

Table 1-A. Soil Sampling Results - 500 Mamaroneck Avenue, Harrison, New York - ERM - May, 1998

Boring	GP-1A	GP-1B	GP-2A	GP-3A	GP-4A	GP-5A	GP-5B	GP-6A	GP-7A	GP-8A	GP-8B	GP-8C	GP-9A	GP-9B	GP-10A
Depth (feet below land surface)	0 - 4	4 - 7.5	0.5 - 2.25	0 - 1.75	0 - 2.25	0 - 3.5	3.5 - 6.5	0 - 1	0.25 - 2.25	0 - 3	3 - 6	6 - 8	0 - 3	3 - 5.5	0 - 3
Date Sampled	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98
Parameter															
<b>RCRA Metals (ug/L)</b>															
Toxicity Characteristic Standards (ug/l)															
Arsenic	5,000	3.8 U		38 U	38 U			38 U						38 U	
Barium	100,000	318		961	681			1760						1190	
Cadmium	1,000	2 U		2 U	2 U			2 U						2.5 U	B
Chromium	5,000	5 U		5 U	5 U			5 U						5 U	
Lead	5,000	49.6 B		58 B	43 B			27.9 B						266	
Mercury	200	2 U		2 U	2 U			2 U						2 U	
Selenium	1,000	39 U		39 U	39 U			39 U						56.1 B	
Silver	5,000	2 U		2 U	2 U			2 U						2 U	
<b>PBCs (ug/Kg)</b>															
Recommended Soil Cleanup Objective (ug/kg)															
Aroclor-1016		47 U		37 U	35 U			35 U						38 U	
Aroclor-1221		96 U		74 U	71 U			71 U						76 U	
Aroclor-1232		47 U		37 U	35 U			35 U						38 U	
Aroclor-1242		47 U		37 U	35 U			35 U						38 U	
Aroclor-1248		47 U		37 U	35 U			35 U						22 J	
Aroclor-1254		47 U		37 U	35 U			35 U						32 J	
Aroclor-1260		47 U		37 U	35 U			35 U						16 J	
Total PCBs	1,000 (surface)													70	
Total PCBs	10,000 (subsurface)														
<b>PAHs (ug/Kg)</b>															
Acenaphthene	50,000***	140 U		110 U	420 U			110 U						450 U	
Acenaphthylene	41,000	140 U		110 U	420 U			110 U						450 U	
Anthracene	50,000***	140 U		110 U	420 U			45 J						450 U	
Benzo(a)anthracene	224 or MDL	140 U		110	420 U			110 J						450 U	
Benzo(b)fluoranthene	1,100	140 U		140	420 U			120						450 U	
Benzo(k)fluoranthene	1,100	140 U		110 U	420 U			47 J						450 U	
Benzo(g,h,i)perylene	50,000***	140 U		110 U	420 U			47 J						450 U	
Benzo(a)pyrene	61 or MDL	140 U		61 J	420 U			88 J						450 U	
Chrysene	400	140 U		150	420 U			120						450 U	
Dibenz(a,h)anthracene	14 or MDL	140 U		110 U	420 U			110 U						450 U	
Fluoranthene	50,000***	140 U		110 U	420 U			110 U						450 U	
Fluorene	50,000***	140 U		110 U	420 U			110 U						450 U	
Indeno(1,2,3-cd)pyrene	3,200	140 U		110 U	420 U			49 J						450 U	
Naphthalene	13,000	140 U		110 U	420 U			110 U						450 U	
Phenanthrene	50,000***	140 U		110 U	420 U			150						450 U	
Pyrene	50,000***	140 U		180	420 U			180						450 U	
2-Methylnaphthalene	36,400														
<b>Immuno Assay (UG/Kg)</b>															
MDL															
PAHs	4 ug/Kg	16	142	408	287	142	32	28	407	106	85	41	113	24	23
PCBs	500 ug/Kg	ND	ND	5 J	1 J	62 J	ND	ND	105 J	ND	ND	1 J	ND	ND	ND

**Notes:**

Toxicity Characteristic Standards - taken from 40 CFR 261.24 Table 1 Maximum Concentration of Contaminants for the Toxicity Characteristic, revised 31 August 1993

Recommended Soil Cleanup Objective - from NYSDEC TAGM 4046, Division of Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, revised 24 January 1994

\*\*\*As per TAGM 4046 total semi-volatiles &lt; 500,000 ug/kg; individual semi-volatiles &lt; 50,000 ug/kg

U - Analyzed for, but not detected

J - Compound determined to be present at an estimated value less than the specified minimum detection limit but greater than zero

B- Analyte detected in blanks as well as sample

Table 1-A. Soil Sampling Results - 500 Mamaroneck Avenue, Harrison, New York - ERM - May, 1998

Boring	GP-10B	GP-11A	GP-11A	GP-11B	GP-11C	GP-12A	GP-12A	GP-12B	GP-12B	GP-12B	GP-12C	GP-13A	GP-13A	GP-13C	GP-14A		
Depth (feet below land surface)	3 - 6	0 - 3	0 - 3	3 - 6	6 - 10	0 - 3	0 - 3	3 - 6	3 - 6	3 - 6	6 - 7	0 - 3	0 - 3	6 - 7	0 - 3		
Date Sampled	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98	12-May-98		
Parameter			TCLP				TCLP		Dilution	TCLP			TCLP				
Toxicity Characteristic																	
RCRA Metals (ug/L)	Standards (ug/l)																
Arsenic	5,000	38	U		38	U		38	U			38	U				
Barium	100,000	2570			1610			856				1430					
Cadmium	1,000	18.5			8.6			4.6	B			20					
Chromium	5,000	5	U		5	U		5	U			5	U				
Lead	5,000	1220			704			178				541					
Mercury	200	2	U		2	U		2	U			2.2					
Selenium	1,000	39	U		58.5	B		39	U			39	U				
Silver	5,000	2	U		2	U		2	U			2	U				
PBCs (ug/Kg)																	
Recommended Soil Cleanup Objective (ug/kg)																	
Aroclor-1016		800	U	1	U	38	U	41	U	1	U	37	U	1	U		
Aroclor-1221		1600	U	2	U	78	U	84	U	2	U	74	U	2	U		
Aroclor-1232		800	U	1	U	38	U	41	U	1	U	37	U	1	U		
Aroclor-1242		800	U	1	U	38	U	41	U	1	U	37	U	1	U		
Aroclor-1248		800	U	1	U	57		19	J	1	U	48		1	U		
Aroclor-1254		800	U	1	U	38	U	26	J	1	U	69		1	U		
Aroclor-1260		800	U	1	U	260		11	J	1	U	34	J	1	U		
Total PCBs	1,000 (surface)	4200			317			56				151					
Total PCBs	10,000 (subsurface)							151									
PAHs (ug/Kg)																	
Acenaphthene	50,000***	120	U	10	U	120	U	120	U	700	710	D	4	J	1300		
Acenaphthylene	41,000	120	U	10	U	120	U	110	J	10	U	790	740	D	10	U	
Anthracene	50,000***	120	U	10	U	120	U	600	0.2	J	2200	2300	D	0.7	J	1200	
Benzo(a)anthracene	224 or MDL	54	J	10	U	45	J	920	10	U	4500	5000	D	10	U	1600	
Benzo(b)fluoranthene	1,100	72	J	10	U	83	J	1100	10	U	3800	5000	D	10	U	2600	
Benzo(k)fluoranthene	1,100	46	J	10	U	110	J	440	10	U	1800	1500	D	10	U	910	
Benzo(g,h,i)perylene	50,000***	120	U	10	U	120	U	260	10	U	650	930	D	10	U	340	
Benzo(a)pyrene	61 or MDL	60	J	10	U	43	J	830	10	U	2900	3800	D	10	U	1200	
Chrysene	400	160		10	U	82	J	1100	10	U	4500	6000	D	10	U	2300	
Dibenz(a,h)anthracene	14 or MDL	120	U	10	U	120	U	120	U	10	U	250	150	JD	10	U	440
Fluoranthene	50,000***	120	U	10	U	98	J	1800	10	U	6500	7800	D	0.8	J	440	
Fluorene	50,000***	120	U	10	U	120	U	210	10	U	1400	1500	D	2	J	730	
Indeno(1,2,3-cd)pyrene	3,200	120	U	10	U	120	U	290	10	U	860	1200	D	10	U	400	
Naphthalene	13,000	120	U	10	U	120	U	60	J	10	U	1000	1200	D	10	U	440
Phenanthrene	50,000***	93	J	10	U	120	U	1300	0.9	J	4700	5500	D	4	J	2000	
Pyrene	50,000***	92	J	10	U	81	J	1500	10	U	6200	6700	D	0.7	J	440	
2-Methylnaphthalene	36,400																
Immuno Assay (UG/Kg)																	
PAHs	MDL	69	55		122	132		370		332		170	332		156	57	
PCBs	4 ug/Kg	ND	323	J	162	J	82	105	J	45	J	82	J	62	J	11	J

**Notes:**

Toxicity Characteristic Standards - taken from 40 CFR 261.24 Table 1 Maximum Concentration of Contaminants for the Toxicity Characteristic, revised 31 August 1993

Recommended Soil Cleanup Objective - from NYSDEC TAGM 4046, Division of Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, revised 2\*

\*\*\*As per TAGM 4046 total semi-volatiles &lt; 500,000 ug/kg; individual semi-volatiles &lt; 50,000 ug/kg

U - Analyzed for, but not detected

J - Compound determined to be present at an estimated value less than the specified minimum detection limit but greater than zero

B - Analyte detected in blanks as well as sample

Table 1-A. Soil Sampling Results - 500 Mamaroneck Avenue, Harrison, New York - ERM - May, 1998

Boring	GP-15A	GP-16A	GP-17A/B	GP-17B/C	GP-17D/E	GP-18A/B	GP-18C/D	GP-18D/E	GP-19A/B	GP-19B/C	GP-19D/E/F	GP-20A	GP-20B	GP-21A	GP-21B
Depth (feet below land surface)	0 - 2	0 - 3	0 - 3	3 - 6	6 - 10	0 - 3	3 - 6	6 - 10	0 - 3	3 - 6	6 - 12	0 - 3	3 - 6	0 - 3	3 - 6
Date Sampled	12-May-98	28-May-98	27-May-98	27-May-98	27-May-98	27-May-98	27-May-98	27-May-98	27-May-98	27-May-98	27-May-98	28-May-98	28-May-98	28-May-98	28-May-98
Parameter															
<b>RCRA Metals (ug/L)</b>															
Toxicity Characteristic Standards (ug/l)															
Arsenic	5,000									300	U	300	U	300	U
Barium	100,000									1050		1070		1320	1820
Cadmium	1,000									5.8		5	U	6.1	55.6
Chromium	5,000									11		15.7		10	U
Lead	5,000									311		104		653	588
Mercury	200									2	U	2	U	2	U
Selenium	1,000									500	U	500	U	500	U
Silver	5,000									10	U	10	U	10	U
<b>PCBs (ug/Kg)</b>															
Recommended Soil Cleanup Objective (ug/kg)															
Aroclor-1016										33	U	33	U	33	U
Aroclor-1221										67	U	67	U	67	U
Aroclor-1232										33	U	33	U	33	U
Aroclor-1242										33	U	33	U	33	U
Aroclor-1248										22	J	24	J	33	U
Aroclor-1254										42		74		33	U
Aroclor-1260										20	J	50		11	J
Total PCBs	1,000 (surface)									84		148		11	
Total PCBs	10,000 (subsurface)														119
<b>PAHs (ug/Kg)</b>															
Toxicity Characteristic Standards (ug/kg)															
Acenaphthene	50,000***									100	J	5500	J	49	J
Acenaphthylene	41,000									81	J	330	U	24	J
Anthracene	50,000***									150	J	12000		220	J
Benzo(a)anthracene	224 or MDL									560		13000		920	
Benzo(b)fluoranthene	1,100									840		5700	J	740	
Benzo(k)fluoranthene	1,100									600		5500	J	700	
Benzo(g,h,i)perylene	50,000***									280	J	7000	J	280	J
Benzo(a)pyrene	61 or MDL									1000		5700		850	
Chrysene	400									680		13000		1100	
Dibenz(a,h)anthracene	14 or MDL									300	J	5400	J	300	J
Fluoranthene	50,000***									1000		22000		1500	
Fluorene	50,000***									78	J	7000	J	66	J
Indeno(1,2,3-cd)pyrene	3,200									400	J	7400	J	380	J
Naphthalene	13,000									32	J	4400	J	330	U
Phenanthrene	50,000***									350	J	42000		860	
Pyrene	50,000***									1300		30000		1300	
2-Methylnaphthalene	36,400									330	U	3900	J	330	U
<b>Immuno Assay (UG/Kg)</b>															
MDL															
PAHs	4 ug/Kg	89	140	222	42	26	36	16	8	19	888	494	618	444	244
PCBs	500 ug/Kg	ND	ND	ND	3	J	12	J	ND	90	J	42	J	121	J

**Notes:**

Toxicity Characteristic Standards - taken from 40 CFR 261.24 Table 1 Maximum Concentration of Contaminants for the Toxicity Characteristic, revised 31 August 1993

Recommended Soil Cleanup Objective - from NYSDEC TAGM 4046, Division of Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, 1

\*\*\*As per TAGM 4046 total semi-volatiles &lt; 500,000 ug/kg; individual semi-volatiles &lt; 50,000 ug/kg

U - Analyzed for, but not detected

J - Compound determined to be present at an estimated value less than the specified minimum detection limit but greater than zero

B- Analyte detected in blanks as well as sample

TABLE 1-B-1 Carcinogenic Polynuclear Aromatic Hydrocarbons (CPAHs), Coneco Soil Borings

500 MAMARONECK AVENUE, HARRISON, NY (March 29 & 30, 1999)

CPAHs ppm Sample Depth	B-3 2'-4'	B-4 4'-6'	B-9 0'-1'	B-10 6'-8'	B-13 12-16	B-15 0'-1'	B-19 2'-4'	B-21 0'-3'	B-41 4'-6'	B-45 4'-6'	B-41* 5'	B-41 0'-4'	B-1 2'-4'
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	1.5	ND	1.0	ND	130	ND	ND
Benzo(a)anthracene	0.73	ND	ND	ND	ND	ND	6.3	1.2	1.9	ND	150	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	10	1.3	1.2	ND	91	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	5.1	1.3	1.8	ND	95	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	3.9	ND	0.77	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	10	1.4	2.2	ND	130	ND	ND
Chrysene	0.84	ND	ND	ND	ND	ND	7.8	1.4	2.1	ND	150	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND
Fluoranthene	2.0	ND	ND	ND	ND	ND	18	3.4	9.5	ND	670	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	0.79	ND	0.86	ND	180	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	0.76	ND	74	ND	ND
Phenanthrene	1.0	ND	ND	ND	ND	ND	6	2.0	7.6	ND	640	ND	ND
Pyrene	1.9	ND	ND	ND	ND	ND	19	3.9	6.7	ND	460	0.7	ND
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300	ND	ND
<b>Total CPAHs ppm =</b>	<b>6.47</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>93.89</b>	<b>15.9</b>	<b>36.39</b>	<b>0.0</b>	<b>2,784</b>	<b>0.7</b>	<b>0.0</b>

\* = black tar-like material

As per TAGM 4046 "Soil cleanup objectives are limited to the following maximum values".

**Total Carcinogenic PAHs less than or equal to 1.0 ppm**

Total Semi-VOCs less than or equal to 500 ppm

Individual Semi-VOCs less than or equal to 50 ppm

Total VOCs less than or equal to 10 ppm

TABLE 1-B-1 Carcinogenic Polynuclear Aromatic Hydrocarbons (CPAHs) Coneco Soil Borings

500 MAMARONECK AVENUE, HARRISON, NY (March 29 & 30, 1999)

CPAHs ppm Sample Depth	B-49 0'-4'	B-50 0'-4'	B-50 4'-8'	B-51 0'-4'	B-51 4'-6.5'	B-52 0'-4'	B-52 4'-7'	B-53 0'-4'	B-53 4'-8'	B-54 0'-4'	B-54 4'-8'	B-54 8'-11'	B-55 0'-3'	B-56 0'-4'	B-56 4'-8'	B-56 8'-12'	B-57 0'-3'
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.88	ND	ND	1.7	1.6	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1.1	ND	ND	1.8	1.6	ND	ND	ND	ND	0.85	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	1.0	ND	ND	2.0	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	1.7	1.5	ND	ND	ND	ND	0.82	ND	ND	ND	ND	ND	ND	ND
Chrysene	1.2	ND	ND	1.8	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3.0	ND	ND	3.6	4.0	ND	ND	ND	ND	3.0	0.9	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	0.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	1.8	ND	ND	2.3	3.4	ND	ND	ND	ND	2.2	0.72	ND	ND	ND	ND	ND	ND
Pyrene	2.5	ND	ND	4.0	4.0	ND	ND	ND	ND	2.4	0.77	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Total CPAHs ppm =</b>	<b>11.48</b>	<b>0.0</b>	<b>0.0</b>	<b>18.9</b>	<b>21.02</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>11.47</b>	<b>2.39</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

As per TAGM 4046 "Soil cleanup objectives are limited to the following maximum values".

**Total Carcinogenic PAHs less than or equal to 1.0 ppm**

Total Semi-VOCs less than or equal to 500 ppm

Individual Semi-VOCs less than or equal to 50 ppm

Total VOCs less than or equal to 10 ppm

**TABLE 1-B-2 Polychlorinated Biphenyls (PCBs) Coneco Soil Borings**

**500 MAMARONECK AVENUE, HARRISON, NY (March 29 & 30, 1999)**

<b>PCBs ppm</b>	<b>B-18 0'-4'</b>	<b>B-19 2'-4'</b>	<b>B-24 0'-3'</b>	<b>B-28 4'-6'</b>	<b>B-24A 8'-10'</b>	<b>B-39 0'-4'</b>	<b>B-35 4'-7'</b>	<b>B-41 4'-6'</b>	<b>B-45 4'-6'</b>	<b>B-41* 5'</b>	<b>NYDEC TAGM</b>
Aroclor 1016	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1221	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1232	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1242	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1248	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1254	BQL	BQL	BQL	BQL	BQL	1.2 ppm	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1260	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface

\* = black tar-like material

**TABLE 1-B-2 Polychlorinated Biphenyls (PCBs) Coneco Soil Borings**

**500 MAMARONECK AVENUE, HARRISON, NY (March 29 & 30, 1999)**

PCBs ppm	B-49 0'-4'	B-49 4'-7'	B-50 0'-4'	B-50 4'-5.5'	B-51 0'-4'	B-51 4'-6.5'	B-52 0'-4'	B-52 4'-7'	B-53 0'-4'	NYDEC TAGM
Aroclor 1016	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1221	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1232	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1242	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1248	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1254	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1260	BQL	BQL	BQL	0.9 ppm	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface

**TABLE 1-B-2 Polychlorinated Biphenyls (PCBs) Coneco Soil Borings**

**500 MAMARONECK AVENUE, HARRISON, NY**

<b>PCBs ppm</b>	<b>B-53 4'-8'</b>	<b>B-54 0'-4'</b>	<b>B-54 4'-8'</b>	<b>B-54 8'-11'</b>	<b>B-55 0'-3'</b>	<b>B-56 0'-4'</b>	<b>B-56 4'-8'</b>	<b>B-56 8'-12'</b>	<b>B-57 0'-3'</b>	<b>NYDEC TAGM</b>
Aroclor 1016	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1221	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1232	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1242	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1248	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1254	BQL	BQL	0.160 ppm	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface
Aroclor 1260	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	1.0 ppm Surface 10 ppm Subsurface



TABLE 1-B-3 Target Analyte List (TAL) METALS Coneco Soil Borings

500 MAMARONECK AVENUE, HARRISON, NY (March 29 & 30, 1999)

TAL Metals ppm	B-3 2'-4'	B-18 0'-4'	B-19 2'-4'	B-31 0'-2'	B-41 4'-6'	B-28 4'-6'	B-39 0'-4'	B-47 0'-3'	B-48 4'-6'	B-41* 5'	Eastern USA SB	NYDEC TAGM
Silver	0.87	2.6	0.63	BQL	BQL	BQL	BQL	BQL	BQL	0.60	N/A	SB
Aluminum	9,900	9,100	8,800	16,000	16,000	11,000	15,000	13,000	15,000	17,000	33,000	SB
Arsenic	BQL	BQL	BQL	BQL	7.8	BQL	BQL	BQL	BQL	BQL	3-12**	7.5 or SB
Barium	87	290	110	300	260	240	270	190	230	190	15-600	300 or SB
Beryllium	0.51	0.69	0.51	0.73	0.88	0.48	0.72	0.54	0.59	0.68	0-1.75	0.16 (HEAST) or SB
Calcium	13,000	11,000	7100	5,500	11,000	6700	7,000	5,500	5,500	4,700	130- 35,000***	SB
Cadmium	4.8	16	6.2	8.2	17	5.4	9.8	6.7	7.4	7.3	0.1-1	1 or SB
Cobalt	7.1	4.3	7.7	13	11	7.0	13	11	12	11	2.5-60**	30 or SB
Chromium	26.0	26	18.0	72	49	27	76	65	65	56	1.5-40**	10 or SB
Copper	22.0	230	110	26	120	27	61	23	26	21	1-50	25 or SB
Iron	15,000	50,000	20,000	28,000	55,000	17,000	31,000	23,000	26,000	24,000	2,000- 555,000	2000 or SB
Mercury	BQL	BQL	0.78	BQL	BQL	1.7	BQL	BQL	BQL	BQL	0.001-0.2	0.1
Potassium	2900	670	3300	12,000	5,000	3,000	12,000	10,000	10,000	7,600	8,500-43,000	SB
Magnesium	12,000	1,400	3600	15,000	7,500	6600	15,000	12,000	13,000	11,000	100-5,000	SB
Manganese	250	340	260	410	410	310	400	330	400	300	50-5,000	SB
Sodium	3700	2,200	1400	1,400	270	270	510	130	210	180	6,000-8,000	SB
Nickel	13.0	18	15.0	28	30	15	31	26	24	23	0.5-25	13 or SB
Lead	27.0	910	71	21	540	470	62	17	9	21	****	SB****
Antimony	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N/A	SB
Selenium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.1-3.9	2 or SB
Thallium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N/A	SB
Vanadium	25.0	11	23.0	51	38	30	52	43	48	45	1-300	150 or SB
Zinc	56.0	670	340	79	370	200	150	62	49	65	9-50	20 or SB

SB = Site Background \*\* = New York State Background

\*\*\*\* = Average background levels in metropolitan areas or near highways are much higher and typically range from 200-500 ppm. (TAGM 4046).

NYDEC is typically comparing analytical results for Lead in soil to 1,000 ppm, Cadmium to 10 ppm and Chromium to 50 ppm.

\* = black tar-like material N/A = Not Available

**TABLE 1-B-3 Target Analyte List (TAL) METALS Coneco Soil Borings**

**500 MAMARONECK AVENUE, HARRISON, NY (April 15, 1999)**

TAL Metals ppm	B-49 0'-4'	B-49 4'-7'	B-50 0'-4'	B-51 0'-4'	B-51 4'-6.5'	B-52 0'-4'	B-52 4'-7'	B-53 0'-4'	B-53 4'-8'	Eastern USA SB	NYDEC TAGM
Silver	BQL	1.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N/A	SB
Aluminum	12,000	7,200	13,000	7,700	7,300	12,000	15,000	11,000	14,000	33,000	SB
Arsenic	12	12	BQL	BQL	BQL	BQL	BQL	BQL	BQL	3-12**	7.5 or SB
Barium	250	670	170	75	170	180	79	120	140	15-600	300 or SB
Beryllium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.55	BQL	0-1.75	0.16 (HEAST) or SB
Calcium	7,300	17,000	6,400	20,000	18,000	13,000	1,300	3,300	3,400	130- 35,000***	SB
Cadmium	12	39	15	6.2	8	15	5.4	6.6	7.2	0.1-1	1 or SB
Cobalt	11	10	12	6.7	5.71	12	7.8	8.7	11	2.5-60**	30 or SB
Chromium	42	130	52	16	20	39	29	30	41	1.5-40**	10 or SB
Copper	280	380	160	24	54	120	14	45	24	1-50	25 or SB
Iron	33,000	93,000	43,000	18,000	23,000	45,000	17,000	19,000	22,000	2,000- 555,000	2000 or SB
Mercury	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.001-0.2	0.1
Potassium	5,000	750	5,500	2,100	1,600	3,700	1,200	2,900	5,000	8,500-43,000	SB
Magnesium	7,400	2,100	9,900	4,600	3,000	7,000	5,500	6,000	8,000	100-5,000	SB
Manganese	420	700	480	330	320	460	140	340	360	50-5,000	SB
Sodium	980	810	2,000	710	830	560	360	55	82	6,000-8,000	SB
Nickel	23	72	27	12	14	27	12	17	20	0.5-25	13 or SB
Lead	790	1,400	170	120	1,000	200	11	43	27	****	SB****
Antimony	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N/A	SB
Selenium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.1-3.9	2 or SB
Thallium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N/A	SB
Vanadium	46	24	40	21	17	40	30	30	39	1-300	150 or SB
Zinc	380	2,000	270	96	460	290	43	80	62	9-50	20 or SB

SB = Site Background      \*\* = New York State Background

\*\*\*\* = Average background levels in metropolitan areas or near highways are much higher and typically range from 200-500 ppm. (TAGM 4046).

NYDEC is typically comparing analytical results for Lead in soil to 1,000 ppm, Cadmium to 10 ppm and Chromium to 50 ppm.

N/A = Not Available

TABLE 1-B-3 Target Analyte List (TAL) METALS Coneco Soil Borings

500 MAMARONECK AVENUE, HARRISON, NY (April 15, 1999)

TAL Metals ppm	B-54 0'-4'	B-54 4'-8'	B-54 8'-11'	B-55 0'-3'	B-56 0'-4'	B-56 4'-8'	B-56 8'-12'	B-57 0'-3'	S-5 SB	Eastern USA SB	NYDEC TAGM
Silver	BQL	0.76	5.6	BQL	BQL	BQL	BQL	BQL	BQL	N/A	SB
Aluminum	14,000	8,000	5,500	6,800	16,000	11,000	15,000	13,000	16,000	33,000	SB
Arsenic	BQL	9.5	17	BQL	BQL	BQL	BQL	BQL	BQL	3-12**	7.5 or SB
Barium	190	250	260	66	150	160	230	220	120	15-600	300 or SB
Beryllium	BQL	0.92	BQL	0.42	0.82	0.78	0.59	0.60	0.87	0-1.75	0.16 (HEAST) or SB
Calcium	24,000	9,900	19,000	13,000	2,300	3,500	4,800	12,000	390	130-35,000***	SB
Cadmium	7.6	24	35	5.4	8.2	13	9.4	10	6.9	0.1-1	1 or SB****
Cobalt	11	10	15	5.7	11	11	14	11	6.5	2.5-60**	30 or SB
Chromium	61	34	43	13	53	38	65	56	33	1.5-40**	10 or SB
Copper	25	200	1,600	18	23	62	28	84	9.2	1-50	25 or SB
Iron	23,000	56,000	94,000	16,000	24,000	39,000	28,000	29,000	18,000	2,000-555,000	2000 or SB
Mercury	BQL	0.78	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.001-0.2	0.1
Potassium	8,400	1,700	700	1,300	2,600	3,800	11,000	8,900	430	8,500-43,000	SB
Magnesium	15,000	3,800	1,000	6,400	8,200	6,600	13,000	15,000	3,800	100-5,000	SB
Manganese	340	550	900	290	540	560	420	400	280	50-5,000	SB
Sodium	170	230	990	130	44	59	97	260	0.00	6,000-8,000	SB
Nickel	26	49	56	10	22	23	24	24	11	0.5-25	13 or SB
Lead	31	450	780	45	39	150	23	72	14	****	SB****
Antimony	BQL	BQL	BQL	BQ	BQL	BQL	BQL	BQL	BQL	N/A	SB
Selenium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.1-3.9	2 or SB
Thallium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	N/A	SB
Vanadium	43	70	11	18	41	34	53	45	31	1-300	150 or SB
Zinc	70	1,700	1,200	59	80	180	63	160	36	9-50	20 or SB

SB = Site Background \*\* = New York State Background

\*\*\*\* = Average background levels in metropolitan areas or near highways are much higher and typically range from 200-500 ppm. (TAGM 4046).

NYDEC is typically comparing analytical results for Lead in soil to 1,000 ppm, Cadmium to 10.0 ppm and Chromium to 50 ppm.

N/A = Not Available

Table 2-2

## TCL Volatile Results

500 Mamaroneck Associates

ERM Project Number X8101.00.603.xls

Client ID			GP-38B (2-4 BLS)	GP-39A (0-2 BLS)	GP-40F (10-11.5 BLS)	GP-41A (0-2 BLS)	GP-42A (0-2 BLS)	GP-42B/C (2-6 BLS)
Lab Sample ID	TAGM 4046		991556A-02	991556A-05	991556A-13	991556A-14	991556A-16	991556A-17
Date Sampled	Recommended	Groundwater	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99
Dilution	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	Criteria	VLKX	VLKKW	VLKKW	VLKKW	VLKX	VLKKW
Units	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Compounds														
Chloromethane			11	U	11	U	11	U	11	U	10	U	11	U
Bromomethane			11	U	11	U	11	U	11	U	10	U	11	U
Vinyl Chloride	200	2	11	U	11	U	11	U	11	U	10	U	11	U
Chloroethane	1,900	50	11	UJ	11	U	11	U	11	U	10	UJ	11	U
Methylene Chloride	100	5	11	U	11	U	11	U	11	U	10	U	11	U
Acetone	200	50	110	BJ	26	UJ	83	BJ	56	UJ	13	UJ	11	UJ
Carbon Disulfide	2,700	50	1	J	.5	J	.5	J	11	U	10	U	11	U
1,1-Dichloroethene	400	5	11	U	11	U	11	U	11	U	10	U	11	U
1,1-Dichloroethane	200	5	11	U	11	U	11	U	11	U	10	U	11	U
1,2-Dichloroethene (total)	300	5	11	U	11	U	11	U	11	U	10	U	11	U
Chloroform	300	7	11	U	11	U	11	U	11	U	10	U	11	U
1,2-Dichloroethane	100	5	11	U	11	U	11	U	11	U	10	U	11	U
2-Butanone	300	50	17	UJ	11	UJ	17	U	11	U	10	UJ	11	U
1,1,1-Trichloroethane	800	5	11	U	11	U	11	U	11	U	10	U	11	U
Carbon Tetrachloride	600	5	11	UJ	11	UJ	11	UJ	11	UJ	10	UJ	11	UJ
Bromodichloromethane			11	U	11	U	11	U	11	U	10	U	11	U
1,2-Dichloropropane			11	U	11	U	11	U	11	U	10	U	11	U
cis-1,3-Dichloropropene			11	U	11	U	11	U	11	U	10	U	11	U
Trichloroethene	700	5	2	J	11	UJ	11	U	11	U	1	J	11	U
Dibromochloromethane			11	U	11	U	11	U	11	U	10	U	11	U
1,1,2-Trichloroethane			11	U	11	U	11	U	11	U	10	U	11	U
Benzene	60	1	.6	J	11	UJ	11	U	11	U	.3	J	11	U
trans-1,3-Dichloropropene			11	U	11	U	11	U	11	U	10	U	11	U
Bromoform			11	U	11	U	11	U	11	U	10	U	11	U
4-Methyl-2-Pentanone	1,000	50	11	UJ	11	U	11	U	11	U	10	UJ	11	U
2-Hexanone			11	UJ	11	U	11	U	11	U	10	UJ	11	U
Tetrachloroethene	1,400	5	11	U	11	U	11	U	11	U	10	U	11	U
1,1,2,2-Tetrachloroethane	600	5	11	U	11	U	11	U	11	U	10	U	11	U
Toluene	1,500	5	.4	J	11	UJ	11	U	11	U	10	U	11	U
Chlorobenzene	1,700	5	11	U	11	U	11	U	11	U	10	U	11	U
Ethylbenzene	5,500	5	11	U	11	U	11	U	11	U	10	U	11	U
Styrene			11	U	11	U	11	U	11	U	10	U	11	U
Xylene (total)	1,200	5	11	U	11	U	11	U	11	U	10	U	11	U

**Table 2-2**  
**TCL Volatile Results**  
**500 Mamaroneck Associates**  
**ERM Project Number X8101.00.603.xls**

<b>Client ID</b>			GP-43A (0-2.5 BLS)	GP-44A (0-2 BLS)	GP-45A (0-2 BLS)	GP-46A (0-2.5 BLS)	GP-47A (0-0.5 BLS)	FIELD BLANK-1
<b>Lab Sample ID</b>	TAGM 4046		991556A-18	991556A-19	991556A-20	991556A-21	991556A-22	991556A-24
<b>Date Sampled</b>	Recommended	Groundwater	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	VBLKKW	VBLKKX	VBLKKW	VBLKKW	VBLKKW	VBLKMH
<b>Units</b>	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/L

Compounds														
Chloromethane				11	U		11	U		11	U		11	U
Bromomethane				11	U		11	U		11	U		11	U
Vinyl Chloride	200	2		11	U		11	U		11	U		11	U
Chloroethane	1,900	50		11	U		11	UJ		11	U		11	U
Methylene Chloride	100	5		11	U		11	U		11	U		11	U
Acetone	200	50		30	UJ		37	BJ		25	UJ		17	UJ
Carbon Disulfide	2,700	50		.3	J		1	J		11	U		11	U
1,1-Dichloroethene	400	5		11	U		11	U		11	U		11	U
1,1-Dichloroethane	200	5		11	U		11	U		11	U		11	U
1,2-Dichloroethene (total)	300	5		11	U		11	U		11	U		11	U
Chloroform	300	7		11	U		11	U		11	U		11	U
1,2-Dichloroethane	100	5		11	U		11	U		11	U		11	U
2-Butanone	300	50		11	U		11	UJ		11	U		11	U
1,1,1-Trichloroethane	800	5		11	U		11	U		11	U		11	U
Carbon Tetrachloride	600	5		11	UJ		11	UJ		11	UJ		11	UJ
Bromodichloromethane				11	U		11	U		11	U		11	U
1,2-Dichloropropane				11	U		11	U		11	U		11	U
cis-1,3-Dichloropropene				11	U		11	U		11	U		11	U
Trichloroethene	700	5		11	U		3	J		11	U		11	U
Dibromochloromethane				11	U		11	U		11	U		11	U
1,1,2-Trichloroethane				11	U		11	U		11	U		11	U
Benzene	60	1		11	U		.9	J		11	U		11	U
trans-1,3-Dichloropropene				11	U		11	U		11	U		11	U
Bromoform				11	U		11	U		11	U		11	U
4-Methyl-2-Pentanone	1,000	50		11	U		11	UJ		11	U		11	U
2-Hexanone				11	U		11	UJ		11	U		11	U
Tetrachloroethene	1,400	5		11	U		11	U		11	U		11	U
1,1,2,2-Tetrachloroethane	600	5		11	U		11	U		11	U		11	U
Toluene	1,500	5		11	U		.4	J		11	U		.4	J
Chlorobenzene	1,700	5		11	U		11	U		11	U		11	U
Ethylbenzene	5,500	5		11	U		11	U		11	U		11	U
Styrene				11	U		11	U		11	U		11	U
Xylene (total)	1,200	5		11	U		11	U		11	U		11	U

**Table 2-2**  
**TCL Volatile Results**  
**500 Mamaroneck Associates**  
**ERM Project Number X8101.00.603.xls**

Client ID			TRIP BLANK-1	DUPLICATE-1A	GP-22A (0-2 BLS)	GP-25A (0-2.5 BLS)	GP-26A/B (0-3 BLS)	GP-27A (0-2 BLS)
Lab Sample ID	TAGM 4046		991556A-25	991556A-26	991556B-01	991556B-03	991556B-04	991556B-05
Date Sampled	Recommended	Groundwater	07/07/99	07/07/99	07/08/99	07/08/99	07/08/99	07/08/99
Dilution	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	Criteria	VBLKMH	VBLKKX	VBLKKX	VBLKKX	VBLKKX	VBLKKZ
Units	ug/Kg	ug/L	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Compounds														
Chloromethane			10	U	11	U	11	U	11	U	11	U	10	U
Bromomethane			10	U	11	U	11	U	11	U	11	U	10	U
Vinyl Chloride	200	2	10	U	11	U	11	U	11	U	11	U	10	U
Chloroethane	1,900	50	10	U	11	UJ	11	UJ	11	UJ	11	UJ	10	U
Methylene Chloride	100	5	.5	J	11	U	11	UJ	11	U	11	U	10	U
Acetone	200	50	2	JB	130	BJ	54	BJ	38	BJ	26	UJ	36	UJ
Carbon Disulfide	2,700	50	10	U	2	J	11	U	11	U	11	U	10	U
1,1-Dichloroethene	400	5	10	U	11	U	11	U	11	U	11	U	10	U
1,1-Dichloroethane	200	5	10	U	11	U	11	U	11	U	11	U	10	U
1,2-Dichloroethene (total)	300	5	10	U	11	U	11	U	11	U	11	U	10	U
Chloroform	300	7	10	U	11	U	11	U	11	U	11	U	10	U
1,2-Dichloroethane	100	5	10	U	11	U	11	U	11	U	11	U	10	U
2-Butanone	300	50	10	U	24	BJ	11	UJ	11	UJ	11	UJ	5	J
1,1,1-Trichloroethane	800	5	10	U	11	U	11	U	11	U	11	U	10	U
Carbon Tetrachloride	600	5	10	UJ	11	UJ	11	UJ	11	UJ	11	UJ	10	UJ
Bromodichloromethane			10	U	11	U	11	U	11	U	11	U	10	U
1,2-Dichloropropane			10	U	11	U	11	U	11	U	11	U	10	U
cis-1,3-Dichloropropene			10	U	11	U	11	U	11	U	11	U	10	U
Trichloroethene	700	5	10	U	2	J	0.7	J	0.3	J	0.8	J	10	U
Dibromochloromethane			10	U	11	U	11	U	11	U	11	U	10	U
1,1,2-Trichloroethane			10	U	11	U	11	U	11	U	11	U	10	U
Benzene	60	1	10	U	1	J	11	U	11	U	11	U	10	U
trans-1,3-Dichloropropene			10	U	11	U	11	U	11	U	11	U	10	U
Bromoform			10	U	11	U	11	U	11	U	11	U	10	U
4-Methyl-2-Pentanone	1,000	50	10	U	11	U	11	UJ	11	UJ	11	UJ	10	UJ
2-Hexanone			10	U	11	U	11	UJ	11	UJ	11	UJ	10	UJ
Tetrachloroethene	1,400	5	.4	J	11	U	11	U	11	U	11	U	10	U
1,1,2,2-Tetrachloroethane	600	5	10	U	11	U	11	UJ	11	UJ	11	UJ	10	UJ
Toluene	1,500	5	10	U	.6	J	11	U	11	U	11	U	10	U
Chlorobenzene	1,700	5	10	U	11	U	11	U	.2	J	11	U	10	U
Ethylbenzene	5,500	5	10	U	11	U	11	U	11	U	11	U	10	U
Styrene			10	U	11	U	11	U	11	U	11	U	10	U
Xylene (total)	1,200	5	10	U	11	U	11	U	11	U	11	U	10	U

**Table 2-2**  
**TCL Volatile Results**  
**500 Mamaroneck Associates**  
**ERM Project Number X8101.00.603.xls**

<b>Client ID</b>			GP-28C (4-5 BLS)	GP-29A (0-2 BLS)	GP-30A (0-2 BLS)	GP-32B/C (2-6 BLS)	GP-34B (2-4 BLS)	DUPLICATE-2
<b>Lab Sample ID</b>	TAGM 4046		991556B-09	991556B-10	991556B-11	991556B-13	991556B-15	991556B-16
<b>Date Sampled</b>	Recommended	Groundwater	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	VLKX	VLKX	VLKX	VLKZ	VLKZ	VLKZ
<b>Units</b>	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Compounds														
Chloromethane				11	U		10	U		11	U		11	U
Bromomethane				11	U		10	U		11	U		12	U
Vinyl Chloride	200	2		11	U		10	U		11	U		12	U
Chloroethane	1,900	50		11	UJ		10	UJ		11	UJ		12	U
Methylene Chloride	100	5		11	U		10	U		11	U		12	U
Acetone	200	50		200	BJ		34	BJ		32	BJ		16	UJ
Carbon Disulfide	2,700	50		0.6	J		0.8	J		0.6	J		11	U
1,1-Dichloroethene	400	5		11	U		10	U		11	U		12	U
1,1-Dichloroethane	200	5		11	U		10	U		11	U		12	U
1,2-Dichloroethene (total)	300	5		11	U		10	U		11	U		12	U
Chloroform	300	7		11	U		10	U		11	U		12	U
1,2-Dichloroethane	100	5		11	U		10	U		11	U		12	U
2-Butanone	300	50		16	BJ		10	UJ		11	UJ		3	J
1,1,1-Trichloroethane	800	5		11	U		10	U		11	U		12	U
Carbon Tetrachloride	600	5		11	UJ		10	UJ		11	UJ		12	UJ
Bromodichloromethane				11	U		10	U		11	U		12	U
1,2-Dichloropropane				11	U		10	U		11	U		12	U
cis-1,3-Dichloropropene				11	U		10	U		11	U		12	U
Trichloroethene	700	5		11	U		0.8	J		0.4	J		11	U
Dibromochloromethane				11	U		10	U		11	U		12	U
1,1,2-Trichloroethane				11	U		10	U		11	U		12	U
Benzene	60	1		11	U		0.3	J		11	U		12	U
trans-1,3-Dichloropropene				11	U		10	U		11	U		12	U
Bromoform				11	U		10	U		11	U		12	U
4-Methyl-2-Pentanone	1,000	50		11	UJ		10	UJ		11	UJ		12	UJ
2-Hexanone				11	UJ		10	UJ		11	UJ		12	UJ
Tetrachloroethene	1,400	5		11	U		10	U		11	U		12	U
1,1,2,2-Tetrachloroethane	600	5		11	UJ		10	UJ		11	UJ		12	UJ
Toluene	1,500	5		11	U		10	U		11	U		12	U
Chlorobenzene	1,700	5		11	U		10	U		11	U		12	U
Ethylbenzene	5,500	5		11	U		10	U		11	U		12	U
Styrene				11	U		10	U		11	U		12	U
Xylene (total)	1,200	5		11	U		10	U		11	U		12	U

Table 2-2

## TCL Volatile Results

500 Mamaroneck Associates

ERM Project Number X8101.00.603.xls

Client ID	FIELD BLANK-2		TRIP BLANK-2		GP-31C (4-6 BLS)		GP-33A (0-2 BLS)		GP-35A (0-2 BLS)		GP-36A (0-3 BLS)	
Lab Sample ID	TAGM 4046	991556B-17	991556B-18	991556B-18	991556C-03	991556C-03	991556C-05	991556C-05	991556C-06	991556C-06	991556C-07	991556C-07
Date Sampled	Recommended	Groundwater	07/08/99	07/08/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99
Dilution	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	Criteria	VBLKM5	VBLKM5	VBLKK1	VBLKKZ	VBLKK1	VBLKK1	VBLKK1	VBLKK1	VBLKK1	VBLKK1
Units	ug/Kg	ug/L	ug/L	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Compounds												
Chloromethane			10	U	10	U	12	U	11	U	11	U
Bromomethane			10	U	10	U	12	U	11	U	11	U
Vinyl Chloride	200	2	10	U	10	U	12	U	11	U	11	U
Chloroethane	1,900	50	10	U	10	U	12	UJ	11	UJ	11	UJ
Methylene Chloride	100	5	0.9	JB	0.8	JB	12	U	11	U	11	UJ
Acetone	200	50	3	JB	2	JB	75	UJ	25	UJ	11	UJ
Carbon Disulfide	2,700	50	10	U	10	U	0.8	J	11	UJ	11	UJ
1,1-Dichloroethene	400	5	10	U	10	U	12	U	11	U	11	U
1,1-Dichloroethane	200	5	10	U	10	U	12	U	11	U	11	U
1,2-Dichloroethene (total)	300	5	10	U	10	U	12	U	11	U	11	U
Chloroform	300	7	10	U	10	U	12	U	11	U	11	U
1,2-Dichloroethane	100	5	10	U	10	U	2	J	11	U	11	U
2-Butanone	300	50	10	U	10	U	15	J	2	J	11	UJ
1,1,1-Trichloroethane	800	5	10	UJ	10	UJ	12	U	11	U	11	U
Carbon Tetrachloride	600	5	10	UJ	10	UJ	12	UJ	11	UJ	11	UJ
Bromodichloromethane			10	U	10	U	12	U	11	U	11	U
1,2-Dichloropropane			10	U	10	U	12	U	11	U	11	U
cis-1,3-Dichloropropene			10	U	10	U	12	U	11	U	11	U
Trichloroethene	700	5	10	U	10	U	12	U	11	U	0.9	J
Dibromochloromethane			10	U	10	U	12	U	11	U	11	U
1,1,2-Trichloroethane			10	U	10	U	12	U	11	U	11	U
Benzene	60	1	10	U	10	U	0.5	J	11	U	0.4	J
trans-1,3-Dichloropropene			10	U	10	U	12	U	11	U	11	U
Bromoform			10	U	10	U	12	U	11	U	11	U
4-Methyl-2-Pentanone	1,000	50	10	UJ	10	UJ	12	UJ	11	U	11	UJ
2-Hexanone			10	UJ	10	UJ	12	UJ	11	U	11	UJ
Tetrachloroethene	1,400	5	10	U	0.3	J	12	U	11	U	11	U
1,1,2,2-Tetrachloroethane	600	5	10	UJ	10	UJ	12	UJ	11	UJ	11	UJ
Toluene	1,500	5	10	U	0.2	J	12	U	11	U	11	U
Chlorobenzene	1,700	5	10	U	10	U	12	U	11	U	11	U
Ethylbenzene	5,500	5	10	U	10	U	12	U	11	U	11	U
Styrene			10	U	10	U	12	U	11	U	11	U
Xylene (total)	1,200	5	10	U	10	U	12	U	11	U	11	U



Table 2-2

## TCL Volatile Results

500 Mamaroneck Associates

ERM Project Number X8101.00.603.xls

Client ID	GP-37A (0-2 BLS)		GP-48B (2-4 BLS)		EAST SWAMP SEDIMENT		UPPER POND SEDIMENT		LOWER POND SEDIMENT		NW CATCH BASIN	
Lab Sample ID	TAGM 4046		991556C-08		991556C-13		991556C-15		991556C-16		991556C-17	
Date Sampled	Recommended	Groundwater	07/09/99		07/09/99		07/09/99		07/09/99		07/09/99	
Dilution	Soil Clean-Up	Standards	1.00		1.00		1.00		1.00		1.00	
Method Blank	Objective	Criteria	VBLKK1		VBLKK1		VBLKK1		VBLKKZ		VBLKK1	
Units	ug/Kg	ug/L	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	

Compounds												
Chloromethane			11	U	11	U	38	U	15	U	25	U
Bromomethane			11	U	11	U	38	U	15	U	25	U
Vinyl Chloride	200	2	11	U	11	U	38	U	15	U	25	U
Chloroethane	1,900	50	11	UJ	11	UJ	38	UJ	15	UJ	25	UJ
Methylene Chloride	100	5	11	U	11	U	38	U	15	U	25	U
Acetone	200	50	28	UJ	16	UJ	38	UJ	67	BJ	62	UJ
Carbon Disulfide	2,700	50	11	UJ	11	U	1	J	15	U	1	J
1,1-Dichloroethene	400	5	11	U	11	U	38	U	15	U	25	U
1,1-Dichloroethane	200	5	11	U	11	U	38	U	15	U	25	U
1,2-Dichloroethene (total)	300	5	11	U	11	U	38	U	15	U	25	U
Chloroform	300	7	11	U	11	U	38	U	15	U	25	U
1,2-Dichloroethane	100	5	11	U	11	U	38	U	15	U	25	U
2-Butanone	300	50	5	J	6	J	50	J	8	J	16	J
1,1,1-Trichloroethane	800	5	11	U	11	U	38	U	15	U	25	U
Carbon Tetrachloride	600	5	11	UJ	11	UJ	38	UJ	15	UJ	25	UJ
Bromodichloromethane			11	U	11	U	38	U	15	U	25	U
1,2-Dichloropropane			11	U	11	U	38	U	15	U	25	U
cis-1,3-Dichloropropene			11	U	11	U	38	U	15	U	25	U
Trichloroethene	700	5	0.6	J	11	U	38	U	15	U	25	U
Dibromochloromethane			11	U	11	U	38	U	15	U	25	U
1,1,2-Trichloroethane			11	U	11	U	38	U	15	U	25	U
Benzene	60	1	11	U	11	U	1	J	15	U	25	U
trans-1,3-Dichloropropene			11	U	11	U	38	U	15	U	25	U
Bromoform			11	U	11	U	38	U	15	U	25	U
4-Methyl-2-Pentanone	1,000	50	11	UJ	11	UJ	38	UJ	15	U	25	UJ
2-Hexanone			11	UJ	11	UJ	38	UJ	15	U	25	UJ
Tetrachloroethene	1,400	5	11	U	11	U	38	U	15	U	25	U
1,1,2,2-Tetrachloroethane	600	5	11	UJ	11	UJ	38	UJ	15	UJ	25	UJ
Toluene	1,500	5	11	U	11	U	2	J	15	U	25	U
Chlorobenzene	1,700	5	11	U	11	U	1	J	15	U	25	U
Ethylbenzene	5,500	5	11	U	11	U	38	U	15	U	25	U
Styrene			11	U	11	U	38	U	15	U	25	U
Xylene (total)	1,200	5	11	U	11	U	38	U	15	U	25	U

### Table 2-3

### TCL Semivolatile Results

## 500 Mamaroneck Associates

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[illegible]

Compounds																		
Phenol	30	1	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
bis(2-Chloroethyl)ether			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2-Chlorophenol	800	50	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
1,3-Dichlorobenzene			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
1,4-Dichlorobenzene			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
1,2-Dichlorobenzene			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2-Methylphenol	100	5	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2,2'-oxybis(1-Chloropropane)			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
4-Methylphenol	900	50	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
N-nitroso-di-n-propylamine			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
Hexachloroethane			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
Nitrobenzene	200	5	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
Isophorone	4,400	50	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2-Nitrophenol	100	5	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2,4-Dimethylphenol			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
bis(2-Chloroethoxy)methane			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2,4-Dichlorophenol	400	1	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
1,2,4-Trichlorobenzene			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
Naphthalene	13,000	10	360	U	22	J	16	J	12	J	130	J	29	J	17	J	17	J
4-Chloroaniline	220	5	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
Hexachlorobutadiene			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
4-Chloro-3-methylphenol	240	5	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2-Methylnaphthalene	36,400	50	360	U	12	J	350	U	360	U	81	J	350	U	360	U	350	U
Hexachlorocyclopentadiene			360	UJ	350	UJ	350	UJ	360	UJ	690	U	350	UJ	360	UJ	350	UJ
2,4,6-Trichlorophenol			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2,4,5-Trichlorophenol	100	1	910	U	880	U	880	U	910	U	1700	U	870	U	910	U	870	U
2-Chloronaphthalene			360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
2-Nitroaniline	430	5	910	U	880	U	880	U	910	U	1700	U	870	U	910	U	870	U
Dimethylphthalate	2,000	50	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
Acenaphthylene	41,000	20	360	U	9	J	47	J	14	J	11	J	350	U	11	J	350	U
2,6-Dinitrotoluene	1,000	5	360	U	350	U	350	U	360	U	690	U	350	U	360	U	350	U
3-Nitroaniline	500	5	910	U	880	U	880	U	910	U	1700	U	870	U	910	U	870	U
Acenaphthene	50,000	20	19	J	350	UJ	24	J	360	UJ	750	J	350	UJ	360	UJ	350	UJ

**Table 2-3**  
**TCL Semivolatile Results**  
**500 Mamaroneck Associates**  
**ERM Project Number X8101.00.603.xls**

<b>Client ID</b>			GP-38B (2-4 BLS)	GP-39A (0-2 BLS)	GP-40F (10-11.5 BLS)	GP-41A (0-2 BLS)	GP-42A (0-2 BLS)	GP-43A (0-2.5 BLS)	GP-44A (0-2 BLS)	GP-45A (0-2 BLS)
<b>Lab Sample ID</b>	TAGM 4046		991556A-02	991556A-05	991556A-13	991556A-14	991556A-16	991556A-18	991556A-19	991556A-20
<b>Date Sampled</b>	Recommended	Groundwater	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	SBLKUQ	SBLKUQ	SBLKUQ	SBLKUQ	SBLKUQ	SBLKUQ	SBLKUQ	SBLKUQ
<b>Units</b>	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

<i>Compounds</i>										
2,4-Dinitrophenol	400	5	910 UJ	880 UJ	880 UJ	910 UJ	1700 U	870 UJ	910 UJ	870 UJ
4-Nitrophenol	100	5	910 U	880 U	880 U	910 U	1700 U	870 U	910 U	870 U
Dibenzofuran	6,200	5	360 U	350 UJ	10 J	360 U	220 J	350 U	360 U	350 U
2,4-Dinitrotoluene			360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
Diethylphthalate	7,100	50	360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
4-Chlorophenyl-phenylether			360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
Fluorene	50,000	50	360 U	11 J	40 J	10 J	540 J	350 U	360 U	9 J
4-Nitroaniline			910 U	880 U	880 U	910 U	1700 U	870 U	910 U	870 U
4,6-Dinitro-2-methylphenol			910 U	880 U	880 U	910 U	1700 U	870 U	910 U	870 U
N-Nitrosodiphenylamine (1)			360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
4-Bromophenyl-phenylether			360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
Hexachlorobenzene	410	0.35	360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
Pentachlorophenol	1,000	1	910 U	880 U	880 U	910 U	1700 U	870 U	910 U	870 U
Phenanthrene	50,000	50	95 J	65 J	420	81 J	3000	16 J	48 J	60 J
Anthracene	50,000	50	12 J	17 J	130 J	21 J	870	4 J	17 J	15 J
Carbazole			360 U	350 U	18 J	360 U	640 J	350 U	360 U	7 J
Di-n-butylphthalate	8,100	50	360 U	350 U	460 U	360 U	690 U	350 U	360 U	350 U
Fluoranthene	50,000	50	38 J	83 J	690	130 J	3400	19 J	110 J	57 J
Pyrene	50,000	50	84 J	98 J	760	140 J	4000	30 J	130 J	66 J
Butylbenzylphthalate	50,000	50	360 U	350 U	350 U	55 J	690 U	350 U	360 U	350 U
3,3'-Dichlorobenzidine			360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
Benzo(a)anthracene	224	0.002	360 U	59 J	530	86 J	2500	12 J	86 J	37 J
Chrysene	400	0.002	360 U	66 J	540	95 J	2400	39 J	96 J	48 J
bis(2-Ethylhexyl)phthalate	50,000	50	360 U	350 U	350 U	360 U	690 U	350 U	360 U	350 U
Di-n-octylphthalate	50,000	50	360 U	350 UJ	350 U	360 U	690 U	350 U	360 U	350 U
Benzo(b)fluoranthene	1,100	0.002	360 U	54 J	370	76 J	1700	350 U	96 J	50 J
Benzo(k)fluoranthene	1,100	0.002	360 U	60 J	420	110 J	2300	350 U	91 J	57 J
Benzo(a)pyrene	61	0.002	360 U	56 J	430	81 J	2000	350 U	95 J	60 J
Indeno(1,2,3-cd)pyrene	3,200	0.002	360 U	46 J	340 J	68 J	1700	350 U	86 J	50 J
Dibenz(a,h)anthracene	14	50	360 U	19 J	120 J	27 J	620 J	350 U	31 J	16 J
Benzo(g,h,i)perylene	50,000	5	12 J	48 J	290 J	76 J	1800	12 J	90 J	66 J



**Table 2-3**  
**TCL Semivolatile Results**  
**500 Mamaroneck Associates**  
ERM Project Number X8101.00.603.xls

Client ID	GP-46A (0-2.5 BLS)		GP-47A (0-0.5 BLS)		FIELD BLANK-1		DUPLICATE-1A		GP-22A (0-2 BLS)		GP-25A (0-2.5 BLS)		GP-26A/B (0-3 BLS)		GP-27A (0-2 BLS)	
Lab Sample ID	TAGM 4046	991556A-21	991556A-21	991556A-22	991556A-24	991556A-24	991556A-26	991556A-26	991556B-01	991556B-01	991556B-03	991556B-03	991556B-04	991556B-04	991556B-05	991556B-05
Date Sampled	Recommended	Groundwater	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99
Dilution	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	Criteria	SBLKUQ	SBLKUQ	SBLKYQ	SBLKYQ	SBLKUQ	SBLKUQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ
Units	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/L	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Compounds																
2,4-Dinitrophenol	400	5	870	U	950	U	25	UJ	900	U	900	U	880	U	880	U
4-Nitrophenol	100	5	870	U	950	U	25	U	900	U	900	U	880	U	880	U
Dibenzofuran	6,200	5	350	U	380	U	10	U	8	J	360	UJ	350	U	350	U
2,4-Dinitrotoluene			350	U	380	U	10	U	360	U	360	U	350	U	350	U
Diethylphthalate	7,100	50	350	U	380	U	.2	J	9	J	360	U	350	U	350	U
4-Chlorophenyl-phenylether			350	U	380	U	10	U	360	U	360	U	350	U	350	U
Fluorene	50,000	50	350	U	380	U	10	U	13	J	360	UJ	350	U	350	U
4-Nitroaniline			870	U	950	U	25	U	900	U	900	U	880	U	880	U
4,6-Dinitro-2-methylphenol			870	U	950	U	25	U	900	U	900	U	880	U	880	U
N-Nitrosodiphenylamine (1)			350	U	380	U	10	U	360	U	360	U	350	U	350	U
4-Bromophenyl-phenylether			350	U	380	U	10	U	360	U	360	U	350	U	350	U
Hexachlorobenzene	410	0.35	350	U	380	U	10	U	360	U	360	U	350	U	350	U
Pentachlorophenol	1,000	1	870	U	950	U	25	U	900	U	900	U	880	U	880	U
Phenanthrene	50,000	50	61	J	100	J	10	U	78	J	36	J	40	J	38	J
Anthracene	50,000	50	12	J	29	J	10	U	18	J	10	J	10	J	10	J
Carbazole			350	U	380	U	10	U	360	U	360	UJ	350	U	350	U
Di-n-butylphthalate	8,100	50	350	U	380	U	.8	JB	360	U	360	U	350	U	350	U
Fluoranthene	50,000	50	48	J	100	J	10	U	74	J	83	J	64	J	60	J
Pyrene	50,000	50	60	J	100	J	10	U	96	J	100	J	74	J	74	J
Butylbenzylphthalate	50,000	50	350	U	380	U	10	U	360	U	360	U	350	U	350	U
3,3'-Dichlorobenzidine			350	U	380	U	10	U	360	U	360	U	350	U	350	U
Benzo(a)anthracene	224	0.002	34	J	83	J	10	U	50	J	52	J	38	J	40	J
Chrysene	400	0.002	53	J	200	J	10	U	59	J	59	J	47	J	46	J
bis(2-Ethylhexyl)phthalate	50,000	50	350	U	380	U	.6	JB	360	U	360	U	350	U	350	U
Di-n-octylphthalate	50,000	50	350	U	380	U	10	U	360	UJ	41	JB	350	U	350	U
Benzo(b)fluoranthene	1,100	0.002	34	J	140	J	10	U	46	J	70	J	36	J	44	J
Benzo(k)fluoranthene	1,100	0.002	33	J	110	J	10	U	52	J	63	J	41	J	45	J
Benzo(a)pyrene	61	0.002	32	J	100	J	10	U	46	J	52	J	38	J	42	J
Indeno(1,2,3-cd)pyrene	3,200	0.002	34	J	28	J	10	U	54	J	50	J	35	J	50	J
Dibenz(a,h)anthracene	14	50	15	J	380	UJ	10	U	22	J	360	UJ	350	U	350	U
Benzo(g,h,i)perylene	50,000	5	37	J	33	J	10	U	62	J	360	U	350	U	350	U

**Table 2-3**  
**TCL Semivolatile Results**  
**500 Mamaroneck Associates**  
**ERM Project Number X8101.00.603.xls**

<b>Client ID</b>			GP-28C (4-5 BLS)	GP-29A (0-2 BLS)	GP-30A (0-2 BLS)	GP-32B/C (2-6 BLS)	GP-34B (2-4 BLS)	DUPLICATE-2	FIELD BLANK-2	GP-31C (4-6 BLS)
<b>Lab Sample ID</b>	TAGM 4046		991556B-09	991556B-10	991556B-11	991556B-13	991556B-15	991556B-16	991556B-17	991556C-03
<b>Date Sampled</b>	Recommended	Groundwater	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/09/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	1.00	5.00	1.00	1.00	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKYQ	SBLKBQ
<b>Units</b>	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/L	ug/Kg

<i>Compounds</i>																				
Phenol	30	1	360	U	340	U	360	UJ	370	U	390	U	370	U	1	J	380	U		
bis(2-Chloroethyl)ether			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2-Chlorophenol	800	50	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
1,3-Dichlorobenzene			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
1,4-Dichlorobenzene			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
1,2-Dichlorobenzene			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2-Methylphenol	100	5	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2,2'-oxybis(1-Chloropropane)			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U		
4-Methylphenol	900	50	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	77	J		
N-nitroso-di-n-propylamine			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
Hexachloroethane			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
Nitrobenzene	200	5	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
Isophorone	4,400	50	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2-Nitrophenol	100	5	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2,4-Dimethylphenol			360	UJ	340	UJ	360	UJ	370	UJ	390	UJ	370	UJ	10	UJ	380	UJ		
bis(2-Chloroethoxy)methane			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2,4-Dichlorophenol	400	1	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
1,2,4-Trichlorobenzene			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
Naphthalene	13,000	10	360	U	340	U	360	UJ	370	U	390	U	19	J	10	U	27	J		
4-Chloroaniline	220	5	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U		
Hexachlorobutadiene			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
4-Chloro-3-methylphenol	240	5	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2-Methylnaphthalene	36,400	50	360	U	15	J	360	UJ	370	U	390	U	370	U	10	U	19	J		
Hexachlorocyclopentadiene			360	U	340	U	360	UJ	370	UJ	390	UJ	370	UJ	10	U	380	UJ		
2,4,6-Trichlorophenol			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	UJ		
2,4,5-Trichlorophenol	100	1	910	U	860	U	900	UJ	920	U	990	U	920	U	25	U	960	U		
2-Chloronaphthalene			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U		
2-Nitroaniline	430	5	910	U	860	U	900	UJ	920	U	990	U	920	U	25	U	960	U		
Dimethylphthalate	2,000	50	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U		
Acenaphthylene	41,000	20	14	J	340	U	360	UJ	370	U	390	U	18	J	10	U	20	J		
2,6-Dinitrotoluene	1,000	5	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U		
3-Nitroaniline	500	5	910	U	860	U	900	UJ	920	U	990	U	920	U	25	U	960	UJ		
Acenaphthene	50,000	20	360	U	340	U	360	UJ	370	U	390	U	20	J	10	U	29	J		

**Table 2-3**  
**TCL Semivolatile Results**  
**500 Mamaroneck Associates**  
ERM Project Number X8101.00.603.xls

<b>Client ID</b>			GP-28C (4-5 BLS)	GP-29A (0-2 BLS)	GP-30A (0-2 BLS)	GP-32B/C (2-6 BLS)	GP-34B (2-4 BLS)	DUPLICATE-2	FIELD BLANK-2	GP-31C (4-6 BLS)
<b>Lab Sample ID</b>	TAGM 4046		991556B-09	991556B-10	991556B-11	991556B-13	991556B-15	991556B-16	991556B-17	991556C-03
<b>Date Sampled</b>	Recommended	Groundwater	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/09/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	1.00	5.00	1.00	1.00	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKXQ	SBLKYQ	SBLKBQ
<b>Units</b>	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/L	ug/Kg

Compounds																		
2,4-Dinitrophenol	400	5	910	U	860	U	900	UJ	920	UJ	990	UJ	920	UJ	25	U	960	UJ
4-Nitrophenol	100	5	910	U	860	U	900	UJ	920	U	990	U	920	U	25	U	960	U
Dibenzofuran	6,200	5	360	U	340	U	360	UJ	370	U	390	U	19	J	10	U	36	J
2,4-Dinitrotoluene			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U
Diethylphthalate	7,100	50	360	U	340	U	360	UJ	370	U	390	U	370	UJ	0.4	J	380	U
4-Chlorophenyl-phenylether			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U
Fluorene	50,000	50	360	U	340	U	13	J	370	U	390	U	38	J	10	U	25	J
4-Nitroaniline			910	U	860	U	900	UJ	920	U	990	U	920	U	25	U	960	UJ
4,6-Dinitro-2-methylphenol			910	U	860	U	900	UJ	920	U	990	U	920	U	25	U	960	U
N-Nitrosodiphenylamine (1)			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U
4-Bromophenyl-phenylether			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U
Hexachlorobenzene	410	0.35	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U
Pentachlorophenol	1,000	1	910	U	860	U	900	UJ	920	U	990	U	920	U	25	U	960	UJ
Phenanthrene	50,000	50	61	J	38	J	90	J	370	U	390	U	310	J	10	U	140	J
Anthracene	50,000	50	17	J	340	U	25	J	370	U	390	U	82	J	10	U	46	J
Carbazole			360	U	340	U	360	UJ	370	U	390	U	21	J	10	U	380	U
Di-n-butylphthalate	8,100	50	360	U	340	U	360	UJ	370	U	390	U	370	UJ	0.8	JB	380	U
Fluoranthene	50,000	50	140	J	15	J	180	J	370	U	16	J	460	J	10	U	140	J
Pyrene	50,000	50	160	J	23	J	170	J	370	U	15	J	370	J	10	U	210	J
Butylbenzylphthalate	50,000	50	360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U
3,3'-Dichlorobenzidine			360	U	340	U	360	UJ	370	U	390	U	370	U	10	U	380	U
Benzo(a)anthracene	224	0.002	84	J	340	U	92	J	370	U	9	J	240	J	10	U	91	J
Chrysene	400	0.002	91	J	28	J	110	J	370	U	11	J	250	J	10	U	150	J
bis(2-Ethylhexyl)phthalate	50,000	50	670	U	340	U	360	UJ	370	U	390	U	370	UJ	0.6	JB	380	U
Di-n-octylphthalate	50,000	50	360	U	340	U	360	UJ	370	U	390	U	370	UJ	10	U	380	U
Benzo(b)fluoranthene	1,100	0.002	94	J	340	U	92	J	370	U	390	U	200	J	10	U	100	J
Benzo(k)fluoranthene	1,100	0.002	81	J	340	U	100	J	370	U	390	U	240	J	10	U	80	J
Benzo(a)pyrene	61	0.002	69	J	340	U	110	J	370	U	390	U	230	J	10	U	120	J
Indeno(1,2,3-cd)pyrene	3,200	0.002	90	J	340	U	69	J	370	UJ	390	UJ	170	J	10	U	96	J
Dibenz(a,h)anthracene	14	50	360	U	340	U	24	J	370	UJ	390	UJ	61	J	10	U	51	J
Benzo(g,h,i)perylene	50,000	5	360	U	340	U	86	J	370	UJ	390	UJ	370	UJ	10	U	150	J

[illegible]

Compounds																		
Phenol	30	1	350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U	800	U
bis(2-Chloroethyl)ether			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2-Chlorophenol	800	50	350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
1,3-Dichlorobenzene			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
1,4-Dichlorobenzene			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
1,2-Dichlorobenzene			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2-Methylphenol	100	5	350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2,2'-oxybis(1-Chloropropane)			350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U	800	U
4-Methylphenol	900	50	350	U	1500	U	54	J	350	U	8900	U	1400	U	490	U	800	U
N-nitroso-di-n-propylamine			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
Hexachloroethane			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
Nitrobenzene	200	5	350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
Isophorone	4,400	50	350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2-Nitrophenol	100	5	350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2,4-Dimethylphenol			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
bis(2-Chloroethoxy)methane			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2,4-Dichlorophenol	400	1	350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
1,2,4-Trichlorobenzene			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
Naphthalene	13,000	10	350	UJ	120	J	95	J	9	J	1000	J	1400	UJ	490	UJ	800	UJ
4-Chloroaniline	220	5	350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U	800	U
Hexachlorobutadiene			350	U	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
4-Chloro-3-methylphenol	240	5	350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2-Methylnaphthalene	36,400	50	350	U	80	J	49	J	350	U	1300	J	1400	U	490	U	800	U
Hexachlorocyclopentadiene			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2,4,6-Trichlorophenol			350	UJ	1500	UJ	360	UJ	350	UJ	8900	UJ	1400	UJ	490	UJ	800	UJ
2,4,5-Trichlorophenol	100	1	890	U	3700	U	900	U	890	U	22000	U	3400	U	1200	U	2000	U
2-Chloronaphthalene			350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U	800	U
2-Nitroaniline	430	5	890	U	3700	U	900	U	890	U	22000	U	3400	U	1200	U	2000	U
Dimethylphthalate	2,000	50	350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U	800	U
Acenaphthylene	41,000	20	350	U	270	J	64	J	10	J	330	J	1400	U	490	U	800	U
2,6-Dinitrotoluene	1,000	5	350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U	800	U
3-Nitroaniline	500	5	890	U	3700	UJ	900	U	890	UJ	22000	U	3400	UJ	1200	UJ	2000	UJ
Acenaphthene	50,000	20	350	UJ	160	J	67	J	350	UJ	8700	J	1400	UJ	490	UJ	800	UJ



**Table 2-3**  
**TCL Semivolatile Results**  
**500 Mamaroneck Associates**  
**ERM Project Number X8101.00.603.xls**

<b>Client ID</b>			GP-33A (0-2 BLS)	GP-35A (0-2 BLS)	GP-36A (0-3 BLS)	GP-37A (0-2 BLS)	GP-48B (2-4 BLS)	EAST SWAMP SEDIMENT	UPPER POND SEDIMENT	LOWER POND SEDIMENT
<b>Lab Sample ID</b>	TAGM 4046		991556C-05	991556C-06	991556C-07	991556C-08	991556C-13	991556C-15	991556C-16	991556C-17
<b>Date Sampled</b>	Recommended	Groundwater	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	4.00	1.00	1.00	25.00	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	SBLKBQ	SBLKBQ	SBLKBQ	SBLKBQ	SBLKBQ	SBLKBQ	SBLKBQ	SBLKBQ
<b>Units</b>	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Compounds																
2,4-Dinitrophenol	400	5	890	U	3700	UJ	900	U	890	UJ	22000	U	3400	UJ	1200	UJ
4-Nitrophenol	100	5	890	U	3700	U	900	U	890	U	22000	U	3400	UJ	1200	UJ
Dibenzofuran	6,200	5	350	U	200	J	59	J	350	U	6500	J	1400	U	490	U
2,4-Dinitrotoluene			350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
Diethylphthalate	7,100	50	350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
4-Chlorophenyl-phenylether			350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
Fluorene	50,000	50	350	U	560	J	100	J	350	U	15000		1400	U	490	U
4-Nitroaniline			890	U	3700	UJ	900	U	890	UJ	22000	U	3400	UJ	1200	UJ
4,6-Dinitro-2-methylphenol			890	U	3700	U	900	U	890	U	22000	U	3400	U	1200	U
N-Nitrosodiphenylamine (1)			350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
4-Bromophenyl-phenylether			350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
Hexachlorobenzene	410	0.35	350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
Pentachlorophenol	1,000	1	890	UJ	3700	UJ	900	UJ	890	UJ	22000	UJ	3400	UJ	1200	UJ
Phenanthrene	50,000	50	41	J	4400		720		82	J	64000		91	J	210	J
Anthracene	50,000	50	14	J	1200	J	250	J	17	J	21000		1400	U	27	J
Carbazole			350	U	250	J	45	J	350	U	7900	J	1400	U	28	J
Di-n-butylphthalate	8,100	50	350	U	1500	U	350	U	350	U	8900	U	1400	U	490	U
Fluoranthene	50,000	50	96	J	5900		1000		150	J	56000		150	J	300	J
Pyrene	50,000	50	100	J	4800		1300	J	150	J	55000		140	J	310	J
Butylbenzylphthalate	50,000	50	350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
3,3'-Dichlorobenzidine			350	U	1500	U	360	U	350	U	8900	U	1400	U	490	U
Benzo(a)anthracene	224	0.002	54	J	3100		840		100	J	34000		69	J	130	J
Chrysene	400	0.002	63	J	3000		1000		130	J	39000		110	J	260	J
bis(2-Ethylhexyl)phthalate	50,000	50	350	U	1500	U	1200	B	310	JB	8900	U	1400	U	1500	B
Di-n-octylphthalate	50,000	50	350	U	1500	U	360	U	350	U	8900	U	1400	U	130	JB
Benzo(b)fluoranthene	1,100	0.002	54	J	2500		910		140	J	25000		88	J	200	J
Benzo(k)fluoranthene	1,100	0.002	52	J	2500		840		110	J	26000		73	J	160	J
Benzo(a)pyrene	61	0.002	50	J	2600		1000		100	J	28000		1400	U	150	J
Indeno(1,2,3-cd)pyrene	3,200	0.002	35	J	1700		600		81	J	17000		1400	U	140	J
Dibenz(a,h)anthracene	14	50	350	U	520	J	220	J	29	J	6800	J	1400	U	490	U
Benzo(g,h,i)perylene	50,000	5	37	J	1500		600		80	J	18000		1400	U	240	J

Client ID			NW CATCH BASIN	DUPLICATE-3	FIELD BLANK-3	SUPPLY WELL	UPPER POND WATER	EAST SWAMP WATER	AQUEOUS DUPLICATE
Lab Sample ID	TAGM 4046		991556C-18	991556C-19	991556C-20	991557A-01	991557A-02	991557A-03	991557A-04
Date Sampled	Recommended	Groundwater	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99
Dilution	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	Criteria	SBLKBQ	SBLKBQ	SBLKYQ	SBLKYQ	SBLKYQ	SBLKYQ	SBLKYQ
Units	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/L	ug/L	ug/L	ug/L	ug/L

I=not detected, E=estimated value, R=detected in associated method blank, D=result from secondary analysis (dilution), N=value associated with method blank

Client ID			NW CATCH BASIN	DUPLICATE-3	FIELD BLANK-3	SUPPLY WELL	UPPER POND WATER	EAST SWAMP WATER	AQUEOUS DUPLICATE
Lab Sample ID	TAGM 4046		991556C-18	991556C-19	991556C-20	991557A-01	991557A-02	991557A-03	991557A-04
Date Sampled	Recommended	Groundwater	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99
Dilution	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	Criteria	SBLKBQ	SBLKBQ	SBLKYQ	SBLKYQ	SBLKYQ	SBLKYQ	SBLKYQ
Units	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/L	ug/L	ug/L	ug/L	ug/L

[illegible]

**TCL Pesticide/PCB Results**  
**500 Mamaroneck Associates**  
ERM Project Number X8101.00.603.xls

<b>Client ID</b>			GP-38B (2-4 BLS)	GP-39A (0-2 BLS)	GP-40F (10-11.5 BLS)	GP-41A (0-2 BLS)	GP-42A (0-2 BLS)	GP-43A (0-2.5 BLS)	GP-44A (0-2 BLS)	GP-45A (0-2 BLS)	GP-46A (0-2.5 BLS)
<b>Lab Sample ID</b>	TAGM 4046		991556A-02	991556A-05	991556A-13	991556A-14	991556A-16	991556A-18	991556A-19	991556A-20	991556A-21
<b>Date Sampled</b>	Recommended	Groundwater	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	PBLK61	PBLK61	PBLK61	PBLK61	PBLK65	PBLK61	PBLK61	PBLK61	PBLK61
<b>Units</b>	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Compounds											
alpha-BHC	110	0.05	1.8 U	1.8 U	1.9 U	1.8 U	1.7 U	1.8 U	1.9 U	1.8 U	1.8 U
beta-BHC	200	0.05	1.8 U	1.8 U	1.9 U	1.8 U	1.7 U	1.8 U	1.9 U	1.8 U	1.8 U
delta-BHC	300	0.05	1.8 U	1.8 U	1.9 U	1.8 U	1.7 U	1.8 U	1.9 U	0.20 J	0.36 J
gamma-BHC (Lindane)	60	0.05	0.72 J	1.8 UJ	1.9 UJ	1.8 UJ	1.7 UJ	1.8 UJ	1.9 UJ	1.8 UJ	1.8 UJ
Heptachlor	100	0.01	1.8 U	1.8 U	1.9 U	1.8 U	1.7 U	1.8 U	1.9 U	1.8 U	1.8 U
Aldrin	41	0.01	1.6 J	1.8 U	1.9 U	6.0 J	1.7 U	1.8 U	1.9 U	1.8 U	1.8 U
Heptachlor Epoxide	20	0.01	1.8 U	1.8 U	1.9 U	1.8 J	1.7 U	0.30 J	1.9 U	1.8 U	1.8 U
Endosulfan I	900	0.1	0.48 J	1.8 U	1.9 U	1.8 U	1.7 U	1.8 U	1.9 U	1.8 U	1.8 U
Dieldrin	44	0.01	3.5 U	3.5 U	3.7 U	3.6 J	1.1 J	0.39 J	3.6 U	0.55 J	3.4 U
4,4'-DDE	2,100	0.01	3.7	8.8	24.	15.	3.4 U	2.4 J	11.	0.78 J	1.5 J
Endrin	100	0.01	1.4 J	1.9 J	0.75 J	1.4 J	3.4 U	3.4 U	1.3 J	3.4 U	3.4 U
Endosulfan II	900	0.1	3.5 U	3.5 U	3.7 U	3.6 U	3.4 U	3.4 U	3.6 U	3.4 U	3.4 U
4,4'-DDD	2,900	0.01	7.2 J	3.9 J	31. J	15. J	1.2 J	1.2 J	4.1 J	0.48 J	0.62 J
Endosulfan Sulfate	1,000	0.1	3.5 U	3.5 U	3.7 U	3.6 U	11.	3.4 U	3.6 U	3.4 U	3.4 U
4,4'-DDT	2,100	0.01	3.5 U	1.6 J	30. J	5.4 J	5.6	3.4 U	3.6 U	0.48 J	0.84 J
Methoxychlor	***		18. U	18. U	19.	4.6 J	19. J	18. U	19. U	18. U	18. U
Endrin Ketone	N/A		3.5 U	3.5 U	3.7 U	3.6 U	3.4 U	3.4 U	3.6 U	3.4 U	3.4 U
Endrin Aldehyde			3.5 U	3.5 U	3.7 U	3.6 U	3.4 U	3.4 U	3.6 U	3.4 U	3.4 U
alpha-Chlordane	540 *		2.8 J	5.5	12. J	19.	3.7 J	1.7 J	6.2	1.3 J	1.6 J
gamma-Chlordane	540	0.1	1.3 J	2.9	10. J	12.	0.95 J	1.5 J	4.3	0.92 J	1.0 J
Toxaphene			180 U	180 U	190 U	180 U	170 U	180 U	190 U	180 U	180 U
Aroclor-1016	1,000-surface 10,000-subsurface	1,000	35. U	35. U	37. U	36. U	34. U	34. U	36. U	34. U	34. U
Aroclor-1221	1,000-surface 10,000-subsurface	100	71. U	71. U	75. U	72. U	69. U	69. U	74. U	70. U	70. U
Aroclor-1232	1,000-surface 10,000-subsurface	100	35. U	35. U	37. U	36. U	34. U	34. U	36. J	7.7 J	20. J
Aroclor-1242	1,000-surface 10,000-subsurface	100	30. J	43.	26. J	94.	34. U	34. U	36. U	34. U	34. U
Aroclor-1248	1,000-surface 10,000-subsurface	100	35. U	35. U	37. U	36. U	34. U	34. U	36. U	34. U	34. U
Aroclor-1254	1,000-surface 10,000-subsurface	100	38.	97.	85. J	56. J	15. J	15. J	44. J	7.4 J	13. J
Aroclor-1260	1,000-surface 10,000-subsurface	100	63.	62. J	52. J	71. J	34. U	34. U	31. J	6.2 J	12. J

N/A - not available  
\* - Value listed for Chlordane  
\*\*\* - As per TAGM #4046, Total Pesticides < 10 ppm  
U - Not Detected  
J - Value is estimated

TCL Pesticide/PCB Results  
500 Mamaroneck Associates  
ERM Project Number X8101.00.603.xls

Client ID	GP-47A (0-0.5 BLS)			FIELD BLANK-1			DUPLICATE-1A			GP-22A (0-2 BLS)			GP-25A (0-2.5 BLS)			GP-26A/B (0-3 BLS)			GP-27A (0-2 BLS)			GP-28C (4-5 BLS)			GP-29A (0-2 BLS)		
Lab Sample ID	TAGM 4046		991556A-22		991556A-24		991556A-26		991556B-01		991556B-03		991556B-04		991556B-05		991556B-09		991556B-10								
Date Sampled	Recommended	Groundwater	07/07/99		07/07/99		07/07/99		07/08/99		07/08/99		07/08/99		07/08/99		07/08/99		07/08/99								
Dilution	Soil Clean-Up	Standards	1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00								
Method Blank	Objective	Criteria	PBLK61		PBLK64		PBLK61		PBLK65		PBLK65		PBLK65		PBLK65		PBLK65		PBLK65								
Units	ug/Kg	ug/L	ug/Kg		ug/L		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg								
Compounds																											
alpha-BHC	110	0.05	0.32	J	0.050	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U							
beta-BHC	200	0.05	1.8	U	0.050	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U							
delta-BHC	300	0.05	1.8	U	0.050	U	1.8	U	0.35	J	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U							
gamma-BHC (Lindane)	60	0.05	1.8	UJ	0.050	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ							
Heptachlor	100	0.01	1.8	U	0.050	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U							
Aldrin	41	0.01	2.2		0.050	U	1.8	U	1.8	U	0.66	J	1.8	U	0.64	J	1.8	U	1.8	U							
Heptachlor Epoxide	20	0.01	0.63	J	0.050	U	1.8	U	0.98	J	1.8	U	1.8	U	0.48	J	0.47	J	1.8	U							
Endosulfan I	900	0.1	1.8	U	0.050	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U							
Dieldrin	44	0.01	3.5	U	0.10	U	3.5	U	3.5	U	9.9		1.7	J	3.5	U	3.6	U	3.4	U							
4,4'-DDE	2,100	0.01	3.5	U	0.10	U	5.3		12	J	1.6	J	2.4	J	3.5	U	6.7	J	0.33	J							
Endrin	100	0.01	3.5	U	0.10	U	2.8	J	0.93	J	3.5	U	0.79	J	3.5	U	3.6	U	3.4	U							
Endosulfan II	900	0.1	1.1		0.10	U	3.5	U	3.5	U	3.5	U	3.4	U	0.46	J	3.6	U	3.4	U							
4,4'-DDD	2,900	0.01	1.0	J	0.10	U	4.0	J	4.2	J	2.6	J	3.6	J	0.31	J	9.4	J	3.4	U							
Endosulfan Sulfate	1,000	0.1	3.5	U	0.10	U	3.5	U	3.5	U	3.5	U	3.4	U	3.5	U	3.6	U	3.4	U							
4,4'-DDT	2,100	0.01	3.5	U	0.10	U	3.5	U	18	J	0.45	J	2.8	J	0.39	J	2.4	J	3.4	U							
Methoxychlor	***		18.	U	0.50	U	18.	U	2.7	J	18.	U	18.	U	18.	U	18.	U	18.	U							
Endrin Ketone	N/A		3.5	U	0.10	U	3.5	U	3.5	U	3.5	U	3.4	U	3.5	U	3.6	U	3.4	U							
Endrin Aldehyde			1.4	J	0.10	U	3.5	U	3.5	U	3.5	U	3.4	U	3.5	U	3.6	U	3.4	U							
alpha-Chlordane	540 *		1.6	J	0.050	U	3.0	J	6.8	J	17.	J	5.5	J	0.79	J	6.6	J	0.53	J							
gamma-Chlordane	540	0.1	1.1	J	0.050	U	2.2	J	2.3	J	16.		5.2		0.76	J	5.1		0.45	J							
Toxaphene			180	U	5.0	U	180	U	180	U	180	U	180	U	180	U	180	U	180	U							
Aroclor-1016	1,000-surface 10,000-subsurface	1,000	35.	U	1.0	U	35.	U	35	U	35.	U	34.	U	35.	U	36.	U	34.	U							
Aroclor-1221	1,000-surface 10,000-subsurface	100	71.	U	2.0	U	71.	U	72	U	70.	U	70.	U	70.	U	72.	U	69.	U							
Aroclor-1232	1,000-surface 10,000-subsurface	100	38.	J	1.0	U	35.	U	35	U	35.	U	21.	J	35.	U	36.	U	34.	U							
Aroclor-1242	1,000-surface 10,000-subsurface	100	35.	U	1.0	U	22.	J	35	U	35.	U	34.	U	35.	U	36.	U	34.	U							
Aroclor-1248	1,000-surface 10,000-subsurface	100	35.	U	1.0	U	35.	U	35	U	35.	U	34.	U	35.	U	36.	U	34.	U							
Aroclor-1254	1,000-surface 10,000-subsurface	100	18.	J	1.0	U	31.	J	15	J	20.	J	20.	J	9.5	J	18.	J	34.	U							
Aroclor-1260	1,000-surface 10,000-subsurface	100	35.	U	1.0	U	35.	J	35	U	21.	J	21.	J	35.	U	19.	JP	34.	U							

N/A - not available  
 - Value listed for Chlordane  
 \*\* - As per TAGM #4046, Total Pesticides < 10 ppm  
 J - Not Detected  
 - Value is estimated

TCL Pesticide/PCB Results  
500 Mamaroneck Associates  
ERM Project Number X8101.00.603.xls

Client ID			GP-30A (0-2 BLS)		GP-32B/C (2-6 BLS)		GP-34B (2-4 BLS)		DUPLICATE-2		FIELD BLANK-2		GP-31C (4-6 BLS)		GP-33A (0-2 BLS)		GP-35A (0-2 BLS)		GP-36A (0-3 BLS)	
Lab Sample ID	TAGM 4046		991556B-11		991556B-13		991556B-15		991556B-16		991556B-17		991556C-03		991556C-05		991556C-06		991556C-07	
Date Sampled	Recommended	Groundwater	07/08/99		07/08/99		07/08/99		07/08/99		07/08/99		07/09/99		07/09/99		07/09/99		07/09/99	
Dilution	Soil Clean-Up	Standards	1.00		1.00		1.00		1.00		1.00		10.00		1.00		1.00		10.00	
Method Blank	Objective	Criteria	PBLK65		PBLK65		PBLK65		PBLK65		PBLK64		PCBLK67		PBLK67		PBLK67		PCBLK67	
Units	ug/Kg	ug/L	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/L		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Compounds																				
alpha-BHC	110	0.05	1.8	U	1.9	U	2.0	U	1.9	U	0.050	U	20	U	1.8	U	1.9	U	18	U
beta-BHC	200	0.05	1.8	U	1.9	U	2.0	U	1.9	U	0.050	U	20	U	1.8	U	1.9	U	18	U
delta-BHC	300	0.05	1.8	U	1.9	U	2.0	U	1.9	U	0.050	U	20	U	1.8	U	1.9	U	18	U
gamma-BHC (Lindane)	60	0.05	1.8	UJ	1.9	UJ	2.0	UJ	1.9	UJ	0.050	U	20	U	1.8	U	1.9	U	18	UJ
Heptachlor	100	0.01	1.8	U	1.9	U	2.0	U	1.9	U	0.050	U	20	U	1.8	U	1.9	U	18	U
Aldrin	41	0.01	1.8	U	1.9	U	2.0	U	1.9	U	0.050	U	20	U	1.8	U	7.5		18	U
Heptachlor Epoxide	20	0.01	1.8	U	1.9	U	2.0	U	1.9	U	0.050	U	20	U	1.8	U	1.9	U	18	U
Endosulfan I	900	0.1	1.8	U	1.9	U	2.0	U	1.9	U	0.050	U	20	U	1.8	U	1.9	U	18	U
Dieldrin	44	0.01	3.6	U	3.6	U	3.9	U	3.6	U	0.10	U	38	U	3.5	U	4.2		9.7	J
4,4'-DDE	2,100	0.01	2.6	J	3.6	U	1.1	J	4.5	J	0.10	U	190	J	9.4	J	9.9	J	14	J
Endrin	100	0.01	3.6	U	3.6	U	3.9	U	3.6	U	0.10	U	38	U	3.5	U	4.6	J	35	U
Endosulfan II	900	0.1	3.6	U	3.6	U	3.9	U	3.6	U	0.10	U	38	U	3.5	U	3.6	U	35	U
4,4'-DDD	2,900	0.01	0.60	J	3.6	U	0.77	J	1.6	J	0.10	U	46	J	6.3	J	3.0	J	8.8	J
Endosulfan Sulfate	1,000	0.1	3.6	U	3.6	U	3.9	U	2.3	J	0.10	U	38	U	3.5	U	1.7	J	35	U
4,4'-DDT	2,100	0.01	2.2	J	3.6	U	0.032	J	2.3	J	0.10	U	38	U	2.8	J	2.4	J	35	U
Methoxychlor	***		2.6	J	19	U	20	U	7.0	J	0.50	U	200	U	18	U	19	U	180	U
Endrin Ketone	N/A		3.6	U	3.6	U	3.9	U	3.6	U	0.10	U	38	U	3.5	U	3.6	U	35	U
Endrin Aldehyde			3.6	U	3.6	U	3.9	U	3.6	U	0.10	U	38	U	3.5	U	3.6	U	35	U
alpha-Chlordane	540 *		1.5	J	0.22	J	0.35	J	2.6	J	0.050	U	6.2	J	1.9	J	8.9	J	23	J
gamma-Chlordane	540	0.1	0.73	J	0.11	J	0.23	J	1.2	J	0.050	U	3.9	J	1.4	J	3.2	J	18	J
Toxaphene			180	U	190	U	200	U	190	U	5.0	U	2000	U	180	U	190	U	1800	U
Aroclor-1016	1,000-surface 10,000-subsurface	1,000	36	U	36	U	39	U	36	U	1.0	U	380	U	35	U	36	U	350	U
Aroclor-1221	1,000-surface 10,000-subsurface	100	72	U	74	U	78	U	73	U	2.0	U	770	U	71	U	74	U	710	U
Aroclor-1232	1,000-surface 10,000-subsurface	100	36	U	36	U	39	U	36	U	1.0	U	380	U	35	U	92	J	350	U
Aroclor-1242	1,000-surface 10,000-subsurface	100	36	U	36	U	39	U	36	U	1.0	U	380	U	6.5	J	36	U	88	J
Aroclor-1248	1,000-surface 10,000-subsurface	100	36	U	36	U	39	U	36	U	1.0	U	380	U	35	U	36	U	350	U
Aroclor-1254	1,000-surface 10,000-subsurface	100	9.7	J	36	U	39	U	18	J	1.0	U	380	U	16	J	48	J	350	J
Aroclor-1260	1,000-surface 10,000-subsurface	100	7.6	J	36	U	3.4	J	31	J	1.0	U	380	U	42		41	J	80	J

J/A - not available  
 - Value listed for Chlordane  
 \*\* - As per TAGM #4046, Total Pesticides < 10 ppm  
 J - Not Detected  
 - Value is estimated

TCL Pesticide/PCB Results  
500 Mamaroneck Associates  
ERM Project Number X8101.00.603.xls

Client ID	GP-37A (0-2 BLS)		GP-48B (2-4 BLS)		EAST SWAMP SEDIMENT		UPPER POND SEDIMENT		LOWER POND SEDIMENT		NW CATCH BASIN		DUPLICATE-3		FIELD BLANK-3		SUPPLY WELL	
Lab Sample ID	TAGM 4446		991556C-08	991556C-13	991556C-15	991556C-16	991556C-17	991556C-18	991556C-19	991556C-20	991557A-01							
Date Sampled	Recommended	Groundwater	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99							
Dilution	Soil Clean-Up	Standards	1.00	10.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00							
Method Blank	Objective	Criteria	PBLK67	PBLK67	PBLK67	PCBLK67	PBLK67	PBLK67	PBLK67	PBLK64	PBLK64							
Units	ug/Kg	ug/L	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/L	ug/L							
Compounds																		
alpha-BHC	110	0.05	1.8 U	18. U	7.0 U	1.1 J	4.1 U	2.0 U	3.9 U	0.050 U	0.050 U							
beta-BHC	200	0.05	1.8 U	18. U	7.0 U	0.34 J	4.1 U	2.0 U	3.9 U	0.050 U	0.050 U							
delta-BHC	300	0.05	1.8 U	18. U	7.0 U	2.5 U	4.1 U	2.5 J	3.9 U	0.050 U	0.050 U							
gamma-BHC (Lindane)	60	0.05	1.8 U	18. U	7.0 U	2.5 U	4.1 U	2.0 U	3.9 U	0.050 U	0.050 U							
Heptachlor	100	0.01	1.8 U	18. U	7.0 U	2.5 U	4.1 U	2.0 U	3.9 U	0.050 U	0.050 U							
Aldrin	41	0.01	1.8 U	3.0 J	7.0 U	2.5 U	4.1 U	2.0 U	3.9 U	0.050 U	0.050 U							
Heptachlor Epoxide	20	0.01	1.2 J	7.8 J	7.0 U	2.5 U	4.1 U	2.0 U	3.9 U	0.050 U	0.050 U							
Endosulfan I	900	0.1	1.8 U	18. U	7.0 U	2.5 U	4.1 U	2.0 U	3.9 U	0.050 U	0.050 U							
Dieldrin	44	0.01	3.4 U	35. U	14. U	4.8 U	8.0 U	3.8 U	7.5 U	0.10 U	0.10 U							
4,4'-DDE	2,100	0.01	17. J	270. J	10. J	7.6 J	12. J	15. J	15. J	0.10 U	0.10 U							
Endrin	100	0.01	1.7 J	31. J	1.2 J	4.8 U	2.7 J	3.8 U	4.3 J	0.10 U	0.10 U							
Endosulfan II	900	0.1	3.4 U	47. J	14. U	0.53 J	1.2 J	3.8 U	7.5 U	0.10 U	0.10 U							
4,4'-DDD	2,900	0.01	3.4 U	62. J	2.1 J	0.68 J	2.1 J	14. J	10. J	0.10 U	0.10 U							
Endosulfan Sulfate	1,000	0.1	3.4 U	35. U	14. U	4.8 U	8.0 U	3.8 U	0.66 J	0.10 U	0.10 U							
4,4'-DDT	2,100	0.01	21. J	42. J	14. U	0.98 J	8.0 U	9.3 J	7.5 U	0.10 U	0.10 U							
Methoxychlor	***		4.5 J	310. J	70. U	2.8 J	7.5 J	20. U	39. U	0.50 U	0.50 U							
Endrin Ketone	N/A		3.4 U	35. U	14. U	4.8 U	8.0 U	3.8 U	7.5 U	0.10 U	0.10 U							
Endrin Aldehyde			3.4 U	35. U	14. U	4.8 U	8.0 U	3.8 U	7.5 U	0.10 U	0.10 U							
alpha-Chlordane	540 *		14. J	10. J	2.6 J	2.7 J	11. J	9.0 J	15. J	0.050 U	0.050 U							
gamma-Chlordane	540	0.1	10. J	18. U	0.78 J	1.2 J	5.9 J	5.7 J	11. J	0.050 U	0.050 U							
Toxaphene			180 U	1800 U	700 U	250 U	410 U	200 U	390 U	5.0 U	5.0 U							
Aroclor-1016	1,000-surface 10,000-subsurface	1,000	34. U	350 U	140 U	48. U	80. U	38. U	75. U	1.0 U	1.0 U							
Aroclor-1221	1,000-surface 10,000-subsurface	100	70. U	710 U	280 U	98. U	160 U	78. U	150 U	2.0 U	2.0 U							
Aroclor-1232	1,000-surface 10,000-subsurface	100	39. J	350 U	140 U	48. U	80. U	38. U	75. U	1.0 U	1.0 U							
Aroclor-1242	1,000-surface 10,000-subsurface	100	34. U	350 U	140 U	48. U	80. U	38. U	130 J	1.0 U	1.0 U							
Aroclor-1248	1,000-surface 10,000-subsurface	100	34. U	350 U	140 U	48. U	80. U	38. U	75. U	1.0 U	1.0 U							
Aroclor-1254	1,000-surface 10,000-subsurface	100	65. J	350 U	14. J	19. J	34. J	63. J	130 J	1.0 U	1.0 U							
Aroclor-1260	1,000-surface 10,000-subsurface	100	50. J	350 U	23. J	48. U	45. J	35. J	74. J	1.0 U	1.0 U							

N/A - not available  
- Value listed for Chlordane  
\*\* - As per TAGM #4046, Total Pesticides < 10 ppm  
J - Not Detected  
- Value is estimated

**TCL Pesticide/PCB Results**  
**500 Mamaroneck Associates**  
**ERM Project Number X8101.00.603.xls**

<b>Client ID</b>			UPPER POND WATER	EAST SWAMP WATER	AQUEOUS DUPLICATE
<b>Lab Sample ID</b>	TAGM 4046		991557A-02	991557A-03	991557A-04
<b>Date Sampled</b>	Recommended	Groundwater	07/09/99	07/09/99	07/09/99
<b>Dilution</b>	Soil Clean-Up	Standards	1.00	1.00	1.00
<b>Method Blank</b>	Objective	Criteria	PBLK64	PBLK64	PBLK64
<b>Units</b>	ug/Kg	ug/L	ug/L	ug/L	ug/L

Compounds								
alpha-BHC	110	0.05	0.050	U	0.050	U	0.050	U
beta-BHC	200	0.05	0.050	U	0.050	U	0.050	U
delta-BHC	300	0.05	0.0077	J	0.0057	J	0.050	U
gamma-BHC (Lindane)	60	0.05	0.050	UJ	0.050	UJ	0.050	UJ
Heptachlor	100	0.01	0.050	U	0.050	U	0.050	U
Aldrin	41	0.01	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	20	0.01	0.050	U	0.050	U	0.050	U
Endosulfan I	900	0.1	0.050	U	0.050	U	0.050	U
Dieldrin	44	0.01	0.10	U	0.10	U	0.10	U
4,4'-DDE	2,100	0.01	0.10	U	0.10	U	0.10	U
Endrin	100	0.01	0.10	U	0.10	U	0.10	U
Endosulfan II	900	0.1	0.10	U	0.10	U	0.10	U
4,4'-DDD	2,900	0.01	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	1,000	0.1	0.10	U	0.10	U	0.10	U
4,4'-DDT	2,100	0.01	0.10	U	0.10	U	0.10	U
Methoxychlor	***		0.50	U	0.50	U	0.50	U
Endrin Ketone	N/A		0.10	U	0.10	U	0.10	U
Endrin Aldehyde			0.10	U	0.10	U	0.10	U
alpha-Chlordane	540 *		0.050	U	0.050	U	0.050	U
gamma-Chlordane	540	0.1	0.050	U	0.050	U	0.050	U
Toxaphene			5.0	U	5.0	U	5.0	U
Aroclor-1016	1,000-surface 10,000-subsurface	1,000	1.0	U	1.0	U	1.0	U
Aroclor-1221	1,000-surface 10,000-subsurface	100	2.0	U	2.0	U	2.0	U
Aroclor-1232	1,000-surface 10,000-subsurface	100	1.0	U	1.0	U	1.0	U
Aroclor-1242	1,000-surface 10,000-subsurface	100	1.0	U	1.0	U	1.0	U
Aroclor-1248	1,000-surface 10,000-subsurface	100	1.0	U	1.0	U	1.0	U
Aroclor-1254	1,000-surface 10,000-subsurface	100	1.0	U	1.0	U	1.0	U
Aroclor-1260	1,000-surface 10,000-subsurface	100	1.0	U	1.0	U	1.0	U

N/A - not available

\* - Value listed for Chlordane

\*\*\* - As per TAGM #4046, Total Pesticides < 10 ppm

U - Not Detected

I - Value is estimated



TAL Metals Results  
500 Mamaroneck Associates  
ERM Project Number X8101.00.603.xls

Client ID		GP-38B (2-4 BLS)	GP-39A (0-2 BLS)	GP-40F (10-11.5 BLS)	GP-41A (0-2 BLS)	GP-42A (0-2 BLS)	GP-43A (0-2.5 BLS)	GP-44A (0-2 BLS)	GP-45A (0-2 BLS)	GP-46A (0-2.5 BLS)
Lab Sample ID	TAGM 4046	991556A-02	991556A-05	991556A-13	991556A-14	991556A-16	991556A-18	991556A-19	991556A-20	991556A-21
Date Sampled	Recommended	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99	07/07/99
Dilution	Soil Clean-Up	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	N080399	N080399	N080399	N080399	N080399	N080399	N080399	N080399	N080399
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Analytes																		
Aluminum	33,000	13200		18300		15700		22400		16400		18600		18800		17300		19900
Antimony		R		R		R		2.3	B	R		R		R		R		R
Arsenic	7.5	2.2	J	7.4	J	2.6	J	5.5	J	3.0	J	2.0	J	4.0	J	2.5	J	3.9
Barium	300	91.3		365		247.		316.		245.		406.		589.		280.		411.
Beryllium	0.16	0.42	B	0.24	B	0.34	B	0.69	B	0.42	B	0.25	B	0.33	B	0.34	B	0.56
Cadmium	1	0.16	UJ	0.16	UJ	0.15	UJ	0.16	UJ	0.11	UJ	0.19	UJ	0.18	UJ	0.15	UJ	0.18
Calcium	35,000	2550	U	9730	U	6820	U	23000	U	7060	U	8740	U	9520	UJ	8150	U	9000
Chromium	10	29.7		92.1		66.9		88.4		70.0		119.		88.6		84.9		114.
Cobalt	30	8.2		12.7		10.5		11.8		11.6		13.1		11.8		13.5		15.7
Copper	25	26.3	J	130.	J	43.3	J	116.	J	30.0	J	22.8	J	167.	J	37.9	J	66.1
Iron	550,000	22800		51600		27900		48600		28600		29500		39300		31300		35300
Lead		11.2	J	221.	J	108.	J	216.	J	49.9	J	15.2	J	161.	J	29.9	J	55.7
Magnesium	5,000	5020		14800		11500		12200		14900		19300		15700		16000		18200
Manganese	5,000	261		618.		410.		798.		479.		455.		491.		500.		533.
Mercury	0.1	0.018	U	0.11		0.082		0.36		0.028	B	0.015	U	0.16		0.017	U	0.019
Nickel	13	17.9		43.4		35.3		80.4		37.2		50.5		39.2		36.1		46.0
Potassium	43,000	2390		11700		7250		8480		8890		14700		10200		10900		13700
Selenium	2	3.3	U	2.7	U	2.7	U	0.82	U	2.8	U	0.95	U	2.2	U	2.0	U	2.5
Silver		0.16	U	0.44	B	0.23	B	1.1	B	0.11	U	0.19	U	0.40	B	0.15	U	0.57
Sodium	8,000	200	B	548.	B	284.	B	700.	B	254.	B	658.	B	569.	B	605.	B	924.
Thallium		4.6	UJ	6.0	UJ	4.3	UJ	2.5	UJ	5.6	UJ	5.0	UJ	5.2	UJ	5.8	UJ	8.6
Vanadium	150	27.0		52.6		40.6		42.1		43.2		59.7		50.0		54.5		59.4
Zinc	20	61		358		183		517		100		72.0		313		102		144

U - Not Detected  
J - Value is estimated  
B - Value reported is between  
the CRDL and the IDL  
R - Value has been rejected  
due to QC deficiency

TAL Metals Results  
500 Mamaroneck Associates  
ERM Project Number X8101.00.603.xls

Client ID		GP-47A (0-0.5 BLS)	FIELD BLANK-1	DUPLICATE-1A	GP-22A (0-2 BLS)	GP-25A (0-2.5 BLS)	GP-26A/B (0-3 BLS)	GP-27A (0-2 BLS)	GP-28C (4-5 BLS)
Lab Sample ID	TAGM 4046	991556A-22	991556A-24	991556A-26	991556B-01	991556B-03	991556B-04	991556B-05	991556B-09
Date Sampled	Recommended	07/07/99	07/07/99	07/07/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99
Dilution	Soil Clean-Up	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	N080399	D080399	N080399	D080599	D080599	D080599	D080599	D080599
Units	mg/Kg	mg/Kg	ug/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Analytes																		
Aluminum	33,000		12300		31.9	B	10100		17000	J	17500	J	17400	J	15200	J	16800	J
Antimony			R		9.0	UJ	R		R		R		R		R		R	
Arsenic	7.5	J	13.2	J	8.0	U	1.8	J	5.7	U	3.7	U	4.6	UJ	4.3	U	5.6	U
Barium	300		149.		3.1	B	150.		179		318.		336.		310.		243.	
Beryllium	0.16	B	0.19	B	1.0	U	0.19	B	0.41	B	0.40	B	0.25	B	0.22	B	0.30	B
Cadmium	1	UJ	0.28	BJ	1.0	U	0.14	UJ	R		R		R		R		R	
Calcium	35,000	UJ	7950	U	27100		5540	U	4340		10000		12400		28200		7110	
Chromium	10		48.0		1.0	U	40.5		62.0		87.3		88.2		81.0		80.9	
Cobalt	30		8.8		1.0	U	7.7		10.6		13.6		13.5		11.9		12.2	
Copper	25	J	132.	J	1.0	U	62.7	J	44.5		33.5		60.3		22.2		33.2	
Iron	550,000		25500		34.5	B	22000		25800		35100		38400		29400		30100	
Lead		J	66.5	J	3.6	J	40.6	J	26.6	J	26.4	J	69.5	J	14.0	J	42.1	J
Magnesium	5,000		8450		3380	B	7640		10300		17300		16800		21800		13900	
Manganese	5,000		433.		2.2	B	319.		388.		493.		532.		451.		472.	
Mercury	0.1	B	0.029	B	0.10	U	0.097		0.096	J	0.012	BJ	0.029	BJ	0.011	U	0.060	J
Nickel	13		28.1		2.0	U	23.2		30.8		36.7		44.0		33.3		35.0	
Potassium	43,000		4280		609.	B	4000		6490	J	11000	J	12500	J	12500	J	10200	J
Selenium	2	U	0.67	U	5.0	UJ	72.2	U	0.59	UJ	2.0	UJ	1.5	UJ	0.75	UJ	2.5	UJ
Silver		B	0.13	U	8.0	U	0.14	U	0.12	U	0.15	U	0.66	B	0.15	U	0.16	U
Sodium	8,000		1210		2990	B	1030		142.	BJ	518.	B	1090		523.	B	259.	B
Thallium		UJ	4.8	UJ	10.0	UJ	4.2	UJ	6.0		6.7	J	7.2	J	8.5	J	7.1	J
Vanadium	150		45.8		1.0	U	34.8		42.3		53.8		53.8		53.4		45.2	
Zinc	20		148.		11.3	B	96.6		67.5	J	94.8	J	191.	J	70.2	J	101.	J

U - Not Detected  
J - Value is estimated  
B - Value reported is between  
the CRDL and the IDL  
R - Value has been rejected  
due to QC deficiency

Client ID		GP-29A (0-2 BLS)	GP-30A (0-2 BLS)	GP-32B/C (2-6 BLS)	GP-34B (2-4 BLS)	DUPLICATE-2	FIELD BLANK-2	GP-31C (4-6 BLS)	GP-33A (0-2 BLS)	GP-35A (0-2 BLS)
Lab Sample ID	TAGM 4046	991556B-10	991556B-11	991556B-13	991556B-15	991556B-16	991556B-17	991556C-03	991556C-05	991556C-06
Date Sampled	Recommended	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/08/99	07/09/99	07/09/99	07/09/99
Dilution	Soil Clean-Up	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective	D080599	D080599	D080599	D080599	D080599	D080499			
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/L	mg/Kg	mg/Kg	mg/Kg

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TAL Metals Results  
500 Mamaroneck Associates  
ERM Project Number X8101.00.603.xls

Client ID		GP-36A (0-3 BLS)	GP-37A (0-2 BLS)	GP-48B (2-4 BLS)	EAST SWAMP SEDIMENT	UPPER POND SEDIMENT	LOWER POND SEDIMENT	NW CATCH BASIN	DUPLICATE-3
Lab Sample ID	TAGM 4046	991556C-07	991556C-08	991556C-13	991556C-15	991556C-16	991556C-17	991556C-18	991556C-19
Date Sampled	Recommended	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99
Dilution	Soil Clean-Up	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective								
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Analytes																		
Aluminum	33,000		13700		17400		7230		16500		5910		16600		10700		15400	
Antimony		BJ	6.7	BJ	2.5	BJ	1.2	UJ	7.8	BJ	2.0	UJ	3.8	UJ	2.0	BJ	3.9	BJ
Arsenic	7.5	U	13.0	U	8.8	U	4.2	U	7.8	U	5.7	U	13.0	U	7.0	U	9.0	U
Barium	300		290.		255.		73.1		814.		54.3		125.		139.		331.	
Beryllium	0.16	U	0.21	U	0.21		0.25	B	1.9		0.26		0.65	B	0.16	U	0.20	U
Cadmium	1		2.3		1.7		0.28	B	0.59	U	0.39		2.4		0.66	B	3.4	
Calcium	35,000		23400		9950		3570		5450		17700		14100		5590		13600	
Chromium	10		107.		86.7		19.2		25.3		15.7		53.8		44.8		71.3	
Cobalt	30	J	11.2	J	11.7	J	4.6	BJ	2.3	BJ	5.0	BJ	14.2	BJ	9.2	J	10.2	J
Copper	25	J	731.	J	1490	J	60.0	J	28.3	J	77.2	J	109.	J	74.6	J	725.	J
Iron	550,000		109000		55400		12900		5020		13400		28600		56200		71600	
Lead		J	997.	J	342.	J	38.5	J	99.9	J	16.9	J	109.	J	169.	J	595.	J
Magnesium	5,000		5410		8270		3410		1400	B	10600		12400		6760		6540	
Manganese	5,000		962.		593.		146.		68.2		152.		230.		461.		659.	
Mercury	0.1		0.0099	U	0.37		0.038		0.38		0.010	BJ	0.19		0.070		0.38	
Nickel	13	J	48.9	J	51.2	J	11.6	J	15.4	BJ	13.7	J	58.5	J	38.6	J	51.0	J
Potassium	43,000		4180		4550		1950		725.	B	1360		3700		1820		5060	
Selenium	2	UJ	5.3	UJ	3.6	UJ	0.68	UJ	2.9	UJ	3.1	UJ	2.1	UJ	2.6	UJ	1.0	UJ
Silver			2.6		1.4	B	0.14	U	0.59	U	0.22	U	0.42	U	0.46	B	5.0	
Sodium	8,000	BJ	718.	BJ	321.	BJ	133.	U	326.	BJ	278.	BJ	1800	BJ	253.	BJ	897.	BJ
Thallium		J	15.4	J	9.6	J	1.4	UJ	6.1	J	2.2	UJ	6.5	J	7.2	J	10.0	J
Vanadium	150		31.6		37.6		18.8		27.4	B	20.1		67.3		106.		31.5	
Zinc	20	J	957.	J	710.	J	69.1	U	65.7	U	157.	J	874.	J	341.	J	1070	J

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Client ID		FIELD BLANK-3	SUPPLY WELL	UPPER POND WATER	EAST SWAMP WATER	AQUEOUS DUPLICATE
Lab Sample ID	TAGM 4046	991556C-20	991557A-01	991557A-02	991557A-03	991557A-04
Date Sampled	Recommended	07/09/99	07/09/99	07/09/99	07/09/99	07/09/99
Dilution	Soil Clean-Up	1.00	1.00	1.00	1.00	1.00
Method Blank	Objective		D080499	D080499	D080499	D080499
Units	mg/Kg	ug/L	ug/L	ug/L	ug/L	mg/L

Analytes										
Aluminum	33,000	20.0	U	20.0	U	321.		514.		22.1 B
Antimony		9.0	U	9.0	U	9.0	U	9.0	U	9.0 U
Arsenic	7.5	8.0	U	8.0	U	8.0	U	8.0	U	8.0 U
Barium	300	1.0	U	240.		197.	B	56.5	B	234.
Beryllium	0.16	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Cadmium	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Calcium	35,000	76.7		102000	J	68600	J	7830	J	99100 J
Chromium	10	1.0	U	1.0	U	1.3	B	1.7	B	1.0 U
Cobalt	30	1.0	U	1.0	U	1.0	U	1.2	B	1.0 U
Copper	25	1.0	U	1.0	U	9.3	U	2.2	U	1.0 U
Iron	550,000	29.0	U	29.0	U	650.		2160		34.4 B
Lead		3.0	U	3.0	U	3.0	U	11.2		3.0 U
Magnesium	5,000	22.0	U	20000		16300		2540	B	19500
Manganese	5,000	5.5		87.7		40.1		127.		96.9
Mercury	0.1	0.10	U	0.14	B	0.10	U	0.17	B	0.10 U
Nickel	13	2.0	U	2.0	U	2.4	B	4.6	B	2.0 U
Potassium	43,000	39.0		6470		7460		1640	B	6400
Selenium	2	12.5		17.6	U	11.5	U	22.7	U	12.5 U
Silver		8.0	U	8.0	U	8.0	U	8.0	U	8.0 U
Sodium	8,000	86.1		98300	J	79200	J	13000	J	95900 J
Thallium		10.0	U	10.0	UJ	10.0	UJ	10.0	UJ	10.0 UJ
Vanadium	150	1.0	U	1.0	U	4.2	B	3.3	B	1.0 U
Zinc	20	10.4		10.0	U	18.0	BJ	30.0	J	16.6 BJ

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