

February 2, 2006
Project 791158

Mr. James Schreyer
Project Manager
NYS Department of Environmental Conservation
Region 3
21 South Putt Corners Road
New Paltz, NY 12561



Re: November 2005 Semi-annual Monitoring Results
Taylor's Lane Compost Site, Mamaroneck, New York
NYSDEC Site Number 360021

Dear Mr. Schreyer:

Shaw Environmental, Inc. (EMCON/OWT) personnel conducted a semi-annual sampling event at the Taylor's Lane Compost Site in Mamaroneck, New York on November 22, 2005. This November 2005 Semi-Annual Monitoring Report (Report) summarizes all activities performed and results obtained in association with the November 2005 groundwater sampling, gas vent, and soil gas migration monitoring.

Six groundwater monitoring wells (MW-1D, MW-1S, MW-2D, MW-2S, MW-3D and MW-3S), located along Taylor Lane were purged and sampled (the attached Drawing 1 depicts monitoring well locations) on November 22, 2005. The collected samples were shipped to Columbia Analytical Services and analyzed for metals (arsenic, cadmium, copper, lead, mercury and zinc), as well as for volatile organic compounds (VOCs), pesticides, and PCB's. In addition to laboratory groundwater analyses, the following field parameters were measured and recorded on-site: pH, temperature, conductivity, Eh, and turbidity. Field parameters pH, temperature, and Eh were measured utilizing an Oakton pH 310 Series waterproof meter. Conductivity was measured utilizing an Oakton con 400 Series waterproof meter. Turbidity was measured utilizing a LaMotte 2020 Turbidimeter.

In addition to the groundwater sampling, landfill gas vent monitoring was performed on November 22, 2005. Gas vents GV-1 through GV-8 were monitored for percent combustible gas and total organic vapors. Soil gas monitoring was also conducted at pre-determined locations (BH-1 through BH-13) along the perimeter of the landfill in order to detect any migrating gases. A MiniRae PID was utilized to monitor VOCs and a Landtec GEM-500 was utilized to monitor percent methane gas and percent Lower Explosive Limit (LEL) at gas vents GV-1 through GV-8 and bar holes BH-1 through BH-13.

Both the groundwater and soil gas monitoring were performed in accordance with the Post Closure Operation and Maintenance Plan for the Taylor's Lane Compost Site prepared by EMCON/Wehran-New York, Inc. in February 1998.

GROUNDWATER MONITORING RESULTS

Inorganics

Analytical laboratory data summary packages and the field data sheets for the groundwater samples collected in November 2005 are provided as Attachments A and B of this Report. A review of the November 2005 groundwater analytical data indicated that no inorganic constituents were detected above the New York State Department of Conservation (NYSDEC) Part 703 Groundwater Standards. Historical Summary Tables for Analytical Parameters and the Historical Groundwater Monitoring Graphs have been provided as respective Attachments C and D of this report. Historical summary tables for Field Parameters have also been included as Attachment E of this report.

Volatile Organic Compounds (VOC's)

Table 1A of this Report presents VOCs detected during the November 2005 sampling event. VOCs detected in well MW-2S included vinyl chloride, which was detected at a concentration of 4.1 ug/l with a 1.00 analytical dilution and 4.8 ug/l with a 2.00 analytical dilution. Vinyl chloride was detected above the groundwater quality standard of 2 ug/l. Monitoring of MW-2S will be continued to assess detection and trends in the concentration of VOCs.

MTBE was detected in well MW-3D, at a concentration of 2.5 ug/l. Monitoring of MW-3D will be continued to assess detection and trends in the concentration of VOCs.

Pesticides

Table 1B of this Report presents Pesticides detected during the November 2005 sampling event. Results for the Pesticides are being reported as detected with a 1.00 analytical dilution. The analytical results for the pesticides in well MW-1S indicated a detection of Dieldrin at a concentration of 0.13 ug/l which is above the groundwater quality standard of 0.004 ug/l. Monitoring of MW-1S will be continued to assess detection and trends in the concentration of Pesticides.-

PCBs

There were no detections of PCBs during the November 22, 2005 groundwater monitoring event.

GAS VENT MONITORING RESULTS

Gas vent locations are depicted on Drawing 1, included with the February 1998 Post Closure Operation and Maintenance Plan. Results for the November 2005 gas vent and bar hole monitoring are provided in Tables 2 and 3, respectively.

As evident from the photoionization detection (PID) readings, volatile organic vapors were not detected (ND, non-detect) in any of the gas vents or perimeter monitoring locations during the November 2005 sampling event. Methane gas was detected at GV-5 at concentrations of 11.8% and the LEL was 236%. Historical summary tables for gas vent monitoring, and historical gas vent monitoring graphs have been provided in Attachments F and G, respectively.

If you should have any questions regarding the above information, please do not hesitate to contact me at 845-492-3100.

Sincerely,

Shaw Environmental, Inc.



Michael Schumaci
Project Manager

Attachments: Attachment A - Laboratory Data Summary Package
Attachment B - Field Sampling Data Sheets
Attachment C – Historical Summary Tables for Analytical Parameters
Attachment D - Historical Groundwater Monitoring Graphs
Attachment E – Historical Summary Tables for Field Parameters
Attachment F – Historical Summary Tables for Gas Vent Monitoring
Attachment G - Historical Gas Vent Monitoring Graphs
Tables 1, 2 and 3
Drawing No. 1

cc: Leonard M. Verrastro – Village of Mamaroneck
Robert Yamuder – Village of Mamaroneck
Steve Goldberg – Shaw Environmental

Attachment A
Laboratory Data Summary Package



A FULL SERVICE ENVIRONMENTAL LABORATORY

December 21, 2005

Mr. Brian Nichols
Shaw E & I, Inc.
4 Commerce Drive South
Harriman, NY 10926

PROJECT:MAMARONECK - TAYLORS LANE
Submission #:R2528935

Dear Mr. Nichols:

Enclosed are the analytical results of the analyses requested. The analytical data was provided to you on 12/21/05 per a Facsimile transmittal. All data has been reviewed prior to report submission.

Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

A handwritten signature in cursive script that reads 'Michael E. Perry'.

Michael Perry
Laboratory Director

Enc.



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Lab Submission # : R2528935
Project Manager : Michael Perry
Reported : 12/21/05

Report Contains a total of 47 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. Michael K. Perry



CASE NARRATIVE

This report contains analytical results for the following samples:

Submission #: R2528935

<u>Lab ID</u>	<u>Client ID</u>
862529	MW-1D
862530	MW-1S
862531	MW-2D
862532	MW-2S
862533	MW-3D
862534	MW-3S

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications.



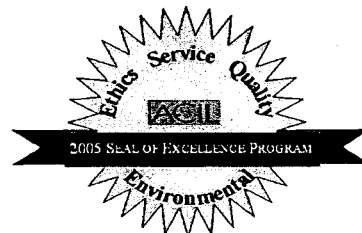
ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved

Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
West Virginia ID # 292



INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank. See Narrative for details.
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because the serial dilution did not meet criteria.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved

Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1D

Date Sampled : 11/22/05 09:30

Order #: 862529

Sample Matrix: WATER

Date Received: 11/23/05

Submission #: R2528935

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/09/05	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
COPPER	6010B	0.0200	0.0312	MG/L	12/09/05	1.0
LEAD	6010B	0.00500	0.0107	MG/L	12/09/05	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/02/05	1.0
ZINC	6010B	0.0200	0.144	MG/L	12/09/05	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1D

Date Sampled : 11/22/05 09:30 Order #: 862529 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	20 U	UG/L
METHYL-TERT-BUTYL ETHER	0.50	0.50 U	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1D

Date Sampled : 11/22/05 09:30 Order #: 862529

Sample Matrix: WATER

Date Received: 11/23/05 Submission #: R2528935

Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
STYRENE	0.50	0.50 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	0.50 U	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIESQC LIMITS

BROMOFLUOROBENZENE	(70 - 130 %)	90	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	101	%

COLUMBIA ANALYTICAL SERVICES**EXTRACTABLE ORGANICS**

METHOD 8081A

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1D

Date Sampled : 11/22/05 09:30 Order #: 862529 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123838

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/09/05			
ANALYTICAL DILUTION: 1.00			
ALDRIN	0.047	0.047 U	UG/L
ALPHA-BHC	0.047	0.047 U	UG/L
BETA-BHC	0.047	0.047 U	UG/L
DELTA-BHC	0.047	0.047 U	UG/L
GAMMA-BHC (LINDANE)	0.047	0.047 U	UG/L
ALPHA-CHLORDANE	0.047	0.047 U	UG/L
GAMMA-CHLORDANE	0.047	0.047 U	UG/L
4,4'-DDD	0.093	0.093 U	UG/L
4,4'-DDE	0.093	0.093 U	UG/L
4,4'-DDT	0.093	0.093 U	UG/L
DIELDRIN	0.093	0.093 U	UG/L
ALPHA-ENDOSULFAN	0.047	0.047 U	UG/L
BETA-ENDOSULFAN	0.093	0.093 U	UG/L
ENDOSULFAN SULFATE	0.093	0.093 U	UG/L
ENDRIN	0.093	0.093 U	UG/L
ENDRIN ALDEHYDE	0.093	0.093 U	UG/L
ENDRIN KETONE	0.093	0.093 U	UG/L
HEPTACHLOR	0.047	0.047 U	UG/L
HEPTACHLOR EPOXIDE	0.047	0.047 U	UG/L
METHOXYCHLOR	0.47	0.47 U	UG/L
TOXAPHENE	0.93	0.93 U	UG/L

SURROGATE RECOVERIESQC LIMITS

DECACHLOROBIPHENYL (DCB)	(11 - 131 %)	52	%
TETRACHLORO-META-XYLENE (TCMX)	(13 - 125 %)	79	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1D

Date Sampled : 11/22/05 09:30 Order #: 862529 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123920

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/12/05			
ANALYTICAL DILUTION: 1.00			
PCB 1016	0.93	0.93 U	UG/L
PCB 1221	1.9	1.9 U	UG/L
PCB 1232	0.93	0.93 U	UG/L
PCB 1242	0.93	0.93 U	UG/L
PCB 1248	0.93	0.93 U	UG/L
PCB 1254	0.93	0.93 U	UG/L
PCB 1260	0.93	0.93 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL	(10 - 144 %)	57	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	85	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1S

Date Sampled : 11/22/05 10:00

Order #: 862530

Sample Matrix: WATER

Date Received: 11/23/05

Submission #: R2528935

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/09/05	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/09/05	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/02/05	1.0
ZINC	6010B	0.0200	0.0205	MG/L	12/09/05	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1S

Date Sampled : 11/22/05 10:00 Order #: 862530

Sample Matrix: WATER

Date Received: 11/23/05 Submission #: R2528935

Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	20 U	UG/L
METHYL-TERT-BUTYL ETHER	0.50	0.50 U	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1S

Date Sampled : 11/22/05 10:00 Order #: 862530 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
STYRENE	0.50	0.50 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	0.50 U	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIESQC LIMITS

BROMOFLUOROBENZENE	(70 - 130 %)	86	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	104	%

COLUMBIA ANALYTICAL SERVICES**EXTRACTABLE ORGANICS**

METHOD 8081A

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1S

Date Sampled : 11/22/05 10:00 Order #: 862530 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123838

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/09/05			
ANALYTICAL DILUTION: 1.00			
ALDRIN	0.047	0.047 U	UG/L
ALPHA-BHC	0.047	0.047 U	UG/L
BETA-BHC	0.047	0.047 U	UG/L
DELTA-BHC	0.047	0.047 U	UG/L
GAMMA-BHC (LINDANE)	0.047	0.047 U	UG/L
ALPHA-CHLORDANE	0.047	0.047 U	UG/L
GAMMA-CHLORDANE	0.047	0.047 U	UG/L
4,4'-DDD	0.093	0.093 U	UG/L
4,4'-DDE	0.093	0.093 U	UG/L
4,4'-DDT	0.093	0.093 U	UG/L
DIELDRIN	0.093	0.13	UG/L
ALPHA-ENDOSULFAN	0.047	0.047 U	UG/L
BETA-ENDOSULFAN	0.093	0.093 U	UG/L
ENDOSULFAN SULFATE	0.093	0.093 U	UG/L
ENDRIN	0.093	0.093 U	UG/L
ENDRIN ALDEHYDE	0.093	0.093 U	UG/L
ENDRIN KETONE	0.093	0.093 U	UG/L
HEPTACHLOR	0.047	0.047 U	UG/L
HEPTACHLOR EPOXIDE	0.047	0.047 U	UG/L
METHOXYCHLOR	0.47	0.47 U	UG/L
TOXAPHENE	0.93	0.93 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL (DCB)	(11 - 131 %)	68	%
TETRACHLORO-META-XYLENE (TCMX)	(13 - 125 %)	79	%

COLUMBIA ANALYTICAL SERVICES**EXTRACTABLE ORGANICS**

METHOD 8082 PCB'S

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1S

Date Sampled : 11/22/05 10:00 Order #: 862530 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123920

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 11/28/05		
DATE ANALYZED	: 12/13/05		
ANALYTICAL DILUTION:	1.00		
PCB 1016	0.93	0.93 U	UG/L
PCB 1221	1.9	1.9 U	UG/L
PCB 1232	0.93	0.93 U	UG/L
PCB 1242	0.93	0.93 U	UG/L
PCB 1248	0.93	0.93 U	UG/L
PCB 1254	0.93	0.93 U	UG/L
PCB 1260	0.93	0.93 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(10 - 144 %)	72	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	81	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/21/05

Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Client Sample ID : MW-2D

Date Sampled : 11/22/05 10:40	Order #: 862531	Sample Matrix: WATER
Date Received: 11/23/05	Submission #: R2528935	

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/09/05	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/09/05	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/02/05	1.0
ZINC	6010B	0.0200	0.0200 U	MG/L	12/09/05	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2D

Date Sampled : 11/22/05 10:40 Order #: 862531

Sample Matrix: WATER

Date Received: 11/23/05 Submission #: R2528935

Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	20 U	UG/L
METHYL-TERT-BUTYL ETHER	0.50	0.50 U	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2D

Date Sampled : 11/22/05 10:40 Order #: 862531 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
STYRENE	0.50	0.50 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	0.50 U	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(70 - 130 %)	92	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	109	%

COLUMBIA ANALYTICAL SERVICES**EXTRACTABLE ORGANICS**

METHOD 8081A

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2D

Date Sampled : 11/22/05 10:40 Order #: 862531 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123838

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/09/05			
ANALYTICAL DILUTION: 1.00			
ALDRIN	0.047	0.047 U	UG/L
ALPHA-BHC	0.047	0.047 U	UG/L
BETA-BHC	0.047	0.047 U	UG/L
DELTA-BHC	0.047	0.047 U	UG/L
GAMMA-BHC (LINDANE)	0.047	0.047 U	UG/L
ALPHA-CHLORDANE	0.047	0.047 U	UG/L
GAMMA-CHLORDANE	0.047	0.047 U	UG/L
4,4'-DDD	0.093	0.093 U	UG/L
4,4'-DDE	0.093	0.093 U	UG/L
4,4'-DDT	0.093	0.093 U	UG/L
DIELDRIN	0.093	0.093 U	UG/L
ALPHA-ENDOSULFAN	0.047	0.047 U	UG/L
BETA-ENDOSULFAN	0.093	0.093 U	UG/L
ENDOSULFAN SULFATE	0.093	0.093 U	UG/L
ENDRIN	0.093	0.093 U	UG/L
ENDRIN ALDEHYDE	0.093	0.093 U	UG/L
ENDRIN KETONE	0.093	0.093 U	UG/L
HEPTACHLOR	0.047	0.047 U	UG/L
HEPTACHLOR EPOXIDE	0.047	0.047 U	UG/L
METHOXYCHLOR	0.47	0.47 U	UG/L
TOXAPHENE	0.93	0.93 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL (DCB)	(11 - 131 %)	55	%
TETRACHLORO-META-XYLENE (TCMX)	(13 - 125 %)	80	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2D

Date Sampled : 11/22/05 10:40 Order #: 862531 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123920

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/13/05			
ANALYTICAL DILUTION: 1.00			
PCB 1016	0.93	0.93 U	UG/L
PCB 1221	1.9	1.9 U	UG/L
PCB 1232	0.93	0.93 U	UG/L
PCB 1242	0.93	0.93 U	UG/L
PCB 1248	0.93	0.93 U	UG/L
PCB 1254	0.93	0.93 U	UG/L
PCB 1260	0.93	0.93 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(10 - 144 %)	68	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	89	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/22/05 11:10

Order #: 862532

Sample Matrix: WATER

Date Received: 11/23/05

Submission #: R2528935

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/09/05	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/09/05	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/02/05	1.0
ZINC	6010B	0.0200	0.0329	MG/L	12/09/05	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/22/05 11:10 Order #: 862532

Sample Matrix: WATER

Date Received: 11/23/05 Submission #: R2528935

Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	90	UG/L
METHYL-TERT-BUTYL ETHER	0.50	61 E	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/22/05 11:10 **Order #:** 862532 **Sample Matrix:** WATER
Date Received: 11/23/05 **Submission #:** R2528935 **Analytical Run** 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 12/05/05		
ANALYTICAL DILUTION:	1.00		
STYRENE	0.50	0.50 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	4.1	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIESQC LIMITS

BROMOFLUOROBENZENE	(70 - 130 %)	91	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	108	%

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/22/05 11:10 Order #: 862532 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 2.00			
BENZENE	0.50	1.0 U	UG/L
BROMOBENZENE	0.50	1.0 U	UG/L
BROMOCHLOROMETHANE	0.50	1.0 U	UG/L
BROMODICHLOROMETHANE	0.50	1.0 U	UG/L
BROMOFORM	0.50	1.0 U	UG/L
BROMOMETHANE	0.50	1.0 U	UG/L
TERT-BUTYL ALCOHOL	20	110	UG/L
METHYL-TERT-BUTYL ETHER	0.50	71 D	UG/L
TERT-BUTYLBENZENE	0.50	1.0 U	UG/L
SEC-BUTYLBENZENE	0.50	1.0 U	UG/L
N-BUTYLBENZENE	0.50	1.0 U	UG/L
CARBON TETRACHLORIDE	0.50	1.0 U	UG/L
CHLOROBENZENE	0.50	1.0 U	UG/L
CHLOROETHANE	0.50	1.0 U	UG/L
CHLOROFORM	0.50	1.0 U	UG/L
CHLOROMETHANE	0.50	1.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	1.0 U	UG/L
2-CHLOROTOLUENE	0.50	1.0 U	UG/L
4-CHLOROTOLUENE	0.50	1.0 U	UG/L
DIBROMOCHLOROMETHANE	0.50	1.0 U	UG/L
1,2-DIBROMOETHANE	0.50	1.0 U	UG/L
DIBROMOMETHANE	0.50	1.0 U	UG/L
1,2-DICHLOROBENZENE	0.50	1.0 U	UG/L
1,4-DICHLOROBENZENE	0.50	1.0 U	UG/L
1,3-DICHLOROBENZENE	0.50	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	1.0 U	UG/L
1,1-DICHLOROETHANE	0.50	1.0 U	UG/L
1,2-DICHLOROETHANE	0.50	1.0 U	UG/L
1,1-DICHLOROETHENE	0.50	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	1.0 U	UG/L
2,2-DICHLOROPROPANE	0.50	1.0 U	UG/L
1,2-DICHLOROPROPANE	0.50	1.0 U	UG/L
1,3-DICHLOROPROPANE	0.50	1.0 U	UG/L
1,1-DICHLOROPROPENE	0.50	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	1.0 U	UG/L
ETHYLBENZENE	0.50	1.0 U	UG/L
HEXACHLOROBUTADIENE	0.50	1.0 U	UG/L
ISOPROPYLBENZENE	0.50	1.0 U	UG/L
P-ISOPROPYLTOLUENE	0.50	1.0 U	UG/L
METHYLENE CHLORIDE	0.50	1.0 U	UG/L
NAPHTHALENE	0.50	1.0 U	UG/L
N-PROPYLBENZENE	0.50	1.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/22/05 11:10 Order #: 862532

Sample Matrix: WATER

Date Received: 11/23/05 Submission #: R2528935

Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 12/05/05		
ANALYTICAL DILUTION:	2.00		
STYRENE	0.50	1.0 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	1.0 U	UG/L
TETRACHLOROETHENE	0.50	1.0 U	UG/L
TOLUENE	0.50	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	1.0 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	1.0 U	UG/L
TRICHLOROETHENE	0.50	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	1.0 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	1.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	1.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	1.0 U	UG/L
VINYL CHLORIDE	0.50	4.8	UG/L
M+P-XYLENE	0.50	1.0 U	UG/L
O-XYLENE	0.50	1.0 U	UG/L

SURROGATE RECOVERIESQC LIMITS

BROMOFLUOROBENZENE	(70 - 130 %)	89	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	110	%

COLUMBIA ANALYTICAL SERVICES**EXTRACTABLE ORGANICS**

METHOD 8081A

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/22/05 11:10 Order #: 862532 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123838

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/09/05			
ANALYTICAL DILUTION: 1.00			
ALDRIN	0.047	0.047 U	UG/L
ALPHA-BHC	0.047	0.047 U	UG/L
BETA-BHC	0.047	0.047 U	UG/L
DELTA-BHC	0.047	0.047 U	UG/L
GAMMA-BHC (LINDANE)	0.047	0.047 U	UG/L
ALPHA-CHLORDANE	0.047	0.047 U	UG/L
GAMMA-CHLORDANE	0.047	0.047 U	UG/L
4,4'-DDD	0.093	0.093 U	UG/L
4,4'-DDE	0.093	0.093 U	UG/L
4,4'-DDT	0.093	0.093 U	UG/L
DIELDRIN	0.093	0.093 U	UG/L
ALPHA-ENDOSULFAN	0.047	0.047 U	UG/L
BETA-ENDOSULFAN	0.093	0.093 U	UG/L
ENDOSULFAN SULFATE	0.093	0.093 U	UG/L
ENDRIN	0.093	0.093 U	UG/L
ENDRIN ALDEHYDE	0.093	0.093 U	UG/L
ENDRIN KETONE	0.093	0.093 U	UG/L
HEPTACHLOR	0.047	0.047 U	UG/L
HEPTACHLOR EPOXIDE	0.047	0.047 U	UG/L
METHOXYCHLOR	0.47	0.47 U	UG/L
TOXAPHENE	0.93	0.93 U	UG/L

SURROGATE RECOVERIESQC LIMITS

DECACHLOROBIPHENYL (DCB)	(11 - 131 %)	48	%
TETRACHLORO-META-XYLENE (TCMX)	(13 - 125 %)	78	%

COLUMBIA ANALYTICAL SERVICES**EXTRACTABLE ORGANICS**

METHOD 8082 PCB'S

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/22/05 11:10 Order #: 862532 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123920

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/13/05			
ANALYTICAL DILUTION: 1.00			
PCB 1016	0.93	0.93 U	UG/L
PCB 1221	1.9	1.9 U	UG/L
PCB 1232	0.93	0.93 U	UG/L
PCB 1242	0.93	0.93 U	UG/L
PCB 1248	0.93	0.93 U	UG/L
PCB 1254	0.93	0.93 U	UG/L
PCB 1260	0.93	0.93 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(10 - 144 %)	55	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	86	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3D

Date Sampled : 11/22/05 11:10

Order #: 862533

Sample Matrix: WATER

Date Received: 11/23/05

Submission #: R2528935

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/09/05	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/09/05	1.0
LEAD	6010B	0.00500	0.00558	MG/L	12/09/05	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/02/05	1.0
ZINC	6010B	0.0200	0.0586	MG/L	12/09/05	1.0

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3D

Date Sampled : 11/22/05 11:10 Order #: 862533 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	20 U	UG/L
METHYL-TERT-BUTYL ETHER	0.50	2.5	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3D

Date Sampled : 11/22/05 11:10 Order #: 862533 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
STYRENE	0.50	0.50 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	0.50 U	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIESQC LIMITS

BROMOFLUOROBENZENE	(70 - 130 %)	85	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	105	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8081A

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3D

Date Sampled : 11/22/05 11:10 Order #: 862533 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123838

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/09/05			
ANALYTICAL DILUTION: 1.00			
ALDRIN	0.047	0.047 U	UG/L
ALPHA-BHC	0.047	0.047 U	UG/L
BETA-BHC	0.047	0.047 U	UG/L
DELTA-BHC	0.047	0.047 U	UG/L
GAMMA-BHC (LINDANE)	0.047	0.047 U	UG/L
ALPHA-CHLORDANE	0.047	0.047 U	UG/L
GAMMA-CHLORDANE	0.047	0.047 U	UG/L
4,4'-DDD	0.093	0.093 U	UG/L
4,4'-DDE	0.093	0.093 U	UG/L
4,4'-DDT	0.093	0.093 U	UG/L
DIELDRIN	0.093	0.093 U	UG/L
ALPHA-ENDOSULFAN	0.047	0.047 U	UG/L
BETA-ENDOSULFAN	0.093	0.093 U	UG/L
ENDOSULFAN SULFATE	0.093	0.093 U	UG/L
ENDRIN	0.093	0.093 U	UG/L
ENDRIN ALDEHYDE	0.093	0.093 U	UG/L
ENDRIN KETONE	0.093	0.093 U	UG/L
HEPTACHLOR	0.047	0.047 U	UG/L
HEPTACHLOR EPOXIDE	0.047	0.047 U	UG/L
METHOXYCHLOR	0.47	0.47 U	UG/L
TOXAPHENE	0.93	0.93 U	UG/L

SURROGATE RECOVERIESQC LIMITS

DECACHLOROBIPHENYL (DCB)	(11 - 131 %)	60	%
TETRACHLORO-META-XYLENE (TCMX)	(13 - 125 %)	81	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3D

Date Sampled : 11/22/05 11:10 Order #: 862533 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123920

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/13/05			
ANALYTICAL DILUTION: 1.00			
PCB 1016	0.93	0.93 U	UG/L
PCB 1221	1.9	1.9 U	UG/L
PCB 1232	0.93	0.93 U	UG/L
PCB 1242	0.93	0.93 U	UG/L
PCB 1248	0.93	0.93 U	UG/L
PCB 1254	0.93	0.93 U	UG/L
PCB 1260	0.93	0.93 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL	(10 - 144 %)	69	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	91	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3S

Date Sampled : 11/22/05 11:10

Order #: 862534

Sample Matrix: WATER

Date Received: 11/23/05

Submission #: R2528935

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/09/05	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/09/05	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/09/05	1.0
LEAD	6010B	0.00500	0.0113	MG/L	12/09/05	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/02/05	1.0
ZINC	6010B	0.0200	0.0333	MG/L	12/09/05	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3S

Date Sampled : 11/22/05 11:10 Order #: 862534 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	20 U	UG/L
METHYL-TERT-BUTYL ETHER	0.50	0.50 U	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3S

Date Sampled : 11/22/05 11:10 Order #: 862534 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
STYRENE	0.50	0.50 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	0.50 U	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIESQC LIMITS

BROMOFLUOROBENZENE	(70 - 130 %)	90	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	106	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8081A

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3S

Date Sampled : 11/22/05 11:10 Order #: 862534 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123838

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/09/05			
ANALYTICAL DILUTION: 1.00			
ALDRIN	0.047	0.047 U	UG/L
ALPHA-BHC	0.047	0.047 U	UG/L
BETA-BHC	0.047	0.047 U	UG/L
DELTA-BHC	0.047	0.047 U	UG/L
GAMMA-BHC (LINDANE)	0.047	0.047 U	UG/L
ALPHA-CHLORDANE	0.047	0.047 U	UG/L
GAMMA-CHLORDANE	0.047	0.047 U	UG/L
4,4'-DDD	0.093	0.093 U	UG/L
4,4'-DDE	0.093	0.093 U	UG/L
4,4'-DDT	0.093	0.093 U	UG/L
DIELDRIN	0.093	0.093 U	UG/L
ALPHA-ENDOSULFAN	0.047	0.047 U	UG/L
BETA-ENDOSULFAN	0.093	0.093 U	UG/L
ENDOSULFAN SULFATE	0.093	0.093 U	UG/L
ENDRIN	0.093	0.093 U	UG/L
ENDRIN ALDEHYDE	0.093	0.093 U	UG/L
ENDRIN KETONE	0.093	0.093 U	UG/L
HEPTACHLOR	0.047	0.047 U	UG/L
HEPTACHLOR EPOXIDE	0.047	0.047 U	UG/L
METHOXYCHLOR	0.47	0.47 U	UG/L
TOXAPHENE	0.93	0.93 U	UG/L

SURROGATE RECOVERIESQC LIMITS

DECACHLOROBIPHENYL (DCB)	(11 - 131 %)	45	%
TETRACHLORO-META-XYLENE (TCMX)	(13 - 125 %)	80	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 12/21/05

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3S

Date Sampled : 11/22/05 11:10 Order #: 862534 Sample Matrix: WATER
Date Received: 11/23/05 Submission #: R2528935 Analytical Run 123920

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/13/05			
ANALYTICAL DILUTION: 1.00			
PCB 1016	0.93	0.93 U	UG/L
PCB 1221	1.9	1.9 U	UG/L
PCB 1232	0.93	0.93 U	UG/L
PCB 1242	0.93	0.93 U	UG/L
PCB 1248	0.93	0.93 U	UG/L
PCB 1254	0.93	0.93 U	UG/L
PCB 1260	0.93	0.93 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL	(10 - 144 %)	49	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	81	%

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2528935
Client: Shaw E & I, Inc.
MAMARONECK - TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
MERCURY	0.000300 U	0.000980	0.00100	98	80 - 120	123588	MG/L
ARSENIC	0.0100 U	0.0390	0.0400	98	80 - 120	124025	MG/L
CADMIUM	0.00500 U	0.0535	0.0500	107	80 - 120	124025	MG/L
COPPER	0.0200 U	0.275	0.250	110	80 - 120	124025	MG/L
LEAD	0.00500 U	0.529	0.500	106	80 - 120	124025	MG/L
ZINC	0.0200 U	0.539	0.500	108	80 - 120	124025	MG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 869086

ANALYTICAL RUN #: 124318

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.0			
BENZENE	2.00	99	70 - 130
BROMOBENZENE	2.00	119	70 - 130
BROMOCHLOROMETHANE	2.00	109	70 - 130
BROMODICHLOROMETHANE	2.00	102	70 - 130
BROMOFORM	2.00	118	70 - 130
BROMOMETHANE	2.00	77	70 - 130
TERT-BUTYL ALCOHOL	40.0	92	70 - 130
METHYL-TERT-BUTYL ETHER	2.00	99	70 - 130
TERT-BUTYLBENZENE	2.00	111	70 - 130
SEC-BUTYLBENZENE	2.00	102	70 - 130
N-BUTYLBENZENE	2.00	99	70 - 130
CARBON TETRACHLORIDE	2.00	115	70 - 130
CHLOROBENZENE	2.00	110	70 - 130
CHLOROETHANE	2.00	95	70 - 130
CHLOROFORM	2.00	104	70 - 130
CHLOROMETHANE	2.00	84	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	2.00	106	70 - 130
2-CHLOROTOLUENE	2.00	112	70 - 130
4-CHLOROTOLUENE	2.00	109	70 - 130
DIBROMOCHLOROMETHANE	2.00	107	70 - 130
1,2-DIBROMOETHANE	2.00	101	70 - 130
DIBROMOMETHANE	2.00	99	70 - 130
1,2-DICHLOROBENZENE	2.00	116	70 - 130
1,4-DICHLOROBENZENE	2.00	119	70 - 130
1,3-DICHLOROBENZENE	2.00	118	70 - 130
DICHLORODIFLUOROMETHANE	2.00	111	70 - 130
1,1-DICHLOROETHANE	2.00	96	70 - 130
1,2-DICHLOROETHANE	2.00	103	70 - 130
1,1-DICHLOROETHENE	2.00	121	70 - 130
TRANS-1,2-DICHLOROETHENE	2.00	108	70 - 130
CIS-1,2-DICHLOROETHENE	2.00	102	70 - 130
2,2-DICHLOROPROPANE	2.00	111	70 - 130
1,2-DICHLOROPROPANE	2.00	95	70 - 130
1,3-DICHLOROPROPANE	2.00	98	70 - 130
1,1-DICHLOROPROPENE	2.00	90	70 - 130
TRANS-1,3-DICHLOROPROPENE	2.00	101	70 - 130
CIS-1,3-DICHLOROPROPENE	2.00	98	70 - 130
ETHYLBENZENE	2.00	107	70 - 130
HEXACHLOROBUTADIENE	2.00	139 *	70 - 130
ISOPROPYLBENZENE	2.00	109	70 - 130
P-ISOPROPYLTOLUENE	2.00	113	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 869086

ANALYTICAL RUN # : 124318

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.0			
METHYLENE CHLORIDE	2.00	132 *	70 - 130
NAPHTHALENE	2.00	94	70 - 130
N-PROPYLBENZENE	2.00	107	70 - 130
STYRENE	2.00	105	70 - 130
1,1,1,2-TETRACHLOROETHANE	2.00	115	70 - 130
1,1,2,2-TETRACHLOROETHANE	2.00	95	70 - 130
TETRACHLOROETHENE	2.00	120	70 - 130
TOLUENE	2.00	104	70 - 130
1,2,4-TRICHLOROBENZENE	2.00	113	70 - 130
1,2,3-TRICHLOROBENZENE	2.00	119	70 - 130
1,1,1-TRICHLOROETHANE	2.00	110	70 - 130
1,1,2-TRICHLOROETHANE	2.00	103	70 - 130
TRICHLOROETHENE	2.00	111	70 - 130
TRICHLOROFLUOROMETHANE	2.00	111	70 - 130
1,2,3-TRICHLOROPROPANE	2.00	110	70 - 130
1,3,5-TRIMETHYLBENZENE	2.00	114	70 - 130
1,2,4-TRIMETHYLBENZENE	2.00	115	70 - 130
VINYL CHLORIDE	2.00	94	70 - 130
M+P-XYLENE	4.00	109	70 - 130
O-XYLENE	2.00	104	70 - 130

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	869085	Sample Matrix:	WATER
Date Received:	Submission #:		Analytical Run	124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	20 U	UG/L
METHYL-TERT-BUTYL ETHER	0.50	0.50 U	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L
STYRENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/21/05

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 869085	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 124318

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/05/05			
ANALYTICAL DILUTION: 1.00			
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	0.50 U	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

BROMOFLUOROBENZENE	(70 - 130 %)	87	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	99	%

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
 WATER

Run Number : 123838

ANALYTE	SPIKE	SAMPLE	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
	ADDED	CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ALDRIN	0.20	0	0.160	80	0.160	80	0	30	24 - 122
GAMMA-BHC (LINDANE)	0.20	0	0.160	80	0.160	80	0	30	44 - 131
4,4'-DDT	0.20	0	0.150	75	0.150	75	0	30	39 - 154
DIELDRIN	0.20	0	0.180	90	0.180	90	0	30	37 - 151
ENDRIN	0.20	0	0.170	85	0.170	85	0	30	39 - 146
HEPTACHLOR	0.20	0	0.180	90	0.180	90	0	30	37 - 123

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8081A

Reported: 12/21/05

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 865985	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 123838

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/09/05			
ANALYTICAL DILUTION: 1.00			
ALDRIN	0.050	0.050 U	UG/L
ALPHA-BHC	0.050	0.050 U	UG/L
BETA-BHC	0.050	0.050 U	UG/L
DELTA-BHC	0.050	0.050 U	UG/L
GAMMA-BHC (LINDANE)	0.050	0.050 U	UG/L
ALPHA-CHLORDANE	0.050	0.050 U	UG/L
GAMMA-CHLORDANE	0.050	0.050 U	UG/L
4,4'-DDD	0.10	0.10 U	UG/L
4,4'-DDE	0.10	0.10 U	UG/L
4,4'-DDT	0.10	0.10 U	UG/L
DIELDRIN	0.10	0.10 U	UG/L
ALPHA-ENDOSULFAN	0.050	0.050 U	UG/L
BETA-ENDOSULFAN	0.10	0.10 U	UG/L
ENDOSULFAN SULFATE	0.10	0.10 U	UG/L
ENDRIN	0.10	0.10 U	UG/L
ENDRIN ALDEHYDE	0.10	0.10 U	UG/L
ENDRIN KETONE	0.10	0.10 U	UG/L
HEPTACHLOR	0.050	0.050 U	UG/L
HEPTACHLOR EPOXIDE	0.050	0.050 U	UG/L
METHOXYCHLOR	0.50	0.50 U	UG/L
TOXAPHENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(11 - 131 %)	80	%
TETRACHLORO-META-XYLENE (TCMX)	(13 - 125 %)	65	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
 WATER

Spiked Order No. : 866439

Dup Spiked Order No. : 866440

Client ID:

Test: 8082 PCB'S

Analytical Units: UG/L

Run Number : 123920

ANALYTE	SPIKE	SAMPLE	BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS	
	ADDED	CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
PCB 1260	5.0	0	4.70	94	5.20	104	10	30	57 - 136	

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 12/21/05

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 866438	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 123920

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/28/05			
DATE ANALYZED : 12/12/05			
ANALYTICAL DILUTION: 1.00			
PCB 1016	1.0	1.0 U	UG/L
PCB 1221	2.0	2.0 U	UG/L
PCB 1232	1.0	1.0 U	UG/L
PCB 1242	1.0	1.0 U	UG/L
PCB 1248	1.0	1.0 U	UG/L
PCB 1254	1.0	1.0 U	UG/L
PCB 1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL	(10 - 144 %)	81	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	70	%

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475

85

CAS Contact

ANALYSIS REQUESTED (Include Method Number and Container Preservative)									
Project Name	Project Number	Project Manager	Company/Address	Phone #	FAX #	Sample's Printed Name	FOR OFFICE USE ONLY	SAMPLING DATE	MATRIX
CLIENT SAMPLE ID	LAB ID	DATE	TIME						
MW-1D SET# 2		11-22-05	930	AQ	6				
MW-1S 1		1000		AQ	6				
MW-2D 3		1040		AQ	6				
MW-2S 4		1110		AQ	6				
MW-3D 5		1145		AQ	6				
MW-3S SET# 6		11-22-05	1220	AQ	6				

Project Name	Project Number	Project Manager	Company/Address	Phone #	FAX #	Sample's Printed Name	FOR OFFICE USE ONLY	SAMPLING DATE	MATRIX
CLIENT SAMPLE ID	LAB ID	DATE	TIME						
MW-1D SET# 2		11-22-05	930	AQ	6				
MW-1S 1		1000		AQ	6				
MW-2D 3		1040		AQ	6				
MW-2S 4		1110		AQ	6				
MW-3D 5		1145		AQ	6				
MW-3S SET# 6		11-22-05	1220	AQ	6				

Project Name	Project Number	Project Manager	Company/Address	Phone #	FAX #	Sample's Printed Name	FOR OFFICE USE ONLY	SAMPLING DATE	MATRIX
CLIENT SAMPLE ID	LAB ID	DATE	TIME						
MW-1D SET# 2		11-22-05	930	AQ	6				
MW-1S 1		1000		AQ	6				
MW-2D 3		1040		AQ	6				
MW-2S 4		1110		AQ	6				
MW-3D 5		1145		AQ	6				
MW-3S SET# 6		11-22-05	1220	AQ	6				

Project Name	Project Number	Project Manager	Company/Address	Phone #	FAX #	Sample's Printed Name	FOR OFFICE USE ONLY	SAMPLING DATE	MATRIX
CLIENT SAMPLE ID	LAB ID	DATE	TIME						
MW-1D SET# 2		11-22-05	930	AQ	6				
MW-1S 1		1000		AQ	6				
MW-2D 3		1040		AQ	6				
MW-2S 4		1110		AQ	6				
MW-3D 5		1145		AQ	6				
MW-3S SET# 6		11-22-05	1220	AQ	6				

Project Name	Project Number	Project Manager	Company/Address	Phone #	FAX #	Sample's Printed Name	FOR OFFICE USE ONLY	SAMPLING DATE	MATRIX
CLIENT SAMPLE ID	LAB ID	DATE	TIME						
MW-1D SET# 2		11-22-05	930	AQ	6				
MW-1S 1		1000		AQ	6				
MW-2D 3		1040		AQ	6				
MW-2S 4		1110		AQ	6				
MW-3D 5		1145		AQ	6				
MW-3S SET# 6		11-22-05	1220	AQ	6				

Project Name	Project Number	Project Manager	Company/Address	Phone #	FAX #	Sample's Printed Name	FOR OFFICE USE ONLY	SAMPLING DATE	MATRIX
CLIENT SAMPLE ID	LAB ID	DATE	TIME						
MW-1D SET# 2		11-22-05	930	AQ	6				
MW-1S 1		1000		AQ	6				
MW-2D 3		1040		AQ	6				
MW-2S 4		1110		AQ	6				
MW-3D 5		1145		AQ	6				
MW-3S SET# 6		11-22-05	1220	AQ	6				

Project Name	Project Number	Project Manager	Company/Address	Phone #	FAX #	Sample's Printed Name	FOR OFFICE USE ONLY	SAMPLING DATE	MATRIX
CLIENT SAMPLE ID	LAB ID	DATE	TIME						
MW-1D SET# 2		11-22-05	930	AQ	6				
MW-1S 1		1000		AQ	6				
MW-2D 3		1							

Cooler Receipt And Preservation Check Form

Project/Client shaw Submission Number R2528935

Cooler received on 11/23/05 by: UNK COURIER: CAS UPS FEDEX VELOCITY CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO *1 vial broken 35*
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC CLIENT
7. Temperature of cooler(s) upon receipt: 10° 2°

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 11/23/05 1025

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples

PC Secondary Review: MMW/24/05

Cooler Breakdown: Date: 11/23/05 by: UNK

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies:

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃	☒				
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK

NO = Samples were preserved at lab as listed

PC OK to adjust pH

**If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

PC Secondary Review:

Attachment B
Field Sampling Data Sheets



FIELD SAMPLING DATA SHEET

sample ID MW-1S sample date/time 11/22/2005 10:00
(lab) sample number Set #1 field personnel Brian Nichols
project Mamaroneck Alex Maldonado
project number 791158-01000000 observer _____
weather conditions (estimate wind, cloud, precip, humidity, temp)
Rain 65 degrees

SAMPLE TYPE

☐ composite ☒ grab
☒ groundwater ☐ surface water ☐ soil ☐ sediment
☐ leachate ☐ industrial ☐ storm sewer ☐ gas
☐ other _____

MONITORING WELL DATA

casing diameter 2" ☐ PVC ☒ steel ☐ other
static water level 1.62 from ☒ well casing from ☐ protective casing
bottom depth 17.52 from ☒ well casing from ☐ protective casing
static water level indicator type ☐ steel tape ☒ electronic ☐ other
linear conversion 0.16 water volume in well 2.54 gallons
well condition Good

MONITORING WELL PURGE DATA

☒ submersible pump ☐ PVC bailer ☐ suction pump ☐ teflon bailer
☐ poly bailer ☐ poly cup ☐ other _____
dedicated purge equipment ? ☒ yes ☐ no
pumping rate 1 elapsed time 10
bail volume _____ number of bails _____
volume purged 10 gallons well volumes 3.93
time purge complete 9:55 well evacuated ? ☐ yes ☒ no

SAMPLING DATA

☐ pump ☐ PVC bailer ☒ poly bailer ☐ teflon bailer
☐ stainless bucket ☐ poly cup ☐ tedlar bag ☐ direct
☐ hand corer ☐ hand auger ☐ stainless spoon ☐ split spoon
☐ other _____
dedicated sampling equipment ? ☒ yes ☐ no
metals field filtered ? ☐ yes ☒ no
depth of sample ~ 6'
sample containers _____

PHYSICAL AND CHEMICAL DATA

odor ? ☒ no ☐ yes
sediment ? ☒ no ☐ yes
color ? ☐ no ☒ yes Orange particles
☐ clear ☐ turbid ☐ sheen ☐ immiscible product
☒ other Sl. Turbid
pH (SU) 6.86 temp (C) 11.3 cond (µS) 945
ORP (mv) 4.9 turbidity (NTUs) 19 PID (ppm) _____
comments/remarks BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE

**FIELD SAMPLING DATA SHEET**

sample ID MW-1D sample date/time 11/22/2005 9:30
(lab) sample number Set #2 field personnel Brian Nichols
project Mamaroneck Alex Maldonado
project number 791158-01000000 observer _____
weather conditions (estimate wind, cloud, precip, humidity, temp)
Rain 65 degrees

SAMPLE TYPE

☐ composite ☒ grab
☒ groundwater ☐ surface water ☐ soil ☐ sediment
☐ leachate ☐ industrial ☐ storm sewer ☐ gas
☐ other _____

MONITORING WELL DATA

casing diameter 2" ☐ PVC ☒ steel ☐ other
static water level 1.16 from ☒ well casing from ☐ protective casing
bottom depth 64.51 from ☒ well casing from ☐ protective casing
static water level indicator type ☐ steel tape ☒ electronic ☐ other
linear conversion 0.16 water volume in well 10.14 gallons
well condition Good

MONITORING WELL PURGE DATA

☒ submersible pump ☐ PVC bailer ☐ suction pump ☐ teflon bailer
☐ poly bailer ☐ poly cup ☐ other _____
dedicated purge equipment? ☐ yes ☒ no
pumping rate 1.6 elapsed time 20
bail volume _____ number of bails _____
volume purged 32 gallons well volumes 3.16
time purge complete 9:25 well evacuated? ☐ yes ☒ no

SAMPLING DATA

☐ pump ☐ PVC bailer ☒ poly bailer ☐ teflon bailer
☐ stainless bucket ☐ poly cup ☐ tedlar bag ☐ direct
☐ hand corer ☐ hand auger ☐ stainless spoon ☐ split spoon
☐ other _____
dedicated sampling equipment? ☒ yes ☐ no
metals field filtered? ☐ yes ☒ no
depth of sample ~3'
sample containers _____

PHYSICAL AND CHEMICAL DATA

odor? ☒ no ☐ yes
sediment? ☒ no ☐ yes
color? ☒ no ☐ yes
☐ clear ☐ turbid ☐ sheen ☐ immiscible product
☒ other Slightly turbid
pH (SU) 7.22 temp (C) 9.9 cond (μS) 486
ORP (mv) -14.7 turbidity (NTUs) 35.9 PID (ppm) _____
comments/remarks BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE

**Emcon****FIELD SAMPLING DATA SHEET**

sample ID	<u>MW-2D</u>	sample date/time	<u>11/22/2005</u> <u>10:40</u>
(lab) sample number	<u>Set #3</u>	field personnel	<u>Brian Nichols</u>
project	<u>Mamaroneck</u>		<u>Alex Maldonado</u>
project number	<u>791158-01000000</u>	observer	<u></u>
weather conditions (estimate wind, cloud, precip, humidity, temp)			
<u>Rain 65 degrees</u>			

SAMPLE TYPE

☐ composite	☒ grab		
☒ groundwater	☐ surface water	☐ soil	☐ sediment
☐ leachate	☐ industrial	☐ storm sewer	☐ gas
☐ other	<u></u>		

MONITORING WELL DATA

casing diameter	<u>2"</u>	☐ PVC	☒ steel	☐ other
static water level	<u>1.13</u>	from ☒ well casing	from ☐ protective casing	
bottom depth	<u>64.09</u>	from ☒ well casing	from ☐ protective casing	
static water level indicator type	☐ steel tape	☒ electronic	☐ other	
linear conversion	<u>0.16</u>	water volume in well	<u>10.07</u>	<u>gallons</u>
well condition	<u>Good</u>			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	<u></u>
dedicated purge equipment ? ☐ yes		☒ no	
pumping rate	<u>1.631579</u>	elapsed time	<u>19</u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>31</u> gallons	well volumes	<u>3.08</u>
time purge complete	<u>10:38</u>	well evacuated ? ☐ yes	☒ no

SAMPLING DATA

☐ pump	☐ PVC bailer	☒ poly bailer	☐ teflon bailer
☐ stainless bucket	☐ poly cup	☐ tedlar bag	☐ direct
☐ hand corer	☐ hand auger	☐ stainless spoon	☐ split spoon
☐ other	<u></u>		
dedicated sampling equipment ? ☒ yes		☐ no	
metals field filtered ? ☐ yes		☒ no	
depth of sample	<u>~ 4'</u>		
sample containers	<u></u>		

PHYSICAL AND CHEMICAL DATA

odor ? ☒ no	☐ yes	<u></u>
sediment ? ☒ no	☐ yes	<u></u>
color ? ☒ no	☐ yes	<u></u>
☒ clear	☐ turbid	☐ sheen
☐ other	<u></u>	☐ immiscible product
pH (SU)	<u>7.07</u>	temp (C)
ORP (mv)	<u>-6.4</u>	<u>10.5</u>
comments/remarks	<u>BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE</u>	cond (µS)
	<u>WELL RIMS ARE BROKEN AND MISSING SCREWS</u>	<u>537</u>
		PID (ppm)
		<u></u>



FIELD SAMPLING DATA SHEET

sample ID	MW-2S	sample date/time	11/22/2005 11:10
(lab) sample number	Set #4	field personnel	Brian Nichols
project	Mamaroneck		Alex Maldonado
project number	791158-01000000	observer	
weather conditions(estimate wind,cloud,precip,humidity,temp) Rain 65 degrees			

SAMPLE TYPE

☐ composite	☒ grab		
☒ groundwater	☐ surface water	☐ soil	☐ sediment
☐ leachate	☐ industrial	☐ storm sewer	☐ gas
☐ other			

MONITORING WELL DATA

casing diameter	2"	☐ PVC	☒ steel	☐ other
static water level	1.86	from ☒ well casing	from ☐ protective casing	
bottom depth	15.62	from ☒ well casing	from ☐ protective casing	
static water level indicator type		☐ steel tape	☒ electronic	☐ other
linear conversion	0.16	water volume in well	2.20	gallons
well condition	Good			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	
dedicated purge equipment ? ☐ yes		☒ no	
pumping rate	1	elapsed time	10
bail volume		number of bails	
volume purged	10 gallons	well volumes	4.54
time purge complete	11:08	well evacuated ? ☐ yes	☒ no

SAMPLING DATA

☐ pump	☐ PVC bailer	☒ poly bailer	☐ teflon bailer
☐ stainless bucket	☐ poly cup	☐ tedlar bag	☐ direct
☐ hand corer	☐ hand auger	☐ stainless spoon	☐ split spoon
☐ other			
dedicated sampling equipment ? ☒ yes		☐ no	
metals field filtered ? ☐ yes		☒ no	
depth of sample	~4'		
sample containers			

PHYSICAL AND CHEMICAL DATA

odor ? ☒ no	☐ yes		
sediment ? ☒ no	☐ yes		
color ? ☒ no	☐ yes		
☒ clear	☐ turbid	☐ sheen	☐ immiscible product
☐ other			
pH (SU)	7.12	temp (C)	11.3
ORP (mv)	-9.1	turbidity (NTUs)	4.14
		cond (μS)	805
		PID (ppm)	
comments/remarks BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE			
WELL COVER MISSING WELL RIMS ARE BROKEN AND MISSING SCREWS			

**emcon****FIELD SAMPLING DATA SHEET**

sample ID	MW-3D	sample date/time	11/22/2005 11:45
(lab) sample number	Set # 5	field personnel	Brian Nichols
project	Mamaroneck		Alex Maldonado
project number	791158-01000000	observer	
weather conditions (estimate wind, cloud, precip, humidity, temp)			
Rain 65 degrees			

SAMPLE TYPE

☐ composite	☒ grab		
☒ groundwater	☐ surface water	☐ soil	☐ sediment
☐ leachate	☐ industrial	☐ storm sewer	☐ gas
☐ other			

MONITORING WELL DATA

casing diameter	2"	☐ PVC	☒ steel	☐ other
static water level	1.45	from ☒ well casing	from ☐ protective casing	
bottom depth	31.48	from ☒ well casing	from ☐ protective casing	
static water level indicator type		☐ steel tape	☒ electronic	☐ other
linear conversion	0.16	water volume in well 4.80 gallons		
well condition	Good			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	
dedicated purge equipment ? ☐ yes		☒ no	
pumping rate	0.444444	elapsed time	45
bail volume		number of bails	
volume purged	20 gallons	well volumes	4.16
time purge complete	11:43	well evacuated ? ☐ yes	☒ no

SAMPLING DATA

☐ pump	☐ PVC bailer	☒ poly bailer	☐ teflon bailer
☐ stainless bucket	☐ poly cup	☐ tedlar bag	☐ direct
☐ hand corer	☐ hand auger	☐ stainless spoon	☐ split spoon
☐ other			
dedicated sampling equipment ? ☒ yes		☐ no	
metals field filtered ? ☐ yes		☒ no	
depth of sample	~ 5'		
sample containers			

PHYSICAL AND CHEMICAL DATA

odor ? ☒ no	☐ yes	
sediment ? ☒ no	☐ yes	
color ? ☐ no	☒ yes	Orange tint
☐ clear	☐ turbid	☐ sheen
☒ other	slightly turbid	☐ immiscible product
pH (SU)	6.92	temp (C)
ORP (mv)	2.4	turbidity (NTUs)
		cond (μS)
		PID (ppm)
comments/remarks BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE		



FIELD SAMPLING DATA SHEET

sample ID	MW-3S	sample date/time	11/22/2005	12:20
(lab) sample number	Set #6	field personnel	Brian Nichols	
project	Mamaroneck	observer	Alex Maldonado	
project number	791158-01000000	observer		
weather conditions(estimate wind,cloud,precip,humidity,temp) Rain 65 degrees				

SAMPLE TYPE

☐ composite	☒ grab		
☒ groundwater	☐ surface water	☐ soil	☐ sediment
☐ leachate	☐ industrial	☐ storm sewer	☐ gas
☐ other			

MONITORING WELL DATA

casing diameter	2"	☐ PVC	☒ steel	☐ other
static water level	1.88	from ☒ well casing	from ☐ protective casing	
bottom depth	18.04	from ☒ well casing	from ☐ protective casing	
static water level indicator type		☐ steel tape	☒ electronic	☐ other
linear conversion	0.16	water volume in well	2.59	gallons
well condition	Good			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	
dedicated purge equipment ? ☒ yes		☐ no	
pumping rate	0.909091	elapsed time	11
bail volume		number of bails	
volume purged	10 gallons	well volumes	3.87
time purge complete	12:18	well evacuated ?	☐ yes ☒ no

SAMPLING DATA

☐ pump	☐ PVC bailer	☒ poly bailer	☐ teflon bailer
☐ stainless bucket	☐ poly cup	☐ tedlar bag	☐ direct
☐ hand corer	☐ hand auger	☐ stainless spoon	☐ split spoon
☐ other			
dedicated sampling equipment ? ☒ yes		☐ no	
metals field filtered ? ☐ yes		☒ no	
depth of sample	~ 5'		
sample containers			

PHYSICAL AND CHEMICAL DATA

odor ? ☒ no	☐ yes				
sediment ? ☒ no	☐ yes				
color ? ☒ no	☐ yes				
☐ clear	☐ turbid	☐ sheen ☐ immiscible product			
☒ other	slightly turbid				
pH (SU)	6.74	temp (C)	10.8	cond (uS)	967
ORP (mv)	11.6	turbidity (NTUs)	34	PID (ppm)	
comments/remarks BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE					

Attachment C

Historical Summary Tables for Analytical Parameters

**Village of Mamaroneck
Taylor Lane Compost Site
Summary of Analytical Parameters
(Concentrations in ug/l)**

Well Identification									
Analytical Parameter	Sampling Date	MW-1S		MW-1D		MW-2S		MW-2D	
		MW-3S		MW-3D					
Arsenic GW Standard 25.0 ug/L	5/22/1997	3.7	B	4.9	B	4.4	B	7.9	B
	11/14/1997	17.2		5.2	B	5.9	B	4.6	B
	5/19/1998	8.3	B	9.1	B	7.6	B	7.6	B
	11/5/1998	24.5		34.2		21.4		13.4	
	5/25/1999	6.8	U	6.8	U	6.8	U	6.8	U
	11/18/1999	2.9	U	2.9	U	2.9	U	7.8	
	6/28/2000	2.9	U	2.9	U	2.9	U	3.6	B
	11/15/2000	11.2		10	U	10	U	10	U
	6/20/2001	3.5	U	3.5	U	3.5	U	3.5	U
	11/29/2001	10	U	10	U	10	U	10	U
	6/26/2002	10	U	10	U	10	U	10	U
	11/19/2002	10	U	10	U	10	U	10	U
	6/24/2003	10	U	10	U	10	U	10	U
	11/17/2003	10	U	10	U	10	U	10	U
	6/21/2004	10	U	10	U	10	U	10	U
	11/22/2004	10	U	10	U	10	U	10	U
	6/22/2005	10	U	10	U	10	U	10	U
	11/22/2005	10	U	10	U	10	U	10	U

U - Analyte was analyzed for, but not detected

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

**Village of Mamaroneck
Taylor Lane Compost Site
Summary of Analytical Parameters
(Concentrations in ug/l)**

Well Identification											
Analytical Parameter	Sampling Date	MW-1S		MW-1D		MW-2S		MW-2D		MW-3S	
Cadmium GW Standard 5.0 ug/L	5/22/1997	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
	11/14/1997	3.3	B	0.6	U	1.2	B	0.85	B	2.8	B
	5/19/1998	0.81	B	0.2	B	0.67	B	0.36	B	1.3	B
	11/5/1998	1.1	B	0.75	U	0.87	B	1.2	B	4.2	B
	5/25/1999	1.4	B	0.57	U	0.57	U	0.57	U	0.57	U
	11/18/1999	2.8		0.34	U	2.1		0.34	U	4.8	
	6/28/2000	1.1	B	0.22	U	1.4	B	0.22	U	1.1	B
	11/15/2000	5	U	5	U	5	U	5	U	5	U
	6/20/2001	3.21		2.33		4		0.85	U	4.54	
	11/29/2001	5	U	5	U	5	U	5	U	5	U
	6/26/2002	5	U	5	U	5	U	5	U	5	U
	11/19/2002	5	U	5	U	5	U	5	U	5	U
	6/24/2003	5	U	5	U	5	U	5	U	5	U
	11/17/2003	5	U	5	U	5	U	5	U	5	U
	6/21/2004	5	U	5	U	5	U	5	U	5	U
	11/22/2004	5	U	5	U	5	U	5	U	5	U
	6/22/2005	5	U	5	U	5	U	5	U	5	U
	11/22/2005	5	U	5	U	5	U	5	U	5	U

U - Analyte was analyzed for, but not detected

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

**Village of Mamaroneck
Taylor Lane Compost Site
Summary of Analytical Parameters
(Concentrations in ug/l)**

Well Identification									
Analytical Parameter	Sampling Date	MW-1S		MW-1D		MW-2S		MW-2D	
		MW-3S		MW-3D					
Copper GW Standard 200 ug/L	5/22/1997	5.7	B	3.6	B	19.9	B	1.7	U
	11/14/1997	46.5		13.1	B	34.2		7.7	B
	5/19/1998	9.3	B	3.7	B	5.7	B	4.5	B
	11/5/1998	8.3	B	16.6	B	13.9	B	77.4	
	5/25/1999	6.8	B	21.4	B	7.2	B	18.5	B
	11/18/1999	21.8		23.1		103		7.6	
	6/28/2000	3.7	U	15	B	36		3.7	U
	11/15/2000	87		38.4		20	U	20	U
	6/20/2001	10.3		17.7		145		17.1	
	11/29/2001	20	U	20	U	25.9		20	U
	6/26/2002	20	U	23		20	U	20	U
	11/19/2002	20	U	40		47		20	U
	6/24/2003	20	U	20	U	20	U	20	U
	11/17/2003	20	U	20	U	20	U	20	U
	6/21/2004	20	U	20	U	20	U	27.4	
	11/22/2004	20	U	20	U	20	U	56	
	6/22/2005	20	U	20	U	20	U	20	U
	11/22/2005	20	U	31.2		20	U	20	U

U - Analyte was analyzed for, but not detected

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

**Village of Mamaroneck
Taylor Lane Compost Site
Summary of Analytical Parameters
(Concentrations in ug/l)**

Well Identification									
Analytical Parameter	Sampling Date	MW-1S		MW-1D		MW-2S		MW-2D	
Lead GW Standard 25 ug/L	5/22/1997	1.1	U	1.1	U	4.4		1.1	U
	11/14/1997	2.4	B	0.7	U	2.9	B	0.7	U
	5/19/1998	1.4	B	0.7	U	0.81	B	0.7	U
	11/5/1998	1.8	U	1.8	U	1.8	U	1.8	U
	5/25/1999	1.8	U	1.8	U	1.8	U	13	
	11/18/1999	0.99	U	0.99	U	21		0.99	U
	6/28/2000	2.3	U	44.4		7.2		2.3	U
	11/15/2000	5	U	91.8		8.05		5	U
	6/20/2001	1.69		37.9		45.2		5.13	
	11/29/2001	5	U	5	U	5	U	5	U
	6/26/2002	5	U	5	U	5.88		5	U
	11/19/2002	5	U	5.64		13.2		5	U
	6/24/2003	5	U	5	U	5	U	5	U
	11/17/2003	5	U	5	U	5	U	5	U
	6/21/2004	5	U	5	U	5	U	5	U
	11/22/2004	5	U	5	U	5	U	5	U
	6/22/2005	5	U	5	U	5	U	5	U
	11/22/2005	5	U	10.7		5	U	5	U

U - Analyte was analyzed for, but not detected

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

**Village of Mamaroneck
Taylor Lane Compost Site
Summary of Analytical Parameters
(Concentrations in ug/l)**

Well Identification									
Analytical Parameter	Sampling Date	MW-1S		MW-1D		MW-2S		MW-2D	
Mercury GW Standard 0.7 ug/L	5/22/1997	0.2	U	0.2	U	0.2	U	0.2	U
	11/14/1997	0.1	U	0.1	U	0.1	U	0.1	U
	5/19/1998	0.1	U	0.1	U	0.1	U	0.1	U
	11/5/1998	0.1	U	0.1	U	0.1	U	0.1	U
	5/25/1999	0.05	U	0.05	U	0.05	U	0.05	U
	11/18/1999	0.04	U	0.04	U	0.09		0.04	U
	6/28/2000	0.05	B	0.01	U	0.02	B	0.01	U
	11/15/2000	0.03	U	0.03	U	0.03	U	0.03	U
	6/20/2001	0.03	U	0.03	U	0.03	U	0.28	
	11/29/2001	0.3	U	0.3	U	0.3	U	0.3	U
	6/26/2002	0.3	U	0.3	U	0.3	U	0.3	U
	11/19/2002	0.3	U	0.3	U	0.3	U	0.3	U
	6/24/2003	0.3	U	0.3	U	0.3	U	0.3	U
	11/17/2003	0.3	U	0.3	U	0.3	U	0.3	U
	6/21/2004	0.3	U	0.3	U	0.3	U	0.3	U
	11/22/2004	0.3	U	0.3	U	0.3	U	0.3	U
	6/22/2005	0.3	U	0.3	U	0.3	U	0.3	U
	11/22/2005	0.3	U	0.3	U	0.3	U	0.3	U

U - Analyte was analyzed for, but not detected

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

**Village of Mamaroneck
Taylor Lane Compost Site
Summary of Analytical Parameters
(Concentrations in ug/l)**

Well Identification								
Analytical Parameter	Sampling Date	MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D	
Zinc GW Standard 300 ug/L	5/22/1997	20	17.2 B	31.3	12.6 B	83.7		931
	11/14/1997	74.2	37	75	10.6 B	102		514
	5/19/1998	130	12.7 B	23.7	10.6	48.7		806
	11/5/1998	13.9 B	27.9	23.3	51.4	29.9		659
	5/25/1999	15 B	36.7	16.2 B	8.8	21.8		558
	11/18/1999	26.8	38	95.6	20.4	102		101
	6/28/2000	7.9 B	104	202	21.3	432		941
	11/15/2000	20 U	1650	52.8	26.8	122		2040
	6/20/2001	25	630	274	72.6	314		246
	11/29/2001	20 U	29.5	23.1	20 U	56.5		56.4
	6/26/2002	20 U	28.2	76.8	20 U	20 U	20 U	
	11/19/2002	20 U	69.6	65.2	20 U	20 U	20 U	
	6/24/2003	20 U	20 U	20 U	42.9	20 U	20 U	
	11/17/2003	20 U	20 U	20 U	55.5	38.6	20 U	
	6/21/2004	21	20 U	20 U	55.5	45.7	20 U	
	11/22/2004	20 U	20 U	20 U	20 U	113	20 U	
	6/22/2005	20 U	20 U	20 U	20 U	113	20 U	
	11/22/2005	20.5	144	32.9	20 U	33.3	58.6	

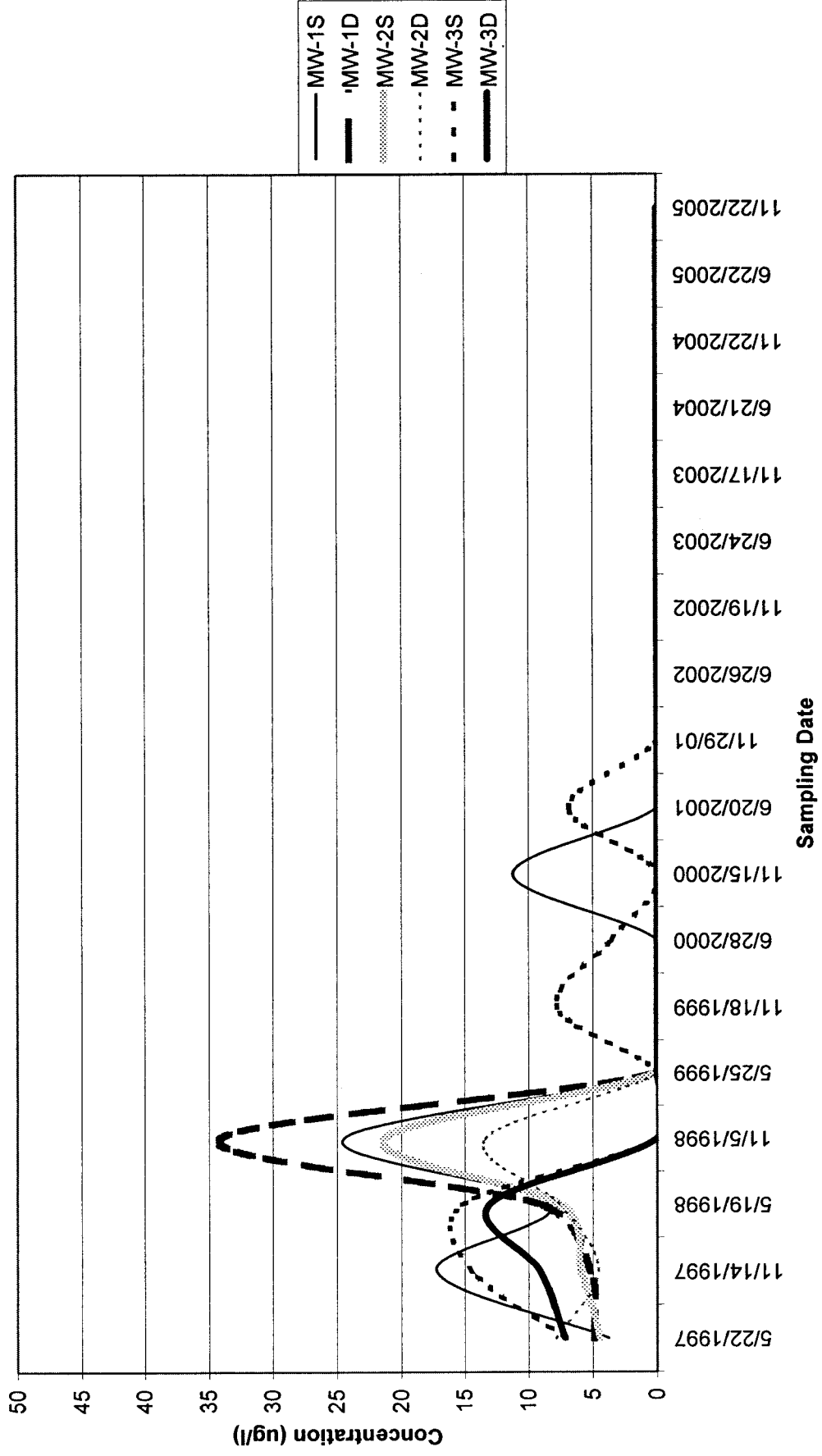
U - Analyte was analyzed for, but not detected

B - The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).

Attachment D

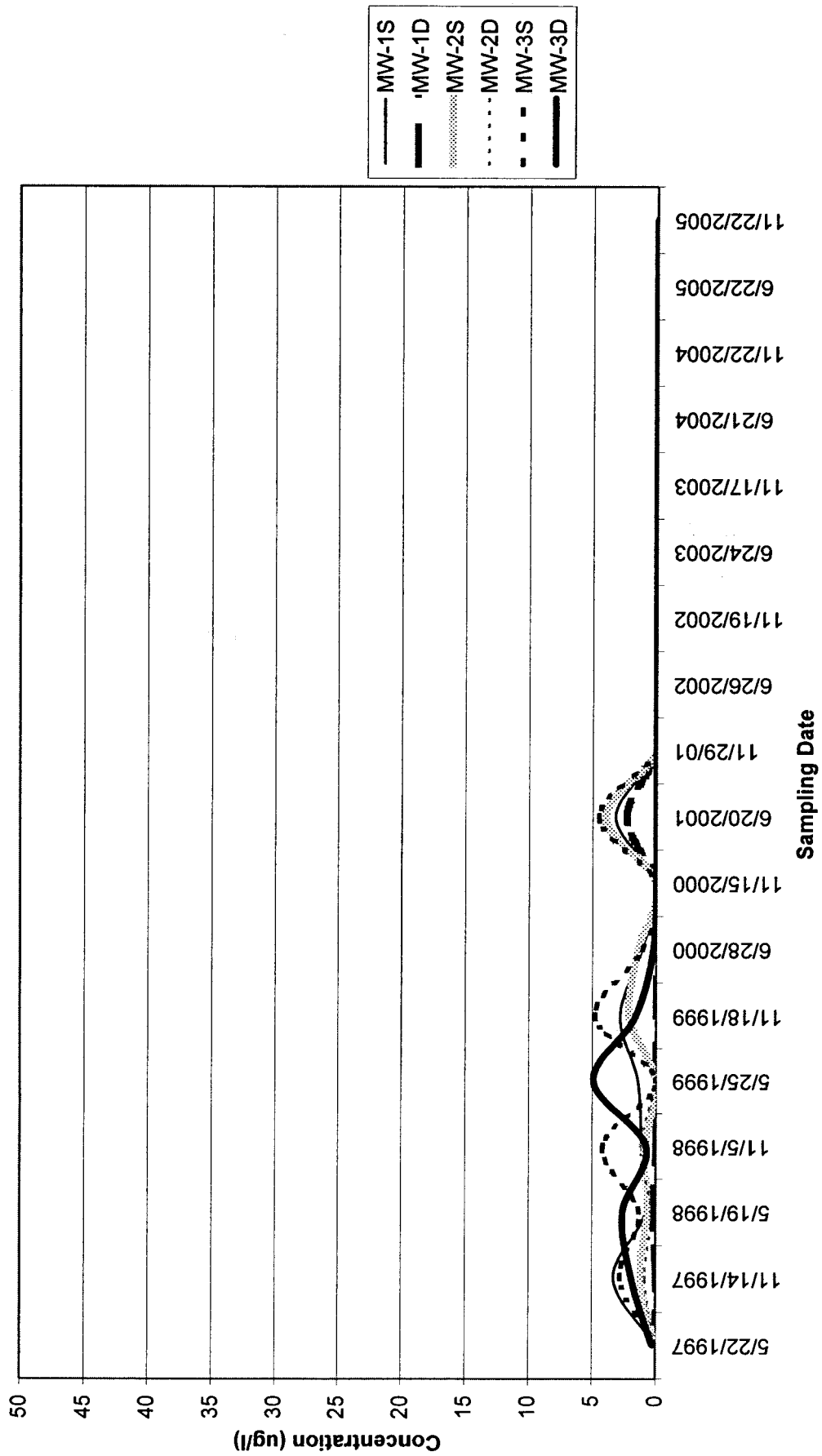
Historical Groundwater Monitoring Graphs

Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Arsenic (ug/L)

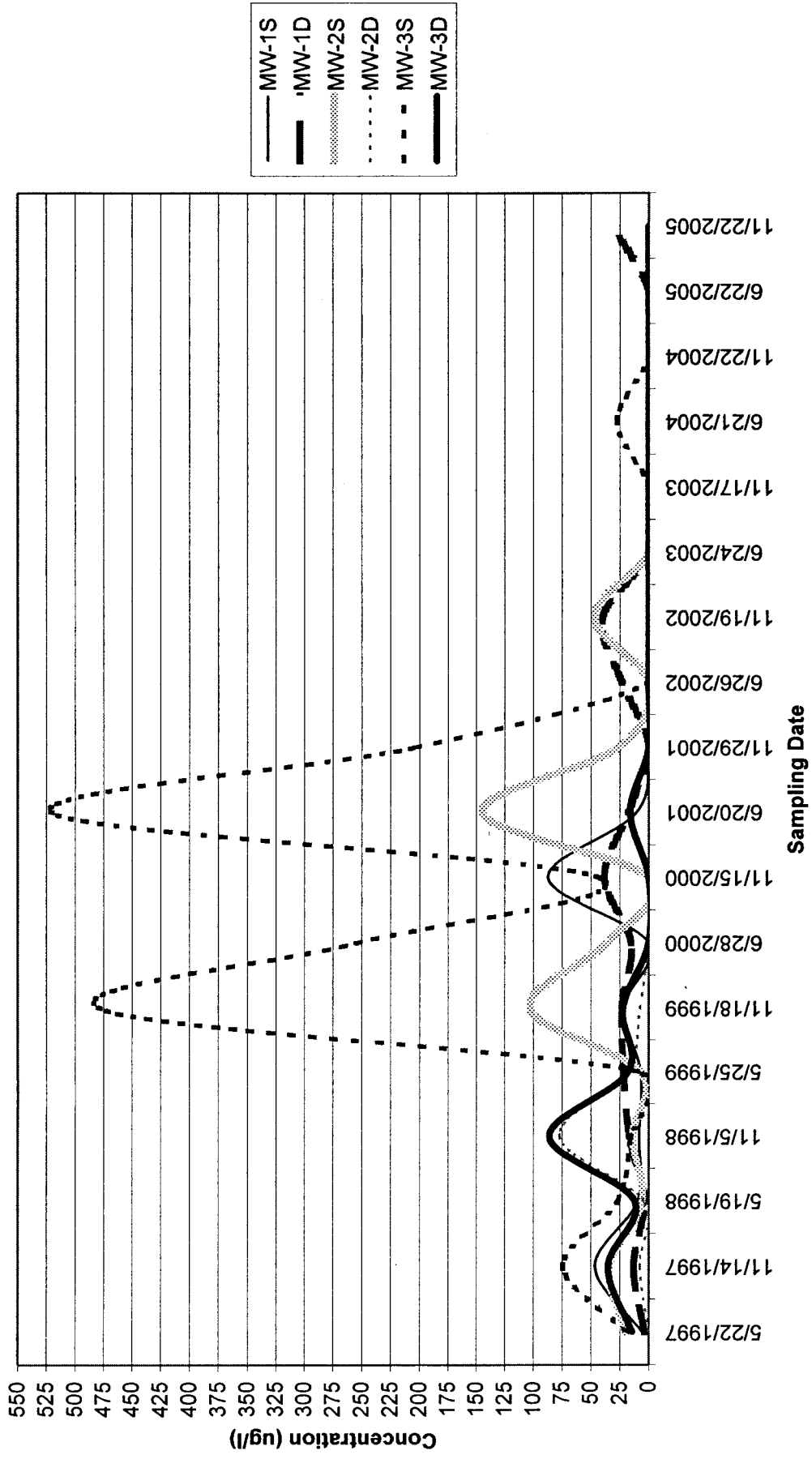


The graph displays the concentration of a substance (in ug/l) over time (Sampling Date) for six monitoring wells. The y-axis represents Concentration (ug/l) from 0 to 50. The x-axis represents Sampling Date from 5/22/1997 to 11/22/2005. The legend identifies the wells by their line styles: MW-1S (solid line), MW-1D (thick solid line), MW-2S (dotted line), MW-2D (dashed line), MW-3S (dash-dot line), and MW-3D (thick dash-dot line). MW-1S and MW-1D show the highest concentrations, peaking around 1998 and 2001. MW-2S and MW-2D show lower concentrations, generally below 10 ug/l. MW-3S and MW-3D show the lowest concentrations, generally below 5 ug/l.

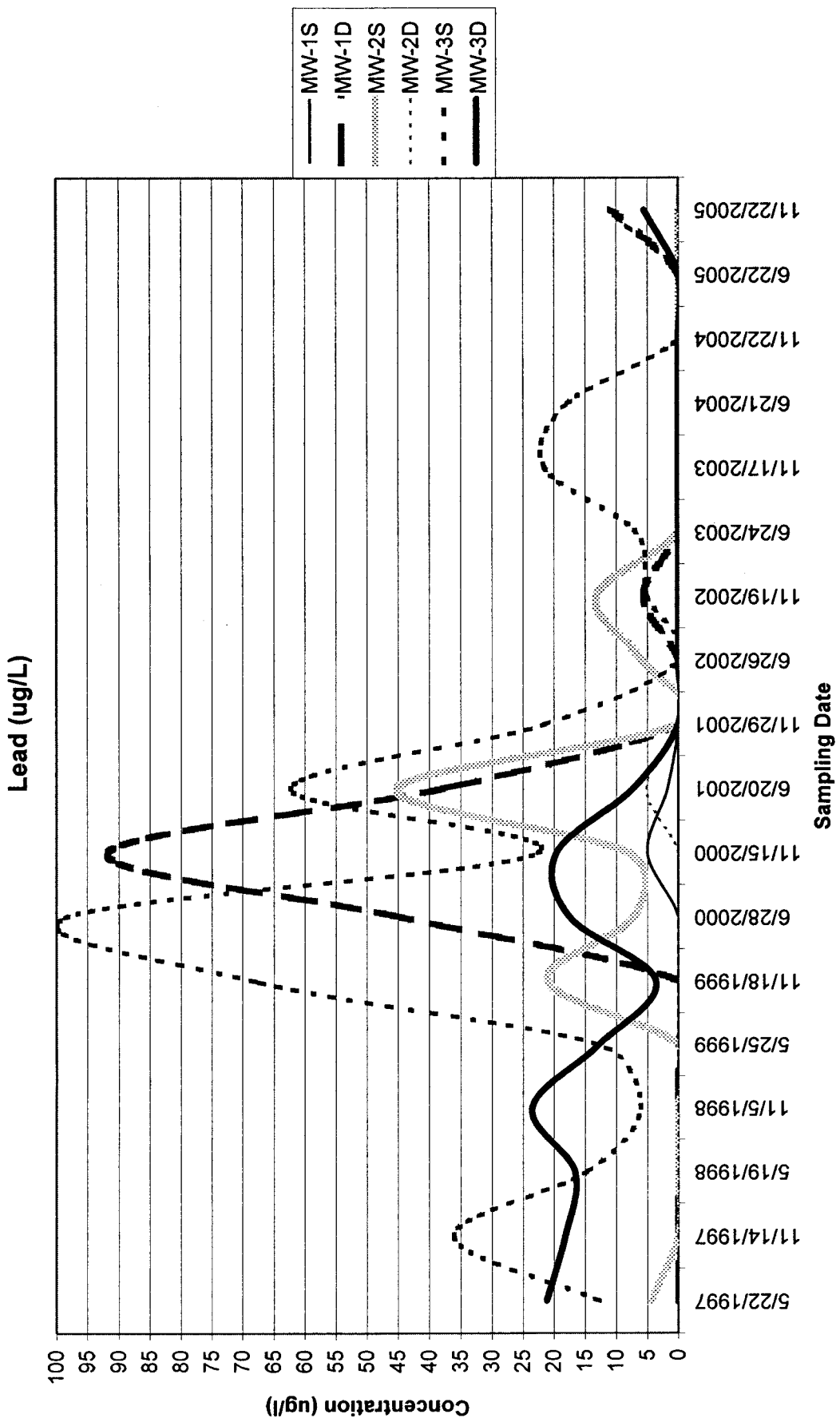
Sampling Date	MW-1S (ug/l)	MW-1D (ug/l)	MW-2S (ug/l)	MW-2D (ug/l)	MW-3S (ug/l)	MW-3D (ug/l)
5/22/1997	2	2	1	1	0.5	0.5
11/14/1997	4	4	2	2	1	1
5/19/1998	6	6	3	3	1.5	1.5
11/5/1998	4	4	2	2	1	1
5/25/1999	6	6	3	3	1.5	1.5
11/18/1999	4	4	2	2	1	1
6/28/2000	4	4	2	2	1	1
11/15/2000	4	4	2	2	1	1
6/20/2001	6	6	3	3	1.5	1.5
11/29/01	4	4	2	2	1	1
6/26/2002	4	4	2	2	1	1
11/19/2002	4	4	2	2	1	1
6/24/2003	4	4	2	2	1	1
11/17/2003	4	4	2	2	1	1
6/21/2004	4	4	2	2	1	1
11/22/2004	4	4	2	2	1	1
6/22/2005	4	4	2	2	1	1
11/22/2005	4	4	2	2	1	1



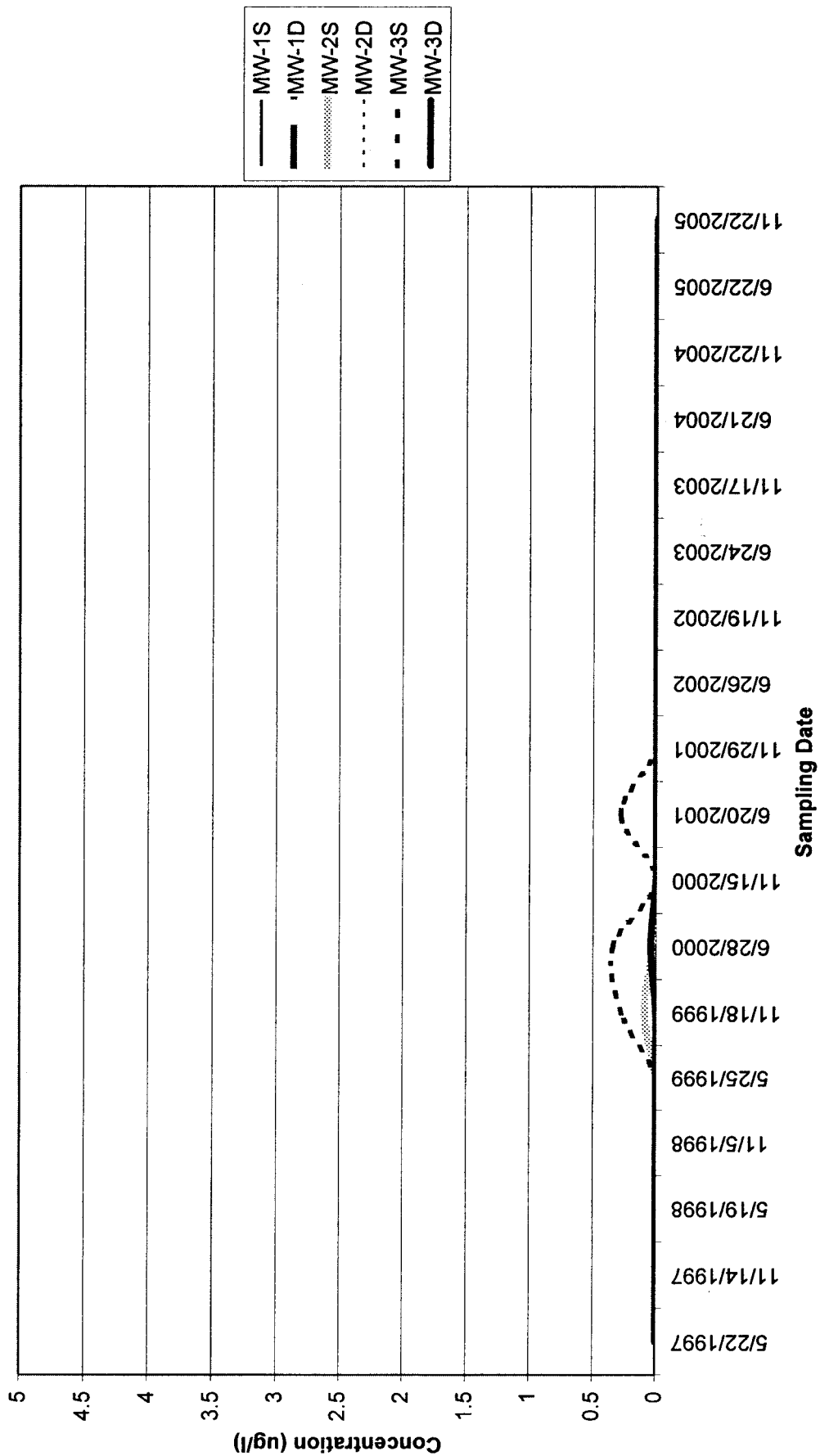
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph



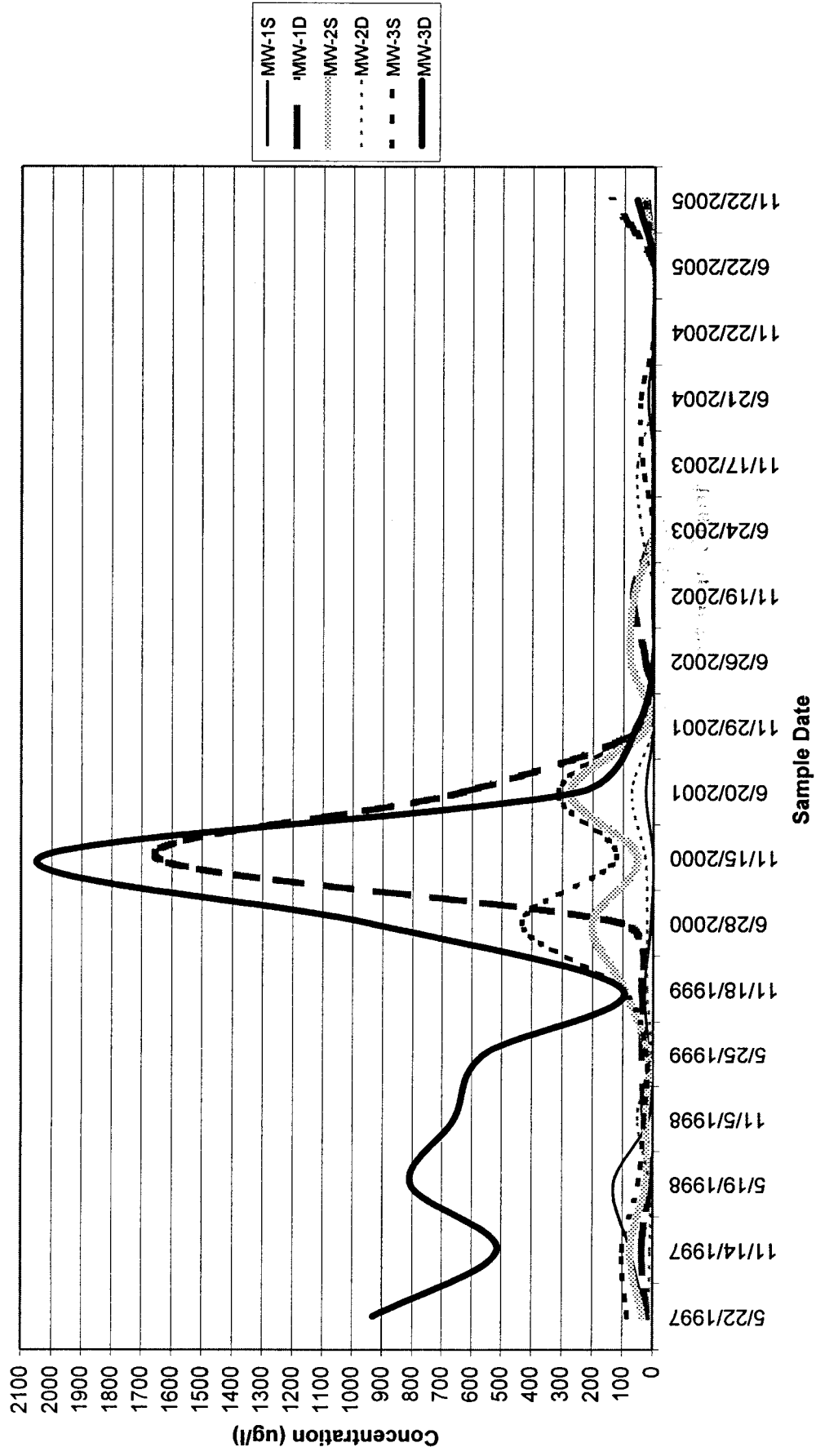
Village of Mamaroneck, Taylor Lane Historical Groundwater Monitoring Graph



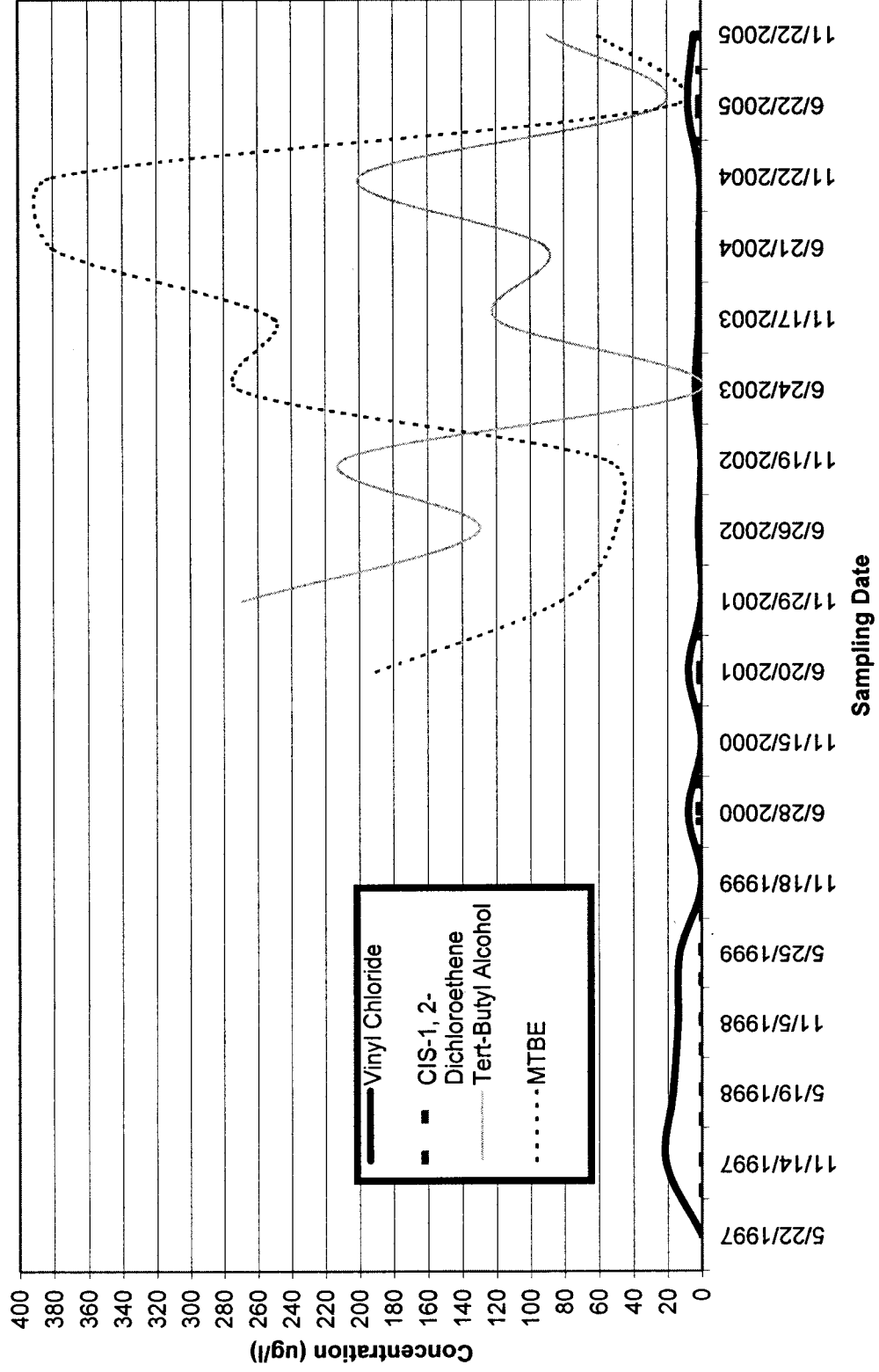
Village of Mamaroneck, Taylor Lane
 Historical Groundwater Monitoring Graph
 Mercury (ug/L)



Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph



Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Results for VOC Compounds in MW-2S



Attachment E

Historical Summary Tables for Field Parameters

**Village of Mamaroneck
Taylor Lane Compost Site
Summary of Field Parameters**

[illegible]

Notes:

(μ S): Units of Conductivity (micro Siemens)

[illegible]

(μ S): Units of Conductivity (micro Siemens)

Village of Mamaroneck Taylor Lane Compost Site Summary of Field Parameters

[illegible]

Notes:

(μ S): Units of Conductivity (micro Siemens)

[illegible]

(μS): Units of Conductivity (micro Siemens)

Village of Mamaroneck Taylor Lane Compost Site Summary of Field Parameters

[illegible]

Notes:

(μS): Units of Conductivity (micro Siemens)

Village of Mamaroneck Taylor Lane Compost Site Summary of Field Parameters

[illegible]

Notes:

(μS): Units of Conductivity (micro Siemens)

Attachment F

Historical Summary Tables for Gas Vent Monitoring

Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of Gas Vent Monitoring
GV-1

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-1	12/4/1997	ND	ND	ND
	5/19/1998	ND	2.0	38.0
	11/5/1998	ND	ND	ND
	5/25/1999	ND	0.2	4.0
	11/18/1999	ND	ND	ND
	6/28/2000	ND	ND	ND
	11/27/2000	0.4	0.5	10.0
	6/20/2001	ND	ND	ND
	11/29/2002	ND	ND	ND
	6/26/2002	ND	ND	ND
	11/19/2002	ND	ND	ND
	6/24/2003	ND	0.2	4.0
	11/17/2003	ND	ND	ND
	6/21/2004	ND	ND	ND
	11/22/2004	ND	ND	ND
	6/22/2005	ND	ND	ND
	11/22/2005	ND	ND	ND

Notes: ND = Not Detected

The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

**Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of
Gas Vent Monitoring
GV-2**

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-2	12/4/1997	ND	ND	ND
	5/19/1998	ND	2.0	12.0
	11/5/1998	24.9	3.2	64.0
	5/25/1999	2.4	ND	ND
	11/18/1999	ND	ND	ND
	6/28/2000	ND	ND	ND
	11/27/2000	ND	ND	ND
	6/20/2001	ND	0.1	2.0
	11/29/2002	ND	ND	ND
	6/26/2002	ND	ND	ND
	11/19/2002	ND	ND	ND
	6/24/2003	ND	ND	ND
	11/17/2003	ND	ND	ND
	6/21/2004	ND	ND	ND
	11/22/2004	ND	ND	ND
	6/22/2005	ND	ND	ND
	11/22/2005	ND	ND	ND

Notes: ND = Not Detected

The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

**Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of
Gas Vent Monitoring
GV-3**

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-3	12/4/1997	ND	ND	ND
	5/19/1998	ND	12.0	101.0
	11/5/1998	ND	ND	ND
	5/25/1999	ND	ND	ND
	11/18/1999	ND	ND	ND
	6/28/2000	ND	ND	ND
	11/27/2000	ND	ND	ND
	6/20/2001	ND	ND	ND
	11/29/2002	ND	ND	ND
	6/26/2002	ND	ND	ND
	11/19/2002	ND	ND	ND
	6/24/2003	ND	ND	ND
	11/17/2003	ND	ND	ND
	6/21/2004	ND	ND	ND
	11/22/2004	ND	ND	ND
	6/22/2005	ND	ND	ND
	11/22/2005	ND	ND	ND

Notes: ND = Not Detected

The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

**Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of
Gas Vent Monitoring
GV-4**

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-4	12/4/1997	ND	ND	ND
	5/19/1998	ND	ND	ND
	11/5/1998	ND	ND	ND
	5/25/1999	ND	0.1	2.0
	11/18/1999	ND	ND	ND
	6/28/2000	ND	1.3	26.0
	11/27/2000	ND	ND	ND
	6/20/2001	ND	ND	ND
	11/29/2002	ND	ND	ND
	6/26/2002	ND	ND	ND
	11/19/2002	ND	ND	ND
	6/24/2003	ND	8.0	101.0
	11/17/2003	ND	2.7	54.0
	6/21/2004	ND	3.9	74.0
	11/22/2004	ND	ND	ND
	6/22/2005	ND	0.9	18.0
	11/22/2005	ND	ND	ND

Notes: ND = Not Detected

The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

**Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of
Gas Vent Monitoring
GV-5**

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-5	12/4/1997	ND	12.0	101.0
	5/19/1998	0.2	22.0	101.0
	11/5/1998	ND	2.7	54.0
	5/25/1999	ND	ND	ND
	11/18/1999	ND	2.9	58.0
	6/28/2000	ND	26.5	101.0
	11/27/2000	ND	1.8	36.0
	6/20/2001	ND	ND	ND
	11/29/2002	ND	21.2	101.0
	6/26/2002	ND	ND	ND
	11/19/2002	ND	18.2	101.0
	6/24/2003	ND	ND	ND
	11/17/2003	ND	17.1	101.0
	6/21/2004	ND	14.6	292.0
	11/22/2004	ND	19.4	388.0
	6/22/2005	ND	21.8	436.0
	11/22/2005	ND	11.8	236

Notes: ND = Not Detected

The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

**Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of
Gas Vent Monitoring
GV-6**

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-6	12/4/1997	ND	ND	ND
	5/19/1998	ND	ND	ND
	11/5/1998	ND	ND	ND
	5/25/1999	ND	ND	ND
	11/18/1999	ND	ND	ND
	6/28/2000	ND	ND	ND
	11/27/2000	ND	ND	ND
	6/20/2001	ND	ND	ND
	11/29/2001	ND	ND	ND
	6/26/2002	ND	ND	ND
	11/19/2002	ND	ND	ND
	6/24/2003	ND	ND	ND
	11/17/2003	ND	ND	ND
	6/21/2004	ND	ND	ND
	11/22/2004	ND	ND	ND
	6/22/2005	ND	ND	ND
	11/22/2005	ND	ND	ND

Notes: ND = Not Detected

The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

**Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of
Gas Vent Monitoring
GV-7**

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-7	12/4/1997	ND	ND	ND
	5/19/1998	ND	ND	ND
	11/5/1998	ND	ND	ND
	5/25/1999	ND	ND	ND
	11/18/1999	ND	ND	ND
	6/28/2000	ND	ND	ND
	11/27/2000	ND	ND	ND
	6/20/2001	ND	ND	ND
	11/29/2001	ND	ND	ND
	6/26/2002	ND	ND	ND
	11/19/2002	ND	ND	ND
	6/24/2003	ND	ND	ND
	11/17/2003	ND	ND	ND
	6/21/2004	ND	ND	ND
	11/22/2004	ND	ND	ND
	6/22/2005	ND	ND	ND
	11/22/2005	ND	ND	ND

Notes: ND = Not Detected

The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

**Village of Mamaroneck
Taylor Lane Compost Site
Historical Summary of
Gas Vent Monitoring
GV-8**

ID	Date	VOC's (ppm)	% CH4	%LEL
GV-8	12/4/1997	ND	ND	ND
	5/19/1998	ND	ND	32.0
	11/5/1998	ND	ND	ND
	5/25/1999	5.3	4.4	88.0
	11/18/1999	ND	ND	ND
	6/28/2000	ND	ND	ND
	11/27/2000	ND	ND	ND
	6/20/2001	ND	10.9	101.0
	11/29/2001	8.5	ND	ND
	6/26/2002	ND	ND	ND
	11/19/2002	ND	ND	ND
	6/24/2003	ND	ND	ND
	11/17/2003	ND	ND	ND
	6/21/2004	ND	13.3	266.0
	11/22/2004	ND	7.5	150.0
	6/22/2005	ND	0	0
	11/22/2005	ND	ND	ND

Notes: ND = Not Detected

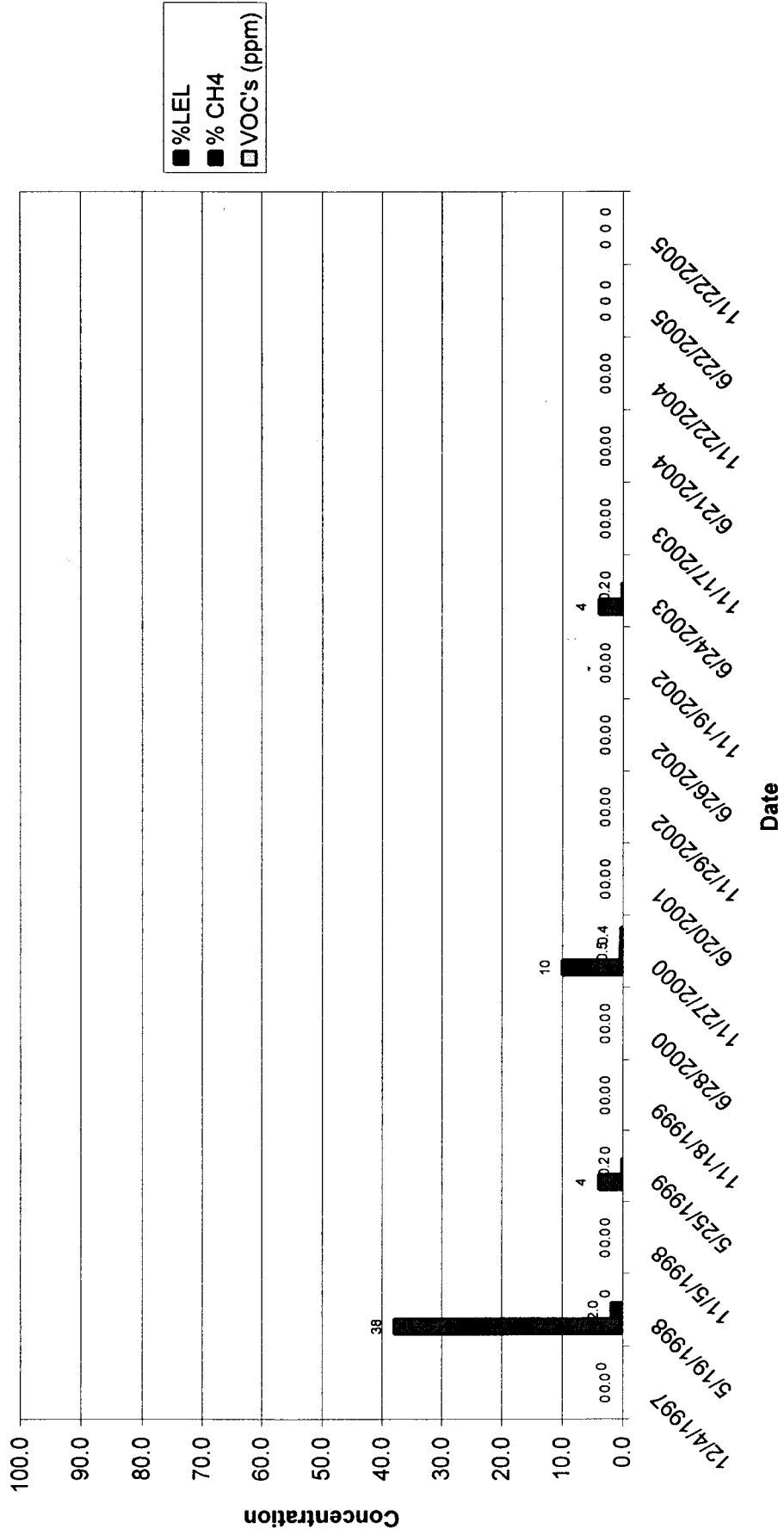
The value 101 is used for graphing purposes,
101 is the value greater than 100.

See Drawing entitled 'Record Plan' dated 1/98
for monitoring locations.

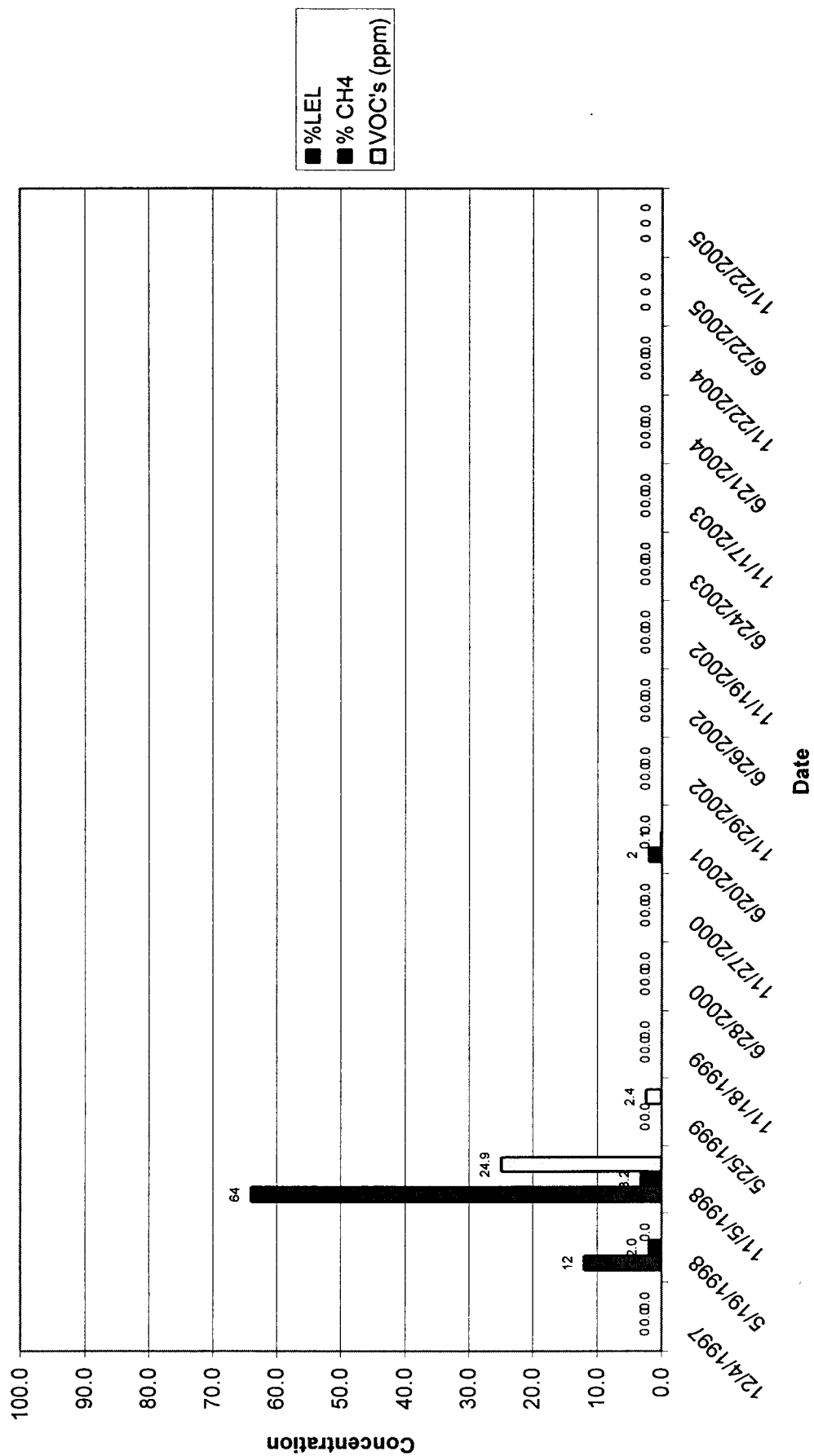
Attachment G

Historical Gas Vent Monitoring Graphs

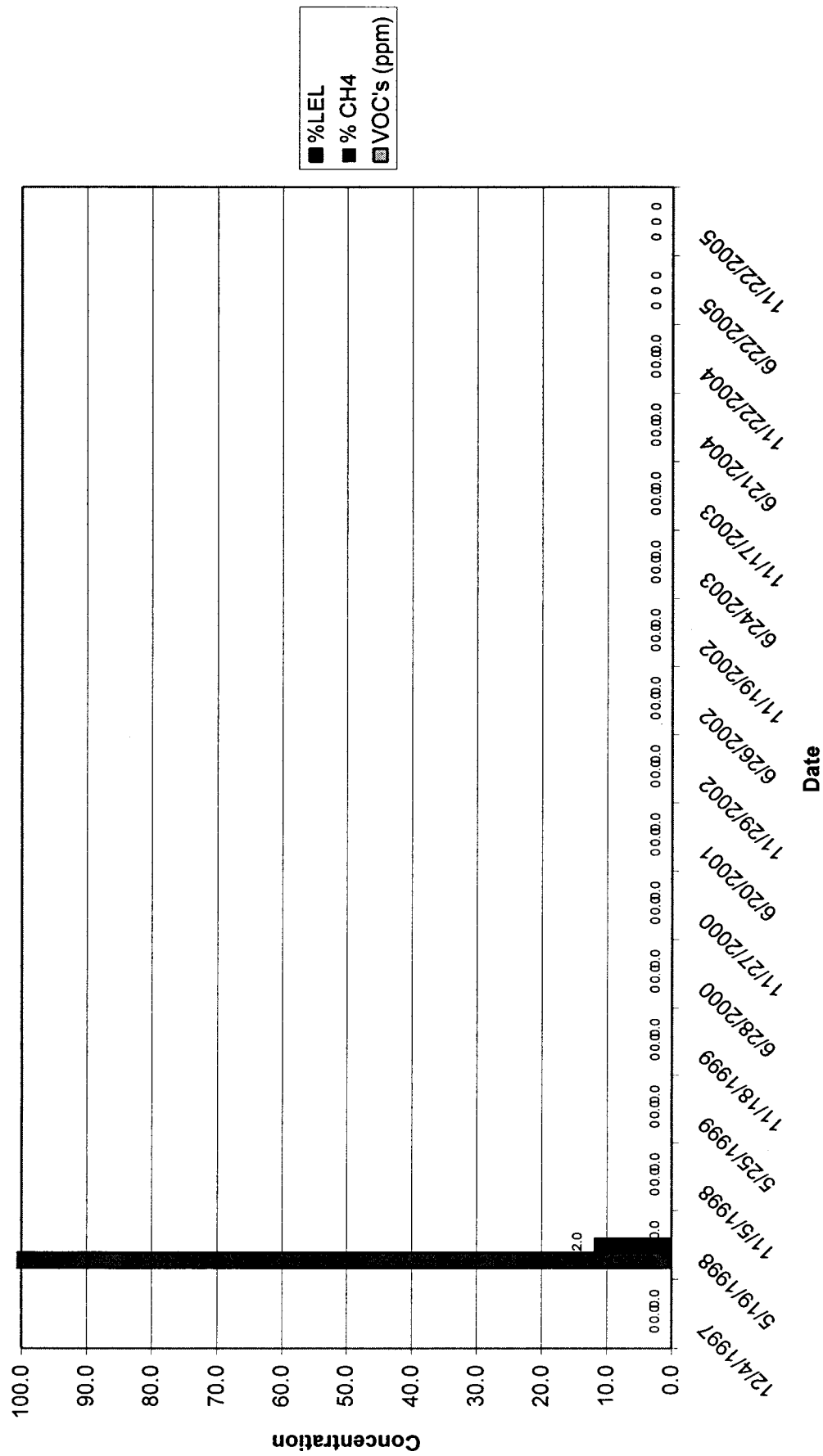
Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-1



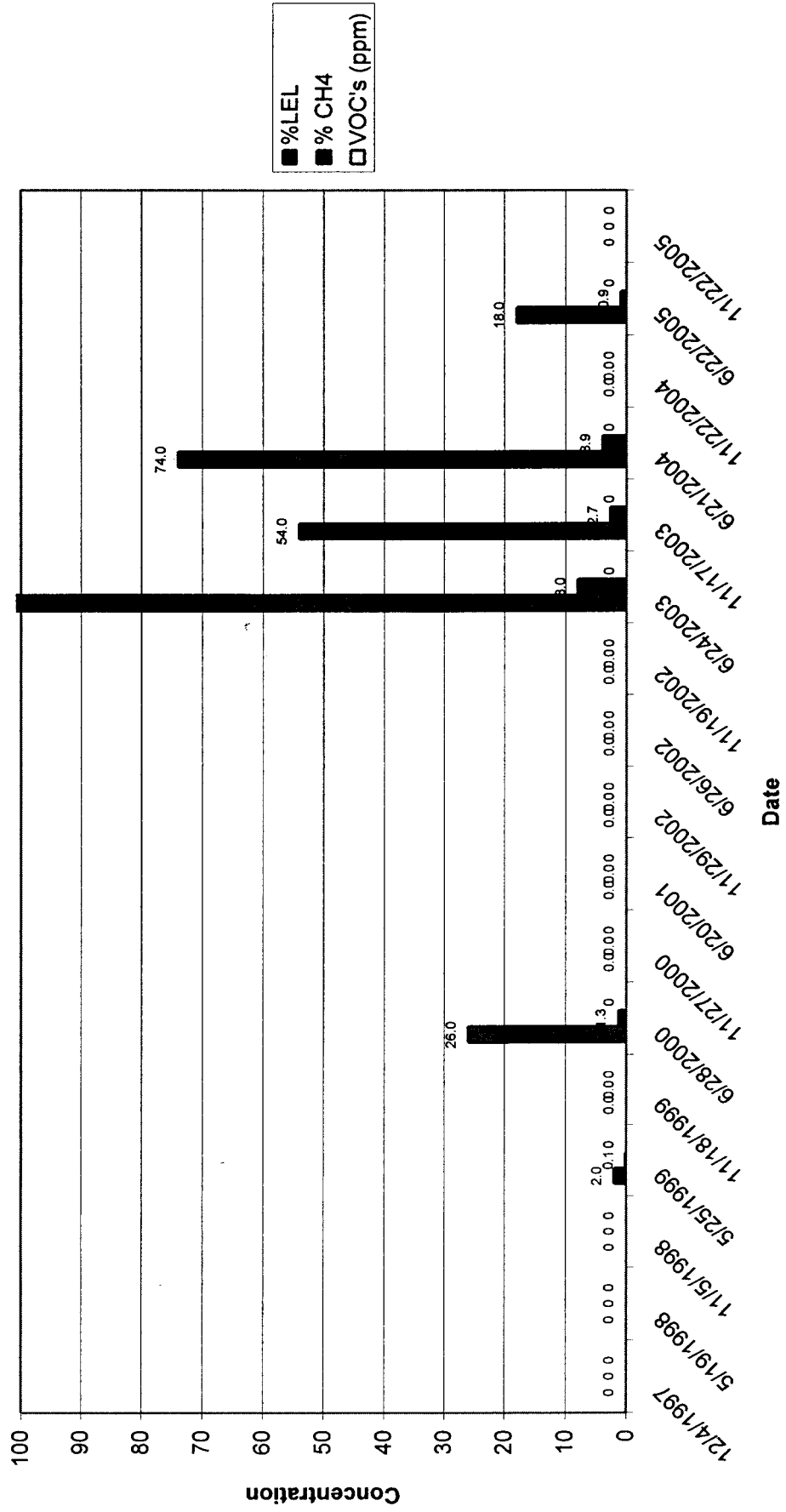
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-2



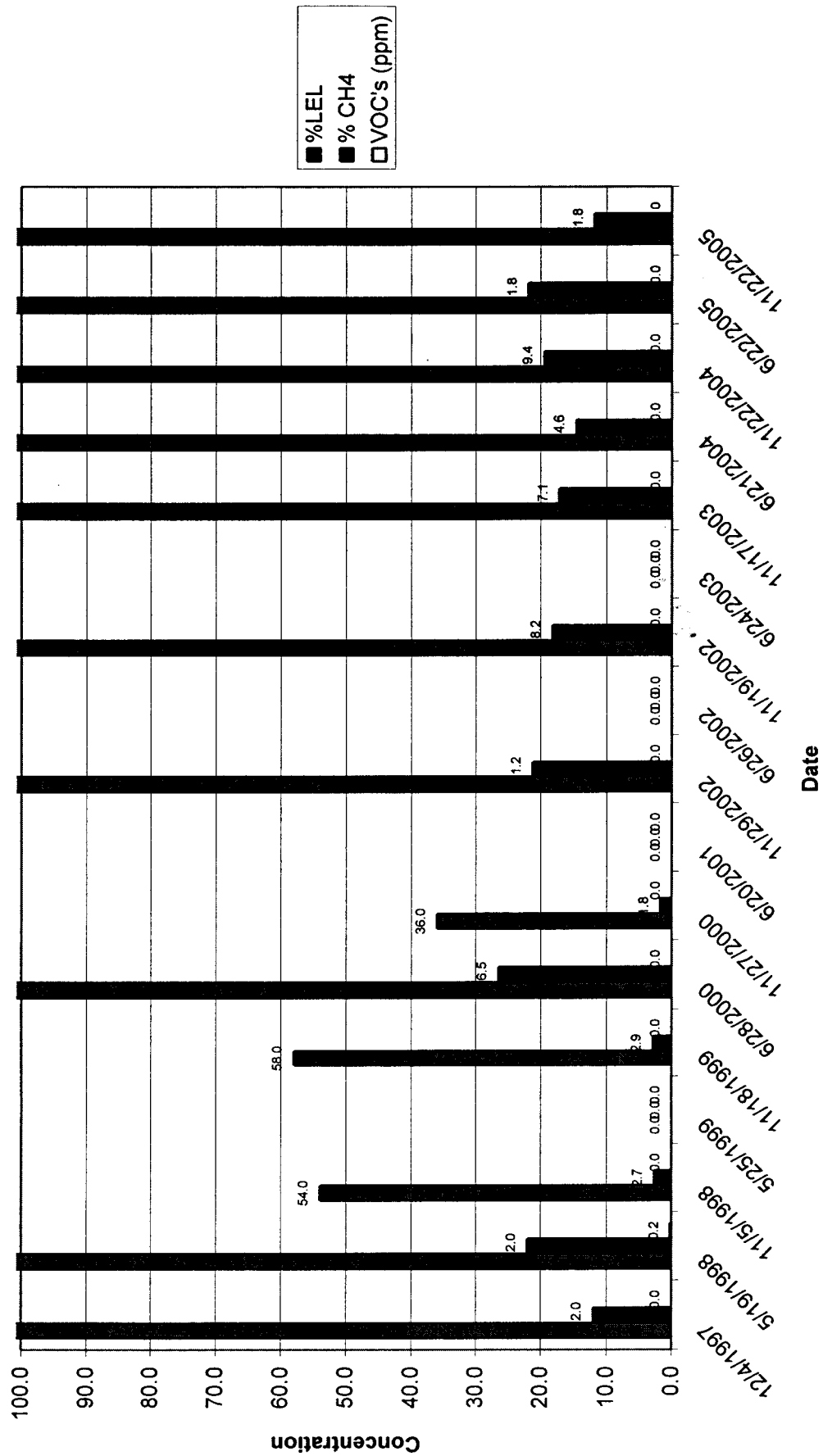
Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-3



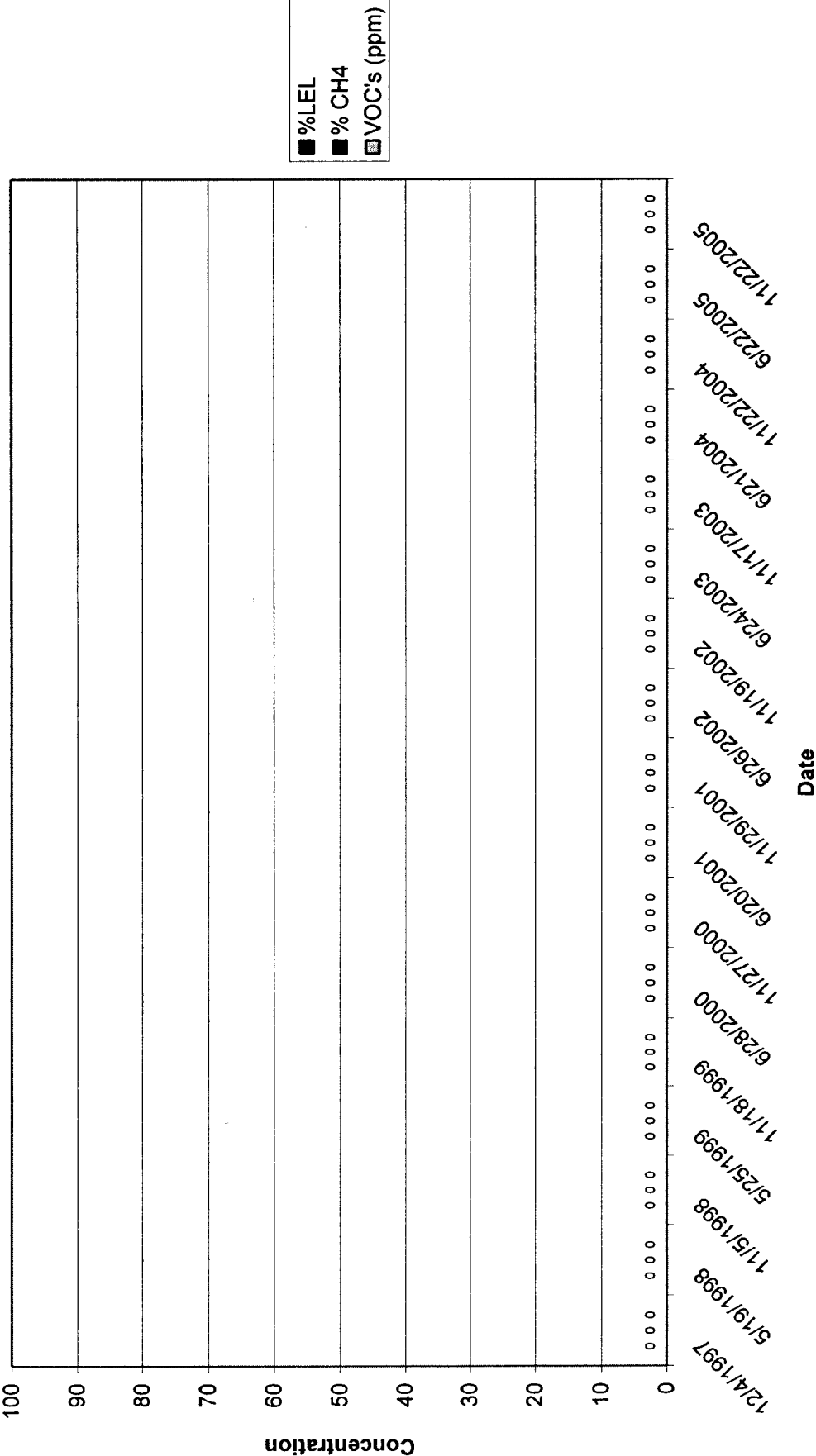
Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-4



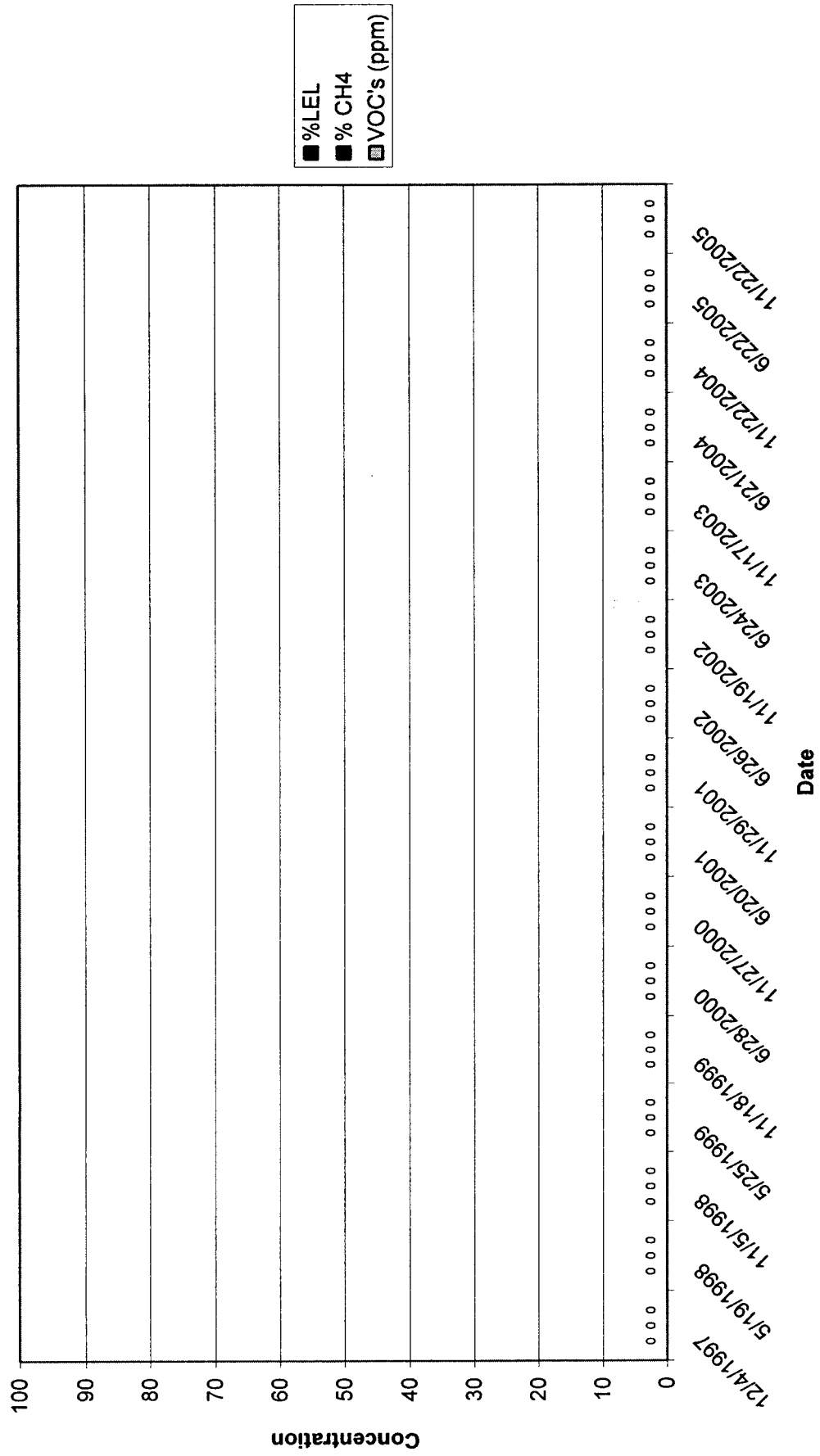
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-5



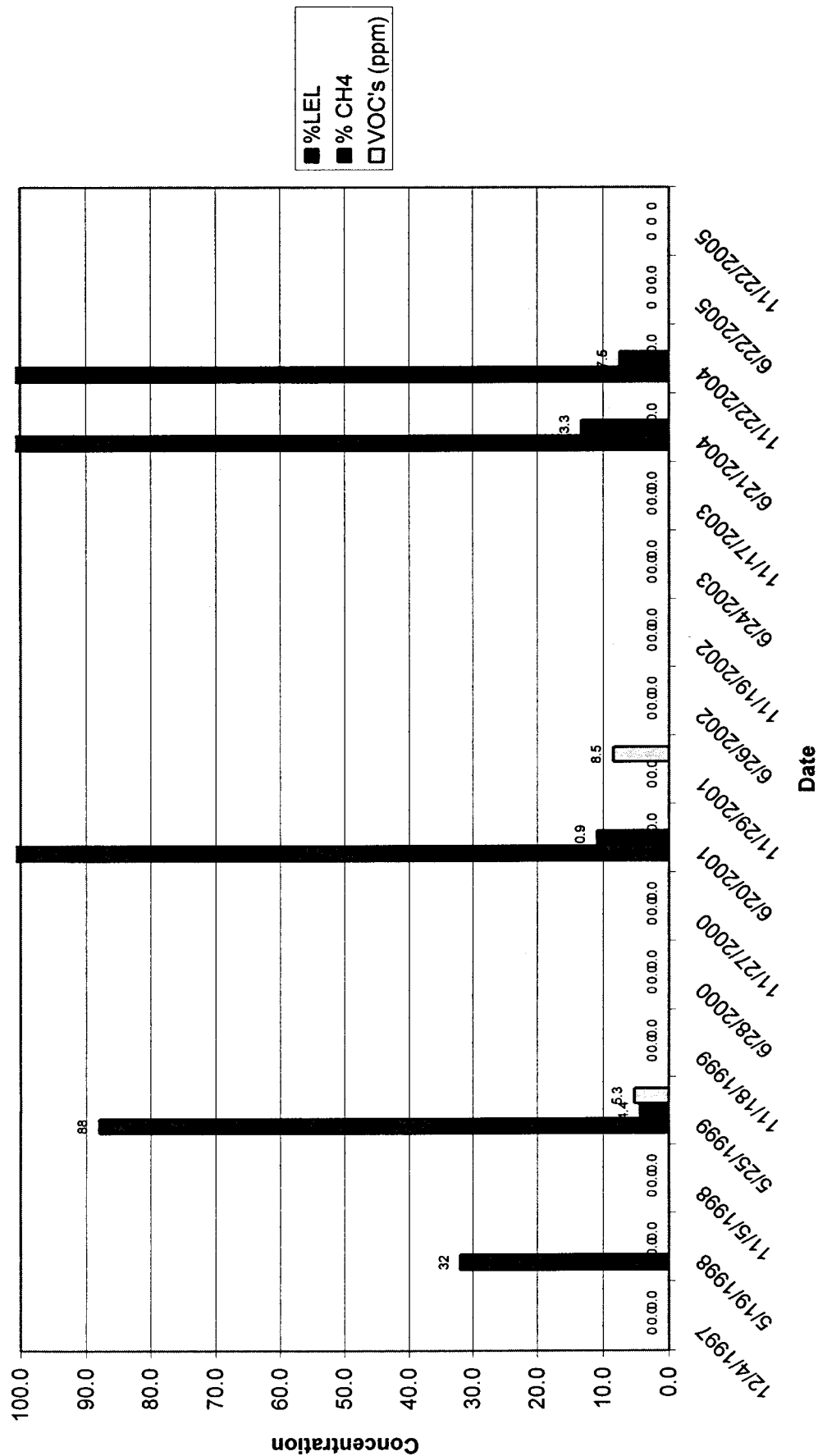
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-6



Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-7



Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-8



Tables

TABLE 1A
Village of Mamaroneck
Taylor Lane Compost Site
Detected VOC Compounds

Well	Date Sampled	Dilution	Result	Type of VOC	PQL
			ug/L		ug/L
MW - 2S	11/22/2005	1.00	4.1	Vinyl Chloride	0.5
MW - 2S	11/22/2005	2.00	4.8	Vinyl Chloride	0.5
MW - 2S	11/22/2005	1.00	61	Tert-Butyl Alcohol	20
MW - 2S	11/22/2005	2.00	110	Tert-Butyl Alcohol	20
MW - 2S	11/22/2005	1.00	90	MTBE	0.5
MW - 2S	11/22/2005	2.00	71	MTBE	0.5
MW - 3D	11/22/2005	1.00	2.5	MTBE	0.5

TABLE 1B
Village of Mamaroneck
Taylor Lane Compost Site
Detected Pesticides

[illegible]

TABLE 1C
Village of Mamaroneck
Taylor Lane Compost Site
Detected PCB's

[illegible]

TABLE 2
Village of Mamaroneck
GAS VENT MONITORING
November 22, 2005

<i>IDENTIFICATION</i>	<i>TIME</i>	<i>PID (ppm)</i>	<i>% CH4</i>	<i>% LEL</i>
GV-1	10:00	0	0	0
GV-2	10:10	0	0	0
GV-3	10:20	0	0	0
GV-4	10:28	0	0	0
GV-5	10:40	0	11.8	236
GV-6	11:00	0	0	0
GV-7	11:14	0	0	0
GV-8	11:27	0	0.0	0

Note: See drawing entitled 'Record Plan' dated 1/98
for monitoring locations.
ND = Not detected

TABLE 3
Village of Mamaroneck
BAR HOLE MONITORING
November 22, 2005

<i>IDENTIFICATION</i>	<i>TIME</i>	<i>PID (ppm)</i>	<i>% CH4</i>	<i>% LEL</i>
BH-1	9:55	0.0	0.0	0.0
BH-2	10:05	0.0	0.0	0.0
BH-3	10:10	0.0	0.0	0.0
BH-4	10:20	0.0	0.0	0.0
BH-5	10:24	0.0	0.0	0.0
BH-6	10:40	0.0	0.0	0.0
BH-7	11:00	0.0	0.0	0.0
BH-8	11:10	0.0	0.0	0.0
BH-9	11:16	0.0	0.0	0.0
BH-10	11:23	0.0	0.0	0.0
BH-11	11:25	0.0	0.0	0.0
BH-12	11:37	0.0	0.0	0.0
BH-13	11:40	0.0	0.0	0.0

Note: See drawing entitled 'Record Plan' dated 1/98
for monitoring locations.
ND = Not detected

Drawing