



Shaw® Shaw Environmental, Inc.

A World of **Solutions**™

August 15, 2007
Project 124348

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

AUG 17 2007

Re: June 2007 Semi-annual Monitoring Results
Taylor's Lane Compost Site, Mamaroneck, New York
NYSDEC Site Number 360021

Dear Mr. Schreyer:

Shaw Environmental, Inc. personnel conducted a Semi-Annual Groundwater Sampling event at the Taylor's Lane Compost Site in Mamaroneck, New York on June 27, 2007. This June 2006 Semi-Annual Monitoring Report summarizes all activities performed and results obtained in association with the June 2007 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 June 27, 2007. 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) in MW-2S only. In addition to laboratory groundwater analyses, the following field parameters were measured and recorded on-site: pH, temperature, conductivity, millivolts, and turbidity. Field parameters pH, temperature, and millivolts are 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 June 27, 2007. Gas vents GV-1 through GV-8 were monitored for percent combustible gas and total organic vapors. Soil gas monitoring was also conducted at predetermined locations (BH-1 through BH13) along the perimeter of the landfill in order to detect any migrating gases. A MiniRae PID was utilized to monitor fugitive 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

A review of the June 2007 groundwater analytical data indicated that the inorganic constituent of lead was detected at concentrations above the New York State Department of Conservation (NYSDEC) Part 703 Groundwater Standards. The following exceedances of Class GA Groundwater Quality Standards were noted:

- MW-3D: Lead – 72.5ug/l, standard – 25ug/l

Analytical laboratory data summary packages and the field data sheets for the groundwater samples collected in June 2007 are provided as respective Attachments A and B of this Report.

Table 1 of this Report presents VOCs detected during the June 2007 sampling event when analyzed under one analytical dilution. Results for the VOCs are being reported as detected with a 1.00 analytical dilution. The analytical results for the VOCs in well MW-2S included detection of MTBE, vinyl chloride and tert-butyl-alcohol, at respective concentrations of 93 ug/l, 2.5 ug/l and 250 ug/l. VOC analysis of the groundwater sample obtained from well MW-2S indicated elevated levels of MTBE, greater than the NYSDEC Part 703 groundwater guidance values of 10 ug/l. Monitoring of MW-2S will continue to be sampled to assess detection and trends in the concentrations of VOCs.

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.

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 June 2007 gas vent and bar hole monitoring are provided as respective Tables 2 and 3 of this report.

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 June 2007 sampling event. Methane gas was detected at GV-5 at

Mr. James Schreyer
August 15, 2007
Page 3

Project 124348

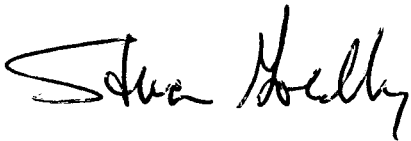
concentrations of 3.2% methane gas and 64% LEL. Historical summary tables for gas vent monitoring, and historical gas vent monitoring graphs have been provided as respective Attachments F and G of this report.

Based upon the monitoring results for the landfill gas vents and perimeter soil gas, monitoring will continue during the November 2007 sampling event.

If you should have any questions regarding the above information, please do not hesitate to contact me at 845-492-3114.

Sincerely,

SHAW ENVIRONMENTAL, INC.



Steven P. Goldberg, PhD, CPG
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

Attachment A

Laboratory Data Summary Package



A FULL SERVICE ENVIRONMENTAL LABORATORY

July 13, 2007

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

PROJECT:MAMARONECK-TAYLORS LANE
Submission #:R2738347

Dear Mr. Nichols

Enclosed are the analytical results of the analyses requested. 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


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 # : R2738347
Project Manager : Michael Perry
Reported : 07/13/07

Report Contains a total of 23 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 E. Perry*



CASE NARRATIVE

This report contains analytical results for the following samples:

Submission #: R2738347

<u>Lab ID</u>	<u>Client ID</u>
1015056	MW-1D
1015057	MW-1S
1015058	MW-2D
1015059	MW-2S
1015060	MW-3D
1015061	MW-3S
1015062	TRIP BLANK TB-01

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. This flag is also used for DoD instead of "P" as indicated below.
- 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 40% (25% for CLP) difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P" ("J" for DoD).
- Q - for DoD only – indicates a pesticide/Aroclor target is not confirmed. This flag is used when there is $\geq 100\%$ difference for the detected concentrations between the two GC columns.
- 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 ID# 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
- "AF" for Automated Cold Vapor Atomic Fluorescence Spectrometry
- "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 ID # 68-786
Rhode Island ID # 158
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-1D

Date Sampled : 06/27/07 10:40

Order #: 1015056

Sample Matrix: WATER

Date Received: 06/28/07

Submission #: R2738347

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	07/05/07	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	07/03/07	1.0
ZINC	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-1S

Date Sampled : 06/27/07 11:35

Order #: 1015057

Sample Matrix: WATER

Date Received: 06/28/07

Submission #: R2738347

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	07/05/07	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	07/03/07	1.0
ZINC	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/13/07

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

Date Sampled : 06/27/07 12:35 Order #: 1015058 Sample Matrix: WATER
Date Received: 06/28/07 Submission #: R2738347

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	07/05/07	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	07/03/07	1.0
ZINC	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 06/27/07 12:56

Order #: 1015059

Sample Matrix: WATER

Date Received: 06/28/07

Submission #: R2738347

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	07/05/07	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	07/03/07	1.0
ZINC	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 06/27/07 12:56 Order #: 1015059

Sample Matrix: WATER

Date Received: 06/28/07 Submission #: R2738347

Analytical Run 146990

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/03/07			
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	250	UG/L
METHYL-TERT-BUTYL ETHER	0.50	93 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: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 06/27/07 12:56 Order #: 1015059 Sample Matrix: WATER
Date Received: 06/28/07 Submission #: R2738347 Analytical Run 146990

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/03/07			
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	2.5	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 %)	94	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 06/27/07 12:56 Order #: 1015059 Sample Matrix: WATER
Date Received: 06/28/07 Submission #: R2738347 Analytical Run 0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/03/07			
ANALYTICAL DILUTION: 5.00			
BENZENE	0.50	2.5 U	UG/L
BROMOBENZENE	0.50	2.5 U	UG/L
BROMOCHLOROMETHANE	0.50	2.5 U	UG/L
BROMODICHLOROMETHANE	0.50	2.5 U	UG/L
BROMOFORM	0.50	2.5 U	UG/L
BROMOMETHANE	0.50	2.5 U	UG/L
TERT-BUTYL ALCOHOL	20	280	UG/L
METHYL-TERT-BUTYL ETHER	0.50	97 D	UG/L
TERT-BUTYLBENZENE	0.50	2.5 U	UG/L
SEC-BUTYLBENZENE	0.50	2.5 U	UG/L
N-BUTYLBENZENE	0.50	2.5 U	UG/L
CARBON TETRACHLORIDE	0.50	2.5 U	UG/L
CHLOROBENZENE	0.50	2.5 U	UG/L
CHLOROETHANE	0.50	2.5 U	UG/L
CHLOROFORM	0.50	2.5 U	UG/L
CHLOROMETHANE	0.50	2.5 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	2.5 U	UG/L
2-CHLOROTOLUENE	0.50	2.5 U	UG/L
4-CHLOROTOLUENE	0.50	2.5 U	UG/L
DIBROMOCHLOROMETHANE	0.50	2.5 U	UG/L
1,2-DIBROMOETHANE	0.50	2.5 U	UG/L
DIBROMOMETHANE	0.50	2.5 U	UG/L
1,2-DICHLOROBENZENE	0.50	2.5 U	UG/L
1,4-DICHLOROBENZENE	0.50	2.5 U	UG/L
1,3-DICHLOROBENZENE	0.50	2.5 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	2.5 U	UG/L
1,1-DICHLOROETHANE	0.50	2.5 U	UG/L
1,2-DICHLOROETHANE	0.50	2.5 U	UG/L
1,1-DICHLOROETHENE	0.50	2.5 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	2.5 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	2.5 U	UG/L
2,2-DICHLOROPROPANE	0.50	2.5 U	UG/L
1,2-DICHLOROPROPANE	0.50	2.5 U	UG/L
1,3-DICHLOROPROPANE	0.50	2.5 U	UG/L
1,1-DICHLOROPROPENE	0.50	2.5 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	2.5 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	2.5 U	UG/L
ETHYLBENZENE	0.50	2.5 U	UG/L
HEXACHLOROBUTADIENE	0.50	2.5 U	UG/L
ISOPROPYLBENZENE	0.50	2.5 U	UG/L
P-ISOPROPYLTOLUENE	0.50	2.5 U	UG/L
METHYLENE CHLORIDE	0.50	2.5 U	UG/L
NAPHTHALENE	0.50	2.5 U	UG/L
N-PROPYLBENZENE	0.50	2.5 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 06/27/07 12:56 Order #: 1015059 Sample Matrix: WATER
Date Received: 06/28/07 Submission #: R2738347 Analytical Run 0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/03/07			
ANALYTICAL DILUTION: 5.00			
STYRENE	0.50	2.5 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	2.5 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	2.5 U	UG/L
TETRACHLOROETHENE	0.50	2.5 U	UG/L
TOLUENE	0.50	2.5 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	2.5 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	2.5 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	2.5 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	2.5 U	UG/L
TRICHLOROETHENE	0.50	2.5 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	2.5 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	2.5 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	2.5 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	2.5 U	UG/L
VINYL CHLORIDE	0.50	2.8	UG/L
M+P-XYLENE	0.50	2.5 U	UG/L
O-XYLENE	0.50	2.5 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(70 - 130 %)	90	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	100	%

COLUMBIA ANALYTICAL SERVICES

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : MW-3D

Date Sampled : 06/27/07 13:43

Order #: 1015060

Sample Matrix: WATER

Date Received: 06/28/07

Submission #: R2738347

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0219	MG/L	07/05/07	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
COPPER	6010B	0.0200	0.106	MG/L	07/05/07	1.0
LEAD	6010B	0.00500	0.0725	MG/L	07/05/07	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	07/03/07	1.0
ZINC	6010B	0.0200	1.15	MG/L	07/05/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/13/07

Shaw E & I, Inc.
Project Reference: MAMARONECK-TAYLORS LANE
Client Sample ID : MW-3S

Date Sampled : 06/27/07 14:09 Order #: 1015061 Sample Matrix: WATER
Date Received: 06/28/07 Submission #: R2738347

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	07/05/07	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	07/05/07	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	07/03/07	1.0
ZINC	6010B	0.0200	0.0200 U	MG/L	07/05/07	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : TRIP BLANK TB-01

Date Sampled : 06/27/07 : Order #: 1015062 Sample Matrix: WATER
Date Received: 06/28/07 Submission #: R2738347 Analytical Run 146990

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/03/07			
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: 07/13/07

Shaw E & I, Inc.

Project Reference: MAMARONECK-TAYLORS LANE

Client Sample ID : TRIP BLANK TB-01

Date Sampled : 06/27/07 : Order #: 1015062 Sample Matrix: WATER
Date Received: 06/28/07 Submission #: R2738347 Analytical Run 146990

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/03/07			
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 %)	87	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	86	%

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2738347
Client: Shaw E & I, Inc.
MAMARONECK-TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
MERCURY	0.000300 U	0.00106	0.00100	106	80 - 120	146798	MG/L
ARSENIC	0.0100 U	0.0406	0.0400	102	80 - 120	146923	MG/L
CADMIUM	0.00500 U	0.0490	0.0500	98	80 - 120	146923	MG/L
COPPER	0.0200 U	0.254	0.250	102	80 - 120	146923	MG/L
LEAD	0.00500 U	0.499	0.500	100	80 - 120	146923	MG/L
ZINC	0.0200 U	0.514	0.500	103	80 - 120	146923	MG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1018734

ANALYTICAL RUN #: 146990

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 07/03/07			
ANALYTICAL DILUTION: 1.0			
BENZENE	2.00	93	70 - 130
BROMOBENZENE	2.00	105	70 - 130
BROMOCHLOROMETHANE	2.00	105	70 - 130
BROMODICHLOROMETHANE	2.00	103	70 - 130
BROMOFORM	2.00	111	70 - 130
BROMOMETHANE	2.00	130	70 - 130
TERT-BUTYL ALCOHOL	40.0	98	70 - 130
METHYL-TERT-BUTYL ETHER	2.00	104	70 - 130
TERT-BUTYLBENZENE	2.00	103	70 - 130
SEC-BUTYLBENZENE	2.00	100	70 - 130
N-BUTYLBENZENE	2.00	89	70 - 130
CARBON TETRACHLORIDE	2.00	113	70 - 130
CHLOROBENZENE	2.00	99	70 - 130
CHLOROETHANE	2.00	104	70 - 130
CHLOROFORM	2.00	106	70 - 130
CHLOROMETHANE	2.00	101	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	2.00	93	70 - 130
2-CHLOROTOLUENE	2.00	101	70 - 130
4-CHLOROTOLUENE	2.00	102	70 - 130
DIBROMOCHLOROMETHANE	2.00	104	70 - 130
1,2-DIBROMOETHANE	2.00	97	70 - 130
DIBROMOMETHANE	2.00	102	70 - 130
1,2-DICHLOROBENZENE	2.00	107	70 - 130
1,4-DICHLOROBENZENE	2.00	104	70 - 130
1,3-DICHLOROBENZENE	2.00	103	70 - 130
DICHLORODIFLUOROMETHANE	2.00	108	70 - 130
1,1-DICHLOROETHANE	2.00	101	70 - 130
1,2-DICHLOROETHANE	2.00	111	70 - 130
1,1-DICHLOROETHENE	2.00	107	70 - 130
TRANS-1,2-DICHLOROETHENE	2.00	102	70 - 130
CIS-1,2-DICHLOROETHENE	2.00	101	70 - 130
2,2-DICHLOROPROPANE	2.00	104	70 - 130
1,2-DICHLOROPROPANE	2.00	89	70 - 130
1,3-DICHLOROPROPANE	2.00	92	70 - 130
1,1-DICHLOROPROPENE	2.00	100	70 - 130
TRANS-1,3-DICHLOROPROPENE	2.00	97	70 - 130
CIS-1,3-DICHLOROPROPENE	2.00	96	70 - 130
ETHYLBENZENE	2.00	98	70 - 130
HEXACHLOROBUTADIENE	2.00	125	70 - 130
ISOPROPYLBENZENE	2.00	101	70 - 130
P-ISOPROPYLTOLUENE	2.00	100	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1018734

ANALYTICAL RUN #: 146990

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 07/03/07			
ANALYTICAL DILUTION: 1.0			
METHYLENE CHLORIDE	2.00	92	70 - 130
NAPHTHALENE	2.00	88	70 - 130
N-PROPYLBENZENE	2.00	99	70 - 130
STYRENE	2.00	97	70 - 130
1,1,1,2-TETRACHLOROETHANE	2.00	108	70 - 130
1,1,2,2-TETRACHLOROETHANE	2.00	93	70 - 130
TETRACHLOROETHENE	2.00	105	70 - 130
TOLUENE	2.00	99	70 - 130
1,2,4-TRICHLOROBENZENE	2.00	98	70 - 130
1,2,3-TRICHLOROBENZENE	2.00	99	70 - 130
1,1,1-TRICHLOROETHANE	2.00	110	70 - 130
1,1,2-TRICHLOROETHANE	2.00	101	70 - 130
TRICHLOROETHENE	2.00	96	70 - 130
TRICHLOROFLUOROMETHANE	2.00	128	70 - 130
1,2,3-TRICHLOROPROPANE	2.00	108	70 - 130
1,3,5-TRIMETHYLBENZENE	2.00	103	70 - 130
1,2,4-TRIMETHYLBENZENE	2.00	98	70 - 130
VINYL CHLORIDE	2.00	100	70 - 130
M+P-XYLENE	4.00	102	70 - 130
O-XYLENE	2.00	96	70 - 130

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 07/13/07

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	1018733	Sample Matrix:	WATER
Date Received:	Submission #:		Analytical Run	146990

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/03/07			
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: 07/13/07

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 1018733	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 146990

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 07/03/07

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 %)	97	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	104	%



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

Project Name MAMARONECK- LANE		Project Number 12-4348-01000000	
Project Manager BRIAN NICHOLS		Report CC	
Company/Address SHAW ENVIRONMENTAL			
4 Commerce Drive South			
Harrison, NY 10926			
Phone # 845 492 3100		FAX# 845-492-3101	
Sampler's Signature Brian Nichols		Sampler's Printed Name Brian Nichols	
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID	SAMPLING DATE
MW-10 SET # 2			6-27-07 1040
MW-15 SET # 3			1135
MW-20 SET # 4			1235
MW-25 SET # 1			1256
MW-30 SET # 5			1343
MW-35 SET # 6			1409
TRIP BLANK TB-01			6-27-07
Temp. Blank			
Matrix			
			AQ
			AQ
			AQ
			AQ
			AQ
			AQ
			DI
			DI
SPECIAL INSTRUCTIONS/COMMENTS Metals			
DETECTION LIMITS MUST BE AT OR BELOW NYSDEC			
GA QUALITY STANDARDS FOR ALL PARAMETERS.			
METALS: As, Cd, Cu, Pb, Hg, Zn			
See QAPP ☐			
SAMPLE RECEIPT: CONDITION/COOLER TEMP: 3°C		CUSTODY SEALS: Y N	
RELINQUISHED BY Signature Brian Nichols Printed Name Brian Nichols Firm SHAW Date/Time 6-27-07 0154		RECEIVED BY Signature Rachel Jones Printed Name Rachel Jones Firm CAJ Date/Time 6-28-07 1010	

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client Shaw Submission Number R2738347

Cooler received on 6/28/07 by: FR 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
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: 3°

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: 6/28/07 @ 1015

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: NA 6/29/07

Cooler Breakdown: Date: 6/28/07 by: ALH

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	Final pH
pH	Reagent						
≥12	NaOH						
≤2	HNO ₃	<u>X</u>					
≤2	H ₂ SO ₄						
Residual Chlorine (+/-)	for TCN & Phenol						

YES = All samples OK

NO = Samples were preserved at lab as listed

PC OK to adjust pH

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

Other Comments:

PC Secondary Review:

Attachment B
Field Sampling Data Sheets

**EMCON****FIELD SAMPLING DATA SHEET**

sample ID	<u>MW-1D</u>	sample date/time	<u>6/27/2007</u> <u>1040</u>
(lab) sample number	<u>Set #2</u>	field personnel	<u>Brian Nichols</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348-01000000</u>		
weather conditions (estimate wind, cloud, precip, humidity, temp)			
<u>Hot, Humid, 98°</u>			

SAMPLE TYPE

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

MONITORING WELL DATA

casing diameter	<u>2"</u>	☐ PVC	☒ steel	☐ other
static water level	<u>1.50</u>	from ☒ well casing	from ☐ protective casing	
bottom depth	<u>64.51</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>10.08</u> gallons	
well condition	<u>Poor</u>			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	
dedicated purge equipment ? ☐ yes		☒ no	
pumping rate	<u>2.111111</u>	elapsed time	<u>18</u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>38</u> gallons	well volumes	<u>3.77</u>
time purge complete	<u>1038</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			
dedicated sampling equipment ? ☒ yes		☐ no	
metals field filtered ? ☐ yes		☒ no	
depth of sample	<u>~3'</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		☐ immiscible product
pH (SU)	<u>7.34</u>	temp (C)
		<u>17</u>
ORP (mv)	<u>-18</u>	turbidity (NTUs)
		<u>0</u>
cond (µS)	<u>585</u>	PID (ppm)
		<u></u>
comments/remarks <u>BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE</u>		
<u>WELL RIMS ARE BROKEN AND MISSING SCREWS</u>		

**EMCON****FIELD SAMPLING DATA SHEET**

sample ID	<u>MW-1S</u>	sample date/time	<u>6/27/2007 1135</u>
(lab) sample number	<u>Set #3</u>	field personnel	<u>Brian Nichols</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348-01000000</u>		
weather conditions(estimate wind,cloud,precip,humidity,temp) <u>Hot, Humid, 98°</u>			

SAMPLE TYPE

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

MONITORING WELL DATA

casing diameter	<u>2"</u>	☐ PVC	☒ steel	☐ other
static water level	<u>1.71</u>	from ☒ well casing	from ☐ protective casing	
bottom depth	<u>17.52</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>2.53</u> gallons	
well condition	<u>Poor</u>			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	
dedicated purge equipment ? ☐ yes		☒ no	
pumping rate	<u>1.733333</u>	elapsed time	<u>30</u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>52</u> gallons	well volumes	<u>20.56</u>
time purge complete	<u>1128</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			
dedicated sampling equipment ? ☒ yes		☐ no	
metals field filtered ? ☐ yes		☒ no	
depth of sample	<u>~ 6'</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		☐ immiscible product
pH (SU)	<u>6.87</u>	temp (C)
		<u>16.7</u>
ORP (mv)	<u>15.3</u>	cond (μS)
		<u>969</u>
	turbidity (NTUs)	PID (ppm)
	<u>0</u>	<u></u>
comments/remarks <u>BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE</u>		
<u>WELL RIMS ARE BROKEN AND MISSING SCREWS</u>		

**EMCON****FIELD SAMPLING DATA SHEET**

sample ID	<u>MW-2D</u>	sample date/time	<u>6/27/2007</u> <u>1235</u>
(lab) sample number	<u>Set #4</u>	field personnel	<u>Brian Nichols</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348-01000000</u>		
weather conditions(estimate wind,cloud,precip,humidity,temp) <u>Hot, Humid, 98°</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>1.93</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>9.95</u> gallons	
well condition	<u>Poor</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>1.882353</u>	elapsed time	<u>17</u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>32</u> gallons	well volumes	<u>3.22</u>
time purge complete	<u>1232</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>	
pH (SU)	<u>7.21</u>	temp (C)
		<u>15.4</u>
ORP (mv)	<u>-28.4</u>	cond (µS)
		<u>671</u>
	turbidity (NTUs)	PID (ppm)
	<u>0</u>	<u></u>
comments/remarks <u>BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE</u>		
<u>WELL RIMS ARE BROKEN AND MISSING SCREWS</u>		

**EMCON****FIELD SAMPLING DATA SHEET**

sample ID	<u>MW-2S</u>	sample date/time	<u>6/27/2007 1256</u>
(lab) sample number	<u>Set #1</u>	field personnel	<u>Brian Nichols</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348-01000000</u>		
weather conditions(estimate wind,cloud,precip,humidity,temp) <u>Hot, Humid, 98°</u>			

SAMPLE TYPE

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

MONITORING WELL DATA

casing diameter	<u>2"</u>	☐ PVC	☒ steel	☐ other
static water level	<u>1.69</u>	from ☒ well casing	from ☐ protective casing	
bottom depth	<u>15.62</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>2.23</u> gallons	
well condition	<u>Damaged</u>			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	
dedicated purge equipment ? ☐ yes		☒ no	
pumping rate	<u>1.444444</u>	elapsed time	<u>9</u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>13</u> gallons	well volumes	<u>5.83</u>
time purge complete	<u>1255</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			
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		☐ immiscible product
pH (SU)	<u>7.03</u>	temp (C)
		<u>15.4</u>
ORP (mv)	<u>-5.1</u>	cond (µS)
		<u>1034</u>
	turbidity (NTUs)	PID (ppm)
	<u>0</u>	<u></u>
comments/remarks <u>BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE</u>		
<u>WELL COVER MISSING WELL RIMS ARE BROKEN AND MISSING SCREWS</u>		

**EMCON****FIELD SAMPLING DATA SHEET**

sample ID	<u>MW-3D</u>	sample date/time	<u>6/27/2007</u> <u>1343</u>
(lab) sample number	<u>Set # 5</u>	field personnel	<u>Brian Nichols</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348-01000000</u>		

weather conditions(estimate wind,cloud,precip,humidity,temp)
Hot, Humid, 98°

SAMPLE TYPE

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

MONITORING WELL DATA

casing diameter	<u>2"</u>	☐ PVC	☒ steel	☐ other
static water level	<u>1.85</u>	from ☒ well casing	from ☐ protective casing	
bottom depth	<u>31.48</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>4.74</u> gallons	
well condition	<u>Damaged</u>			

MONITORING WELL PURGE DATA

☒ submersible pump	☐ PVC bailer	☐ suction pump	☐ teflon bailer
☐ poly bailer	☐ poly cup	☐ other	
dedicated purge equipment ?	☐ yes	☒ no	
pumping rate	<u>1</u>	elapsed time	<u>21</u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>21</u> gallons	well volumes	<u>4.43</u>
time purge complete	<u>1340</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			
dedicated sampling equipment ?	☒ yes	☐ no	
metals field filtered ?	☐ yes	☒ no	
depth of sample	<u>~ 5'</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	☐ immiscible product
☒ other	<u>Black Particles</u>		
pH (SU)	<u>7.17</u>	temp (C)	<u>15.6</u>
ORP (mv)	<u>-10.4</u>	turbidity (NTUs)	<u>334</u>
cond (μS)	<u>1126</u>	PID (ppm)	<u></u>
comments/remarks	<u>BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE</u>		
	<u>WELL COVER MISSING WELL RIMS ARE BROKEN AND MISSING SCREWS</u>		

**EMCON****FIELD SAMPLING DATA SHEET**

sample ID	<u>MW-3S</u>	sample date/time	<u>6/27/2007</u> <u>1409</u>
(lab) sample number	<u>Set #6</u>	field personnel	<u>Brian Nichols</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348-01000000</u>		
weather conditions(estimate wind,cloud,precip,humidity,temp)			
<u>Hot, Humid, 98°</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>1.90</u>	from ☒ well casing	from ☐ protective casing	
bottom depth	<u>18.04</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>2.58</u> gallons	
well condition	<u>Poor</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>1.25</u>	elapsed time	<u>12</u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>15</u> gallons	well volumes	<u>5.81</u>
time purge complete	<u>1409</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>~ 5'</u>		
sample containers	<u></u>		

PHYSICAL AND CHEMICAL DATA

odor ?	☒ no	☐ yes	<u></u>
sediment ?	☒ no	☐ yes	<u></u>
color ?	☐ no	☒ yes	<u>Orange Tint</u>
☐ clear	☐ turbid	☐ sheen	☐ immiscible product
☒ other	<u>Sl. Turbid</u>		
pH (SU)	<u>6.92</u>	temp (C)	<u>13.6</u>
ORP (mv)	<u>9.2</u>	turbidity (NTUs)	<u>58.1</u>
cond (µS)	<u>37</u>	PID (ppm)	<u></u>
comments/remarks	<u>BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE</u>		
	<u>WELL COVER MISSING WELL RIMS ARE BROKEN AND MISSING SCREWS</u>		

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	7.1	B	7.2	B
	11/14/1997	17.2		5.2	B	5.9	B	4.6	B	14.4		9.1	B
	5/19/1998	8.3	B	9.1	B	7.6	B	7.6	B	15.2		13.1	
	11/5/1998	24.5		34.2		21.4		13.4		2.2	U	2.2	U
	5/25/1999	6.8	U	6.8	U	6.8	U	6.8	U	6.8	U	6.8	U
	11/18/1999	2.9	U	2.9	U	2.9	U	2.9	U	7.8		2.9	U
	6/28/2000	2.9	U	2.9	U	2.9	U	2.9	U	3.6	B	2.9	U
	11/15/2000	11.2		10	U	10	U	10	U	10	U	10	U
	6/20/2001	3.5	U	3.5	U	3.5	U	3.5	U	6.87		3.5	U
	11/29/2001	10	U	10	U	10	U	10	U	10	U	10	U
	6/26/2002	10	U	10	U	10	U	10	U	10	U	10	U
	11/19/2002	10	U	10	U	10	U	10	U	10	U	10	U
	6/24/2003	10	U	10	U	10	U	10	U	10	U	10	U
	11/17/2003	10	U	10	U	10	U	10	U	10	U	10	U
	6/21/2004	10	U	10	U	10	U	10	U	10	U	10	U
	11/22/2004	10	U	10	U	10	U	10	U	10	U	10	U
	6/22/2005	10	U	10	U	10	U	10	U	10	U	10	U
	11/22/2005	10	U	10	U	10	U	10	U	10	U	10	U
	7/5/2006	10	U	10	U	10	U	10	U	10	U	10	U
	11/27/2006	10	U	10	U	10	U	10	U	22.6		10	U
	6/27/2007	10	U	10	U	10	U	10	U	10	U	21.9	

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
	7/5/2006	5	U	5	U	5	U	5	U	5	U
	11/27/2006	5	U	5	U	5	U	5	U	10.4	
	6/27/2007	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	
Copper GW Standard 200 ug/L	5/22/1997	5.7	B	3.6	B	19.9	B	1.7	U	18.8	B
	11/14/1997	46.5		13.1	B	34.2		7.7	B	74.3	35.3
	5/19/1998	9.3	B	3.7	B	5.7	B	4.5	B	26.8	12.3 B
	11/5/1998	8.3	B	16.6	B	13.9	B	77.4		15.5	B 85.8
	5/25/1999	6.8	B	21.4	B	7.2	B	18.5	B	9.4	B 17.5 B
	11/18/1999	21.8		23.1		103		7.6		478	22.1
	6/28/2000	3.7	U	15	B	36		3.7	U	255	3.7 U
	11/15/2000	87		38.4		20	U	20	U	43.2	20 U
	6/20/2001	10.3		17.7		145		17.1		520	16
	11/29/2001	20	U	20	U	25.9		20	U	204	20 U
	6/26/2002	20	U	23		20	U	20	U	20	U
	11/19/2002	20	U	40		47		20	U	20	U
	6/24/2003	20	U	20	U	20	U	20	U	20	U
	11/17/2003	20	U	20	U	20	U	20	U	20	U
	6/21/2004	20	U	20	U	20	U	20	U	27.4	20 U
	11/22/2004	20	U	20	U	20	U	20	U	56	20 U
	6/22/2005	20	U	20	U	20	U	20	U	20	U
	11/22/2005	20	U	31.2		20	U	20	U	20	U
	7/5/2006	20	U	20	U	20	U	20	U	26	20 U
	11/27/2006	21.6		64.1		28.5		20	U	38.7	20 U
	6/27/2007	20	U	20	U	20	U	20	U	20	U 106

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
Lead GW Standard 25 ug/L	5/22/1997	1.1	U	1.1	U	4.4		1.1	U	12.7	21.2
	11/14/1997	2.4	B	0.7	U	2.9	B	0.7	U	36.1	18.2
	5/19/1998	1.4	B	0.7	U	0.81	B	0.7	U	14.6	16.6
	11/5/1998	1.8	U	1.8	U	1.8	U	1.8	U	6.1	23.5
	5/25/1999	1.8	U	1.8	U	1.8	U	1.8	U	13	12.7
	11/18/1999	0.99	U	0.99	U	21		0.99	U	68	3.6
	6/28/2000	2.3	U	44.4		7.2		2.3	U	98.5	17.5
	11/15/2000	5	U	91.8		8.05		5	U	22.5	19.6
	6/20/2001	1.69		37.9		45.2		5.13		62.3	7.28
	11/29/2001	5	U	5	U	5	U	5	U	21.5	5 U
	6/26/2002	5	U	5	U	5.88		5	U	5 U	5 U
	11/19/2002	5	U	5.64		13.2		5	U	5.07	5 U
	6/24/2003	5	U	5	U	5	U	5	U	6.81	5 U
	11/17/2003	5	U	5	U	5	U	5	U	21.5	5 U
	6/21/2004	5	U	5	U	5	U	5	U	17.8	5 U
	11/22/2004	5	U	5	U	5	U	5	U	10.1	12.4
	6/22/2005	5	U	5	U	5	U	5	U	5 U	5 U
	11/22/2005	5	U	10.7		5	U	5	U	11.3	5.58
	7/5/2006	5	U	5	U	5	U	5	U	6	5 U
	11/27/2006	5	U	13.2		11.7		5	U	54.2	7.3
	11/27/2006	5	U	13.2		11.7		5	U	54.2	7.3
	6/27/2007	5	U	5	U	5	U	5	U	5 U	72.5

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		0.27	
	6/28/2000	0.05	B	0.01	U	0.02	B	0.34	B
	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
	7/5/2006	0.3	U	0.3	U	0.3	U	0.3	U
	11/27/2006	0.3	U	0.3	U	0.3	U	0.3	U
	11/27/2006	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 2,000 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	
	7/5/2006	25	51	20 U	20 U	20 U	20 U	
	11/27/2006	23.3	352	84.7	20 U	64.4	65.5	
	6/27/2007	20 U	20 U	20 U	20 U	20 U	1150	

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
Historically Detected
VOC Compounds in MW-2S
(concentration in ug/l)

Sampling Date	Analytical Parameters							
	Vinyl Chloride		1, 2-Dichloroethene		MTBE		Tert-Butyl-Alcohol	
Standard	2.0		5.0		10.0		20.0	
5/22/1997	4	J	2	J	-		-	
11/14/1997	21		3	J	-		-	
5/19/1998	17		3	J	-		-	
11/5/1998	14		3	J	-		-	
5/25/1999	13		2	J	-		-	
11/18/1999	6	J	10	U	-		-	
6/28/2000	7.8		1.6		-		-	
11/15/2000	5	U	5	U	-		-	
6/20/2001	7.6		1.2		190		-	
11/29/2001	2.5	U	0.5	U	82		270	
6/26/2002	1.6		1	U	50		130	
11/19/2002	5	U	5	U	56		210	
6/24/2003	3.3		0.5	U	270		0	
11/17/2003	1.2		0.5	U	250		120	
6/21/2004	0.96		0.5	U	380		90	
11/22/2004	0.64		0.5	U	380		200	
6/22/2005	7.7		1.1		16		23	
11/22/2005	4.1		0.5	U	61		90	
7/5/2006	6.4		0.6		63		110	
11/27/2006	4		0.5	U	70	E	110	
6/27/2007	2.5		0.5	U	93	E	250	

U - Compound not detected

J - Estimated value, less than detection limit

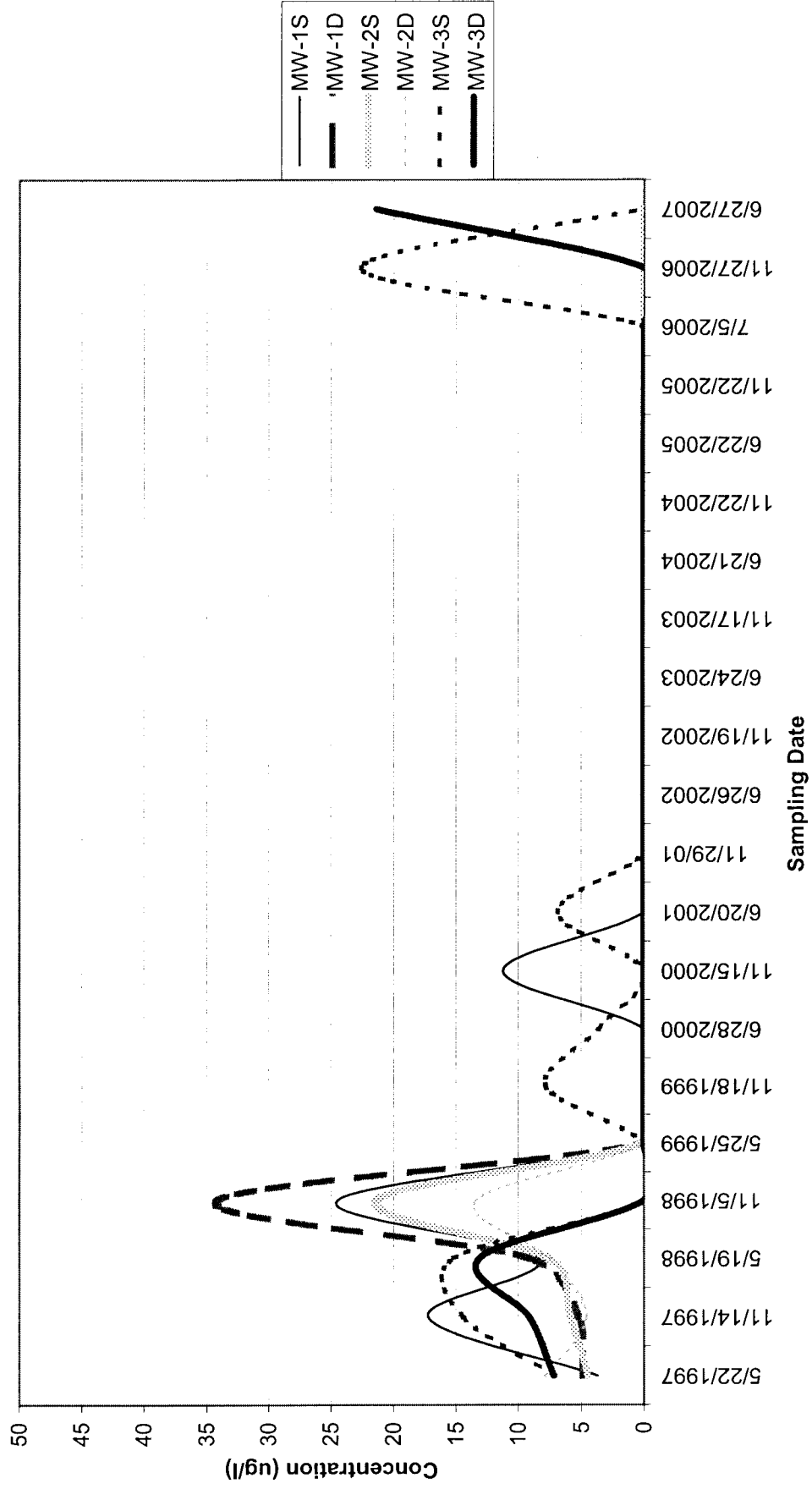
E - Concentrations exceed the calibration range

D - Spike was diluted out

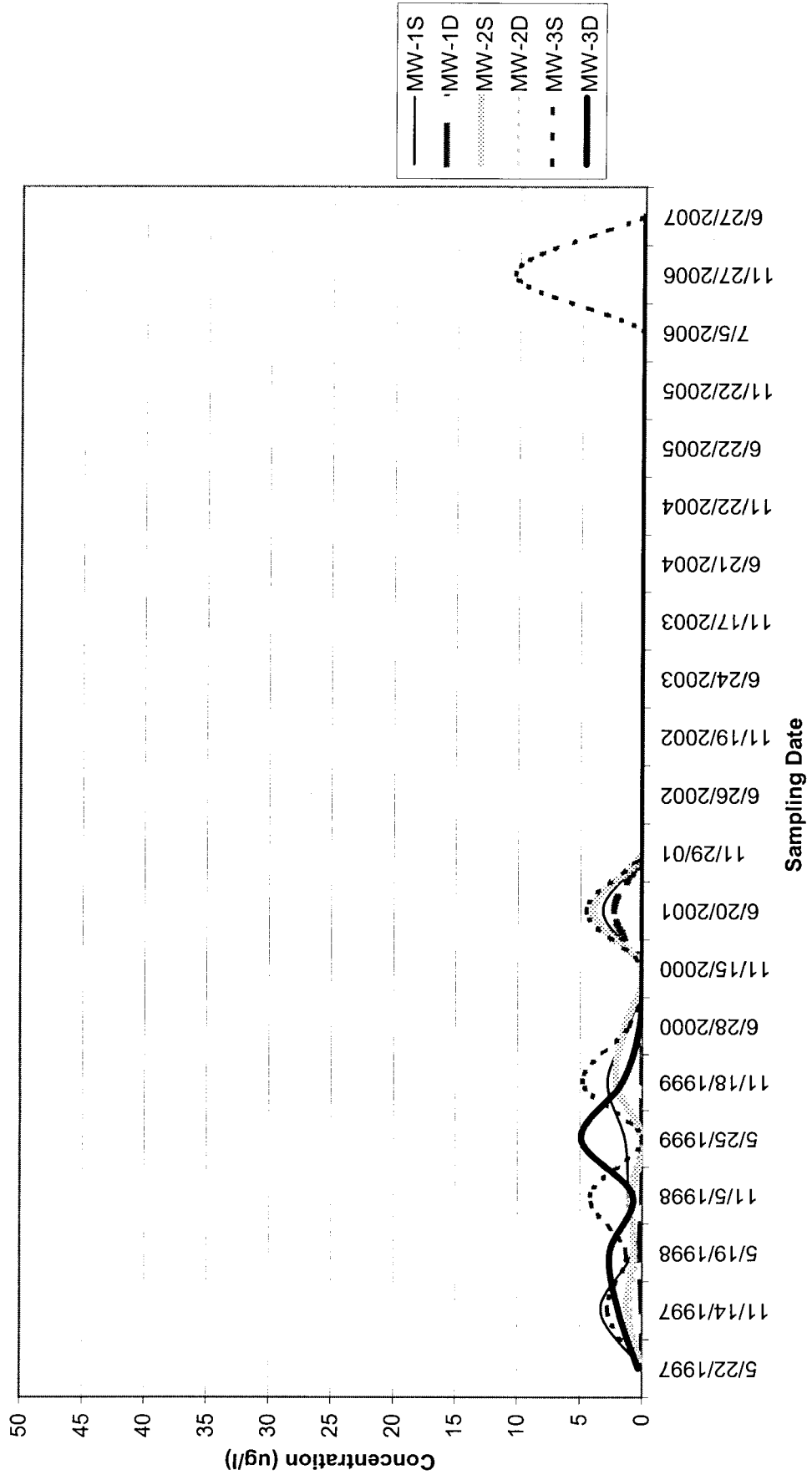
Attachment D

Historical Groundwater Monitoring Graphs

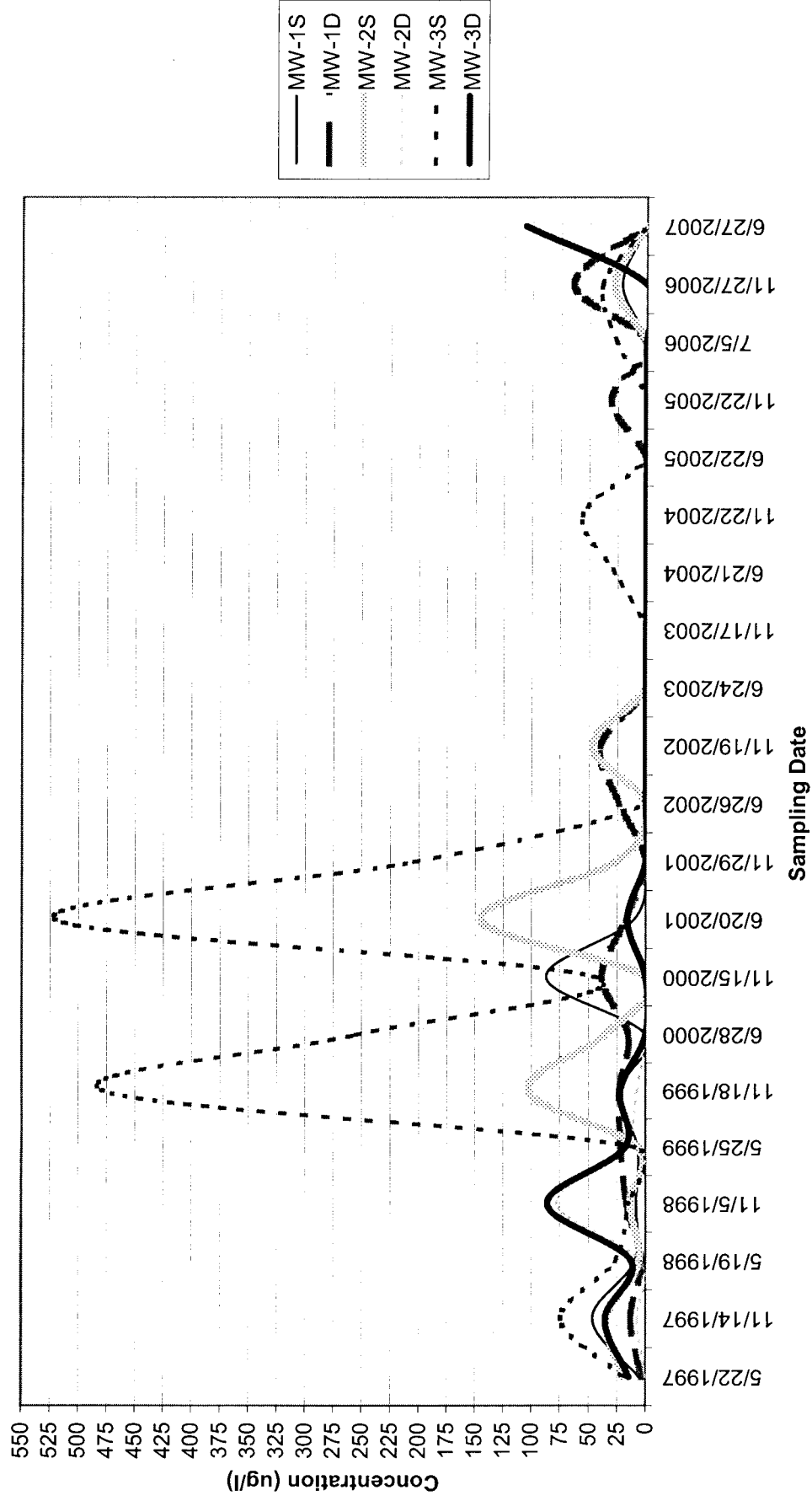
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Arsenic (ug/L)



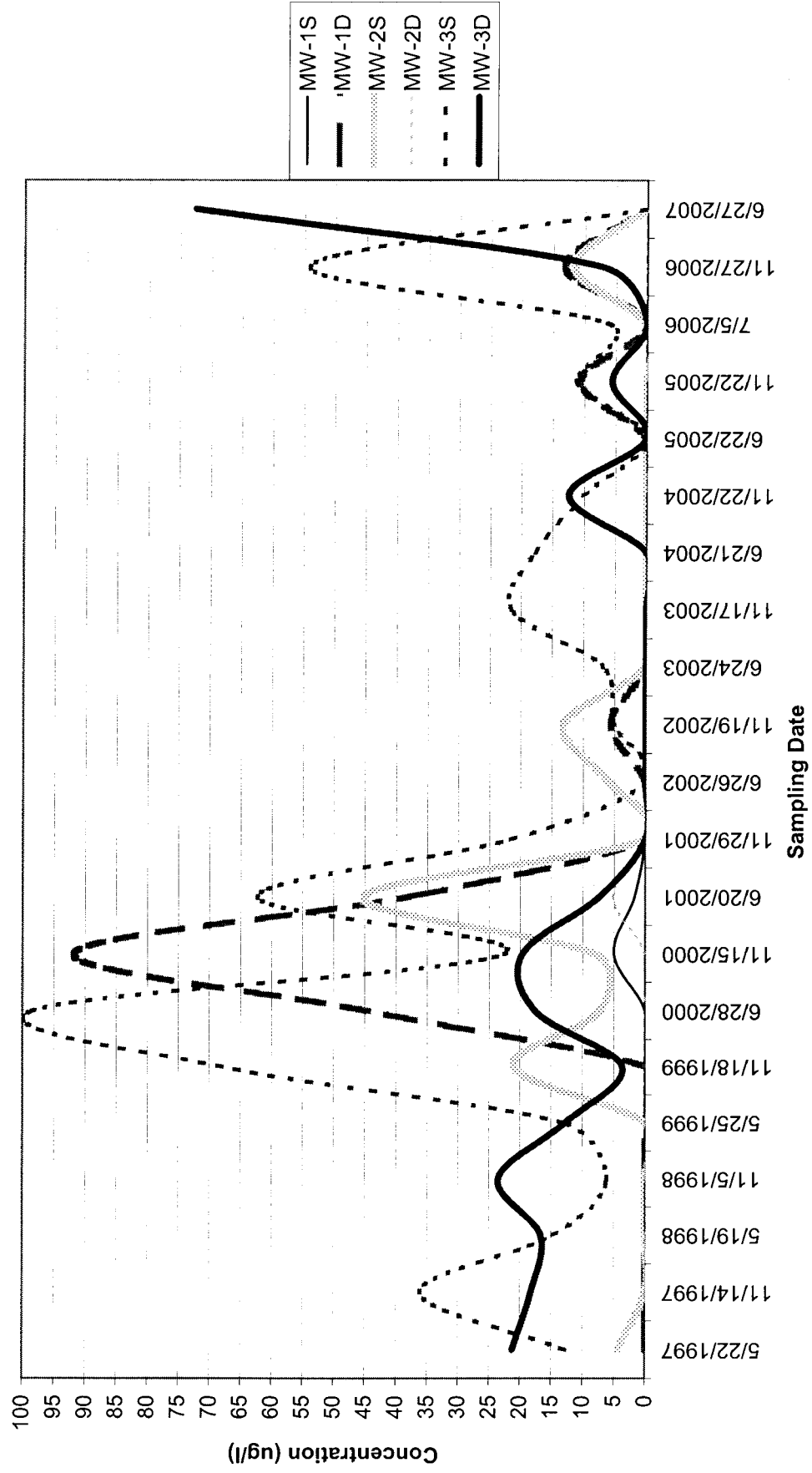
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Cadmium (ug/L)



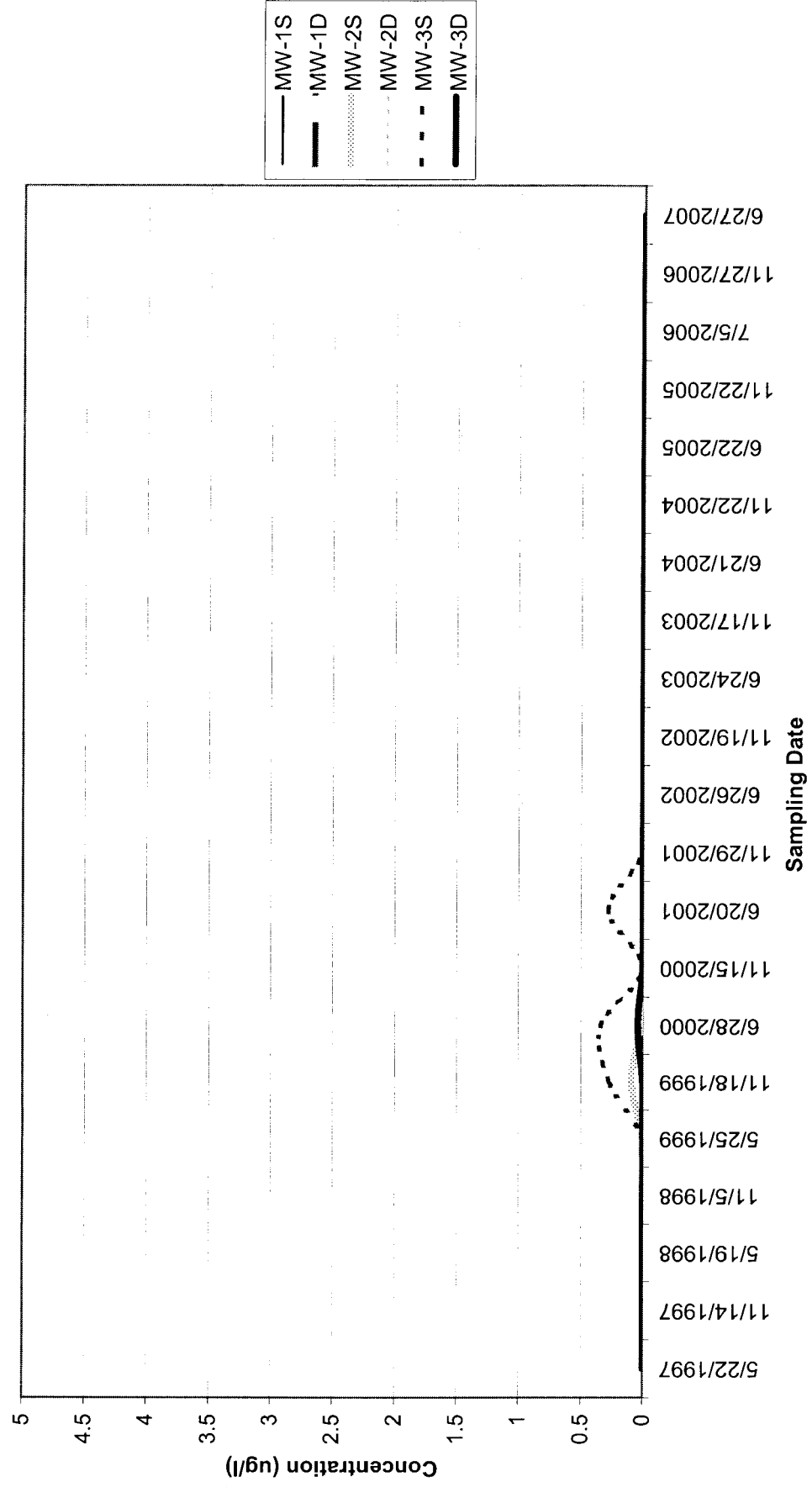
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Copper (ug/L)



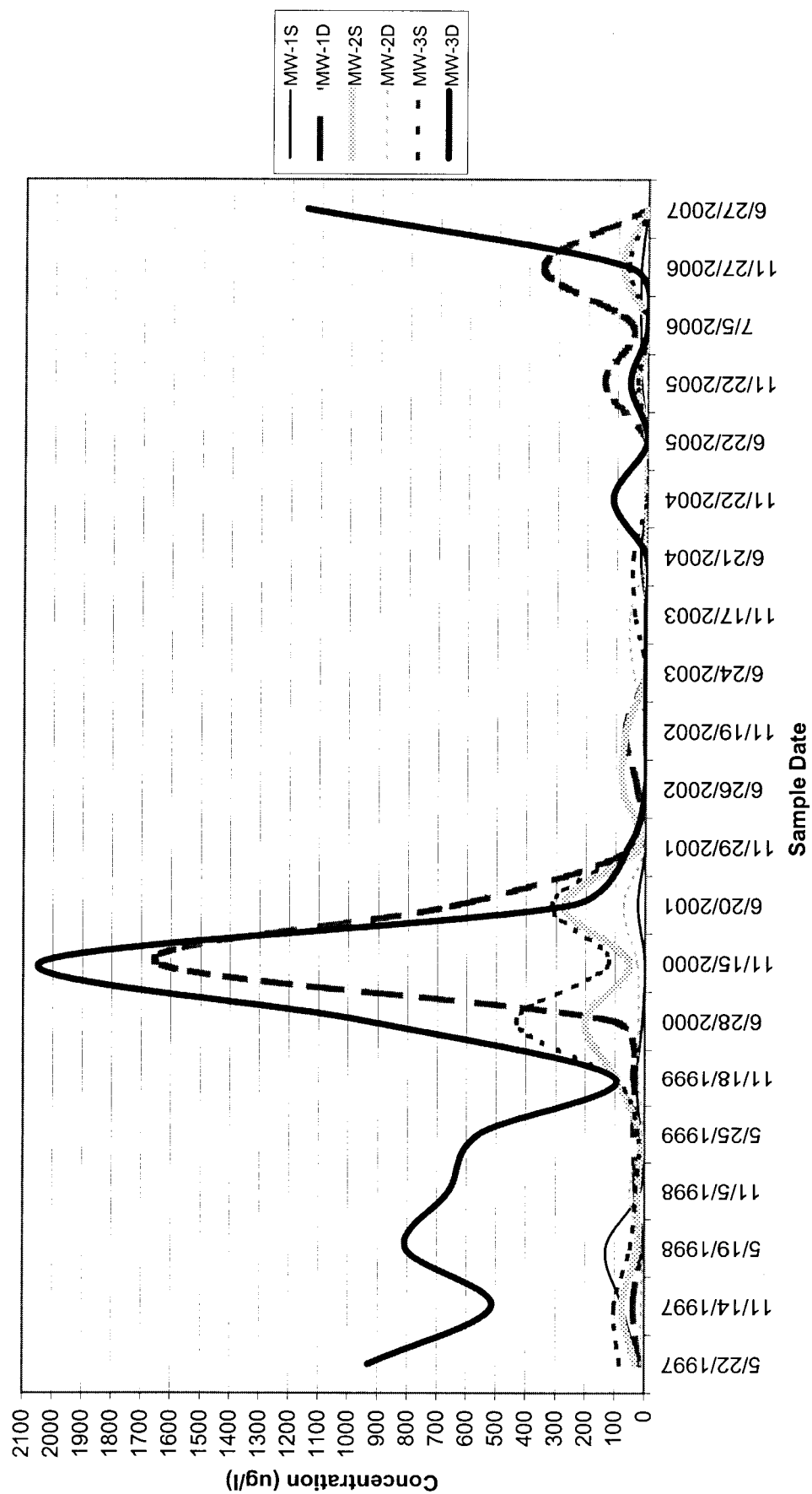
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph



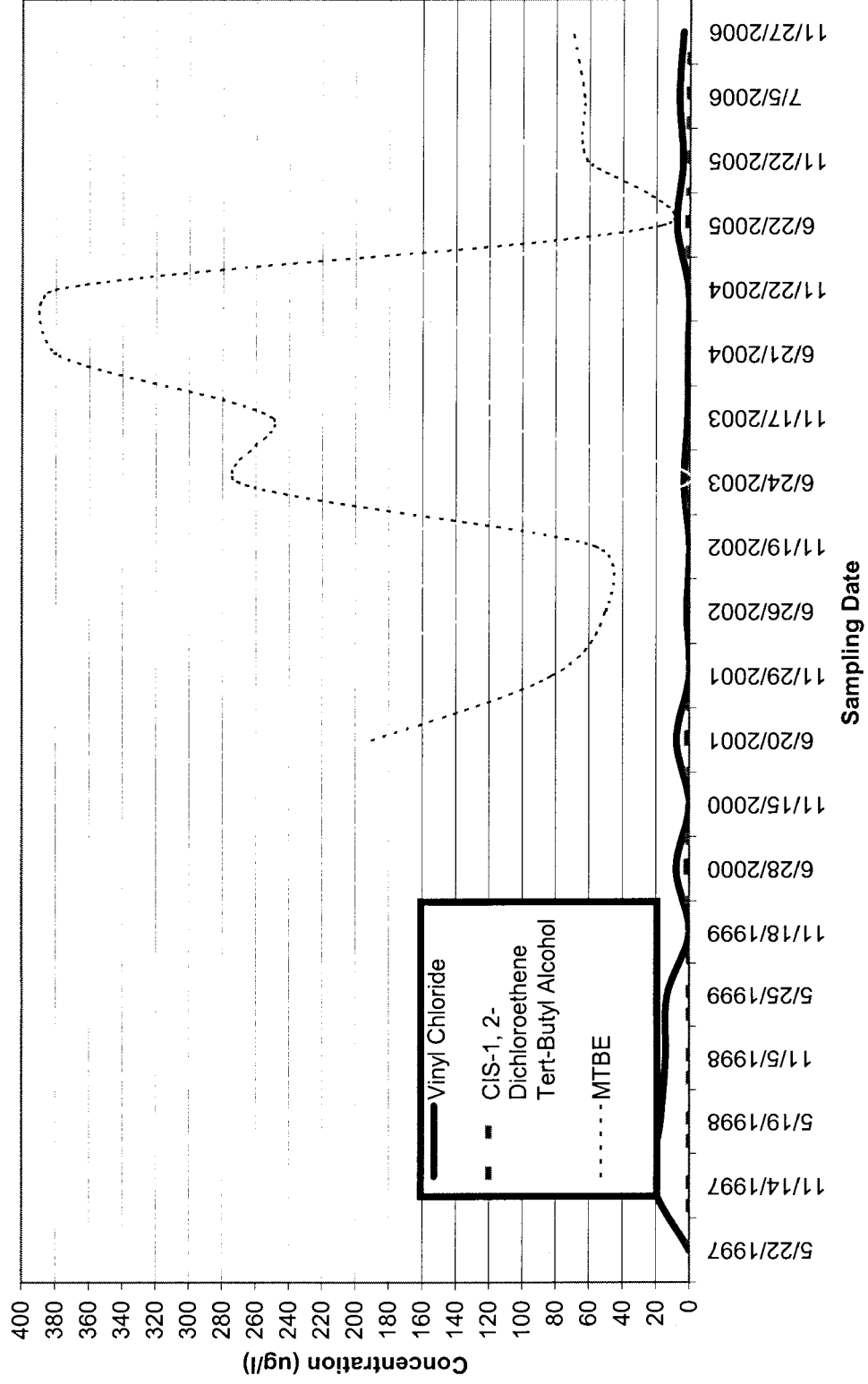
Village of Mamaroneck, Taylor Lane Historical Groundwater Monitoring Graph Mercury (ug/L)



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



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



Attachment E

Historical Summary Tables for Field Parameters

[illegible]

(μS): Units of Conductivity (micro Siemens)

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]

(μS): Units of Conductivity (micro Siemens)

[illegible]

(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
	7/5/2006	ND	ND	ND
	11/27/2006	ND	ND	ND
	6/27/2007	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
	7/5/2006	ND	ND	ND
	11/27/2006	ND	ND	ND
	6/27/2007	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
	7/5/2006	ND	ND	ND
	11/27/2006	ND	ND	ND
	6/27/2007	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
	7/5/2006	ND	ND	ND
	11/27/2006	ND	ND	ND
	6/27/2007	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
	7/5/2006	ND	5	100
	11/27/2006	ND	2.8	56
	6/27/2007	ND	3.2	64

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
	7/5/2006	ND	ND	ND
	11/27/2006	ND	ND	ND
	6/27/2007	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
	7/5/2006	ND	ND	ND
	11/27/2006	ND	ND	ND
	6/27/2007	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
	7/5/2006	ND	18.5	370
	11/27/2006	ND	3	60
	6/27/2007	ND	0	0

Notes: ND = Not Detected

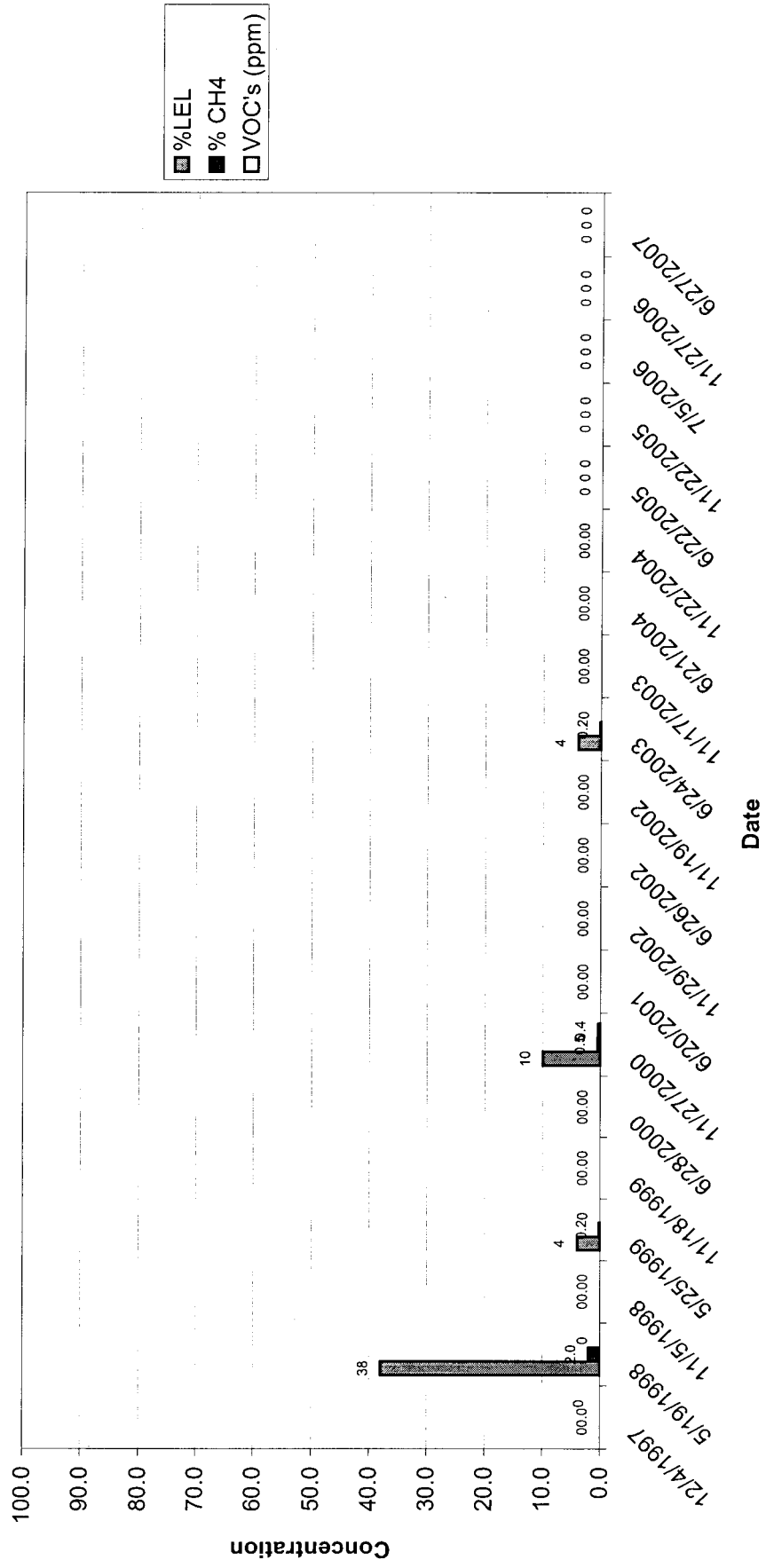
The value 101 is used for graphing purposes,
 101 is the value greater than 100.

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

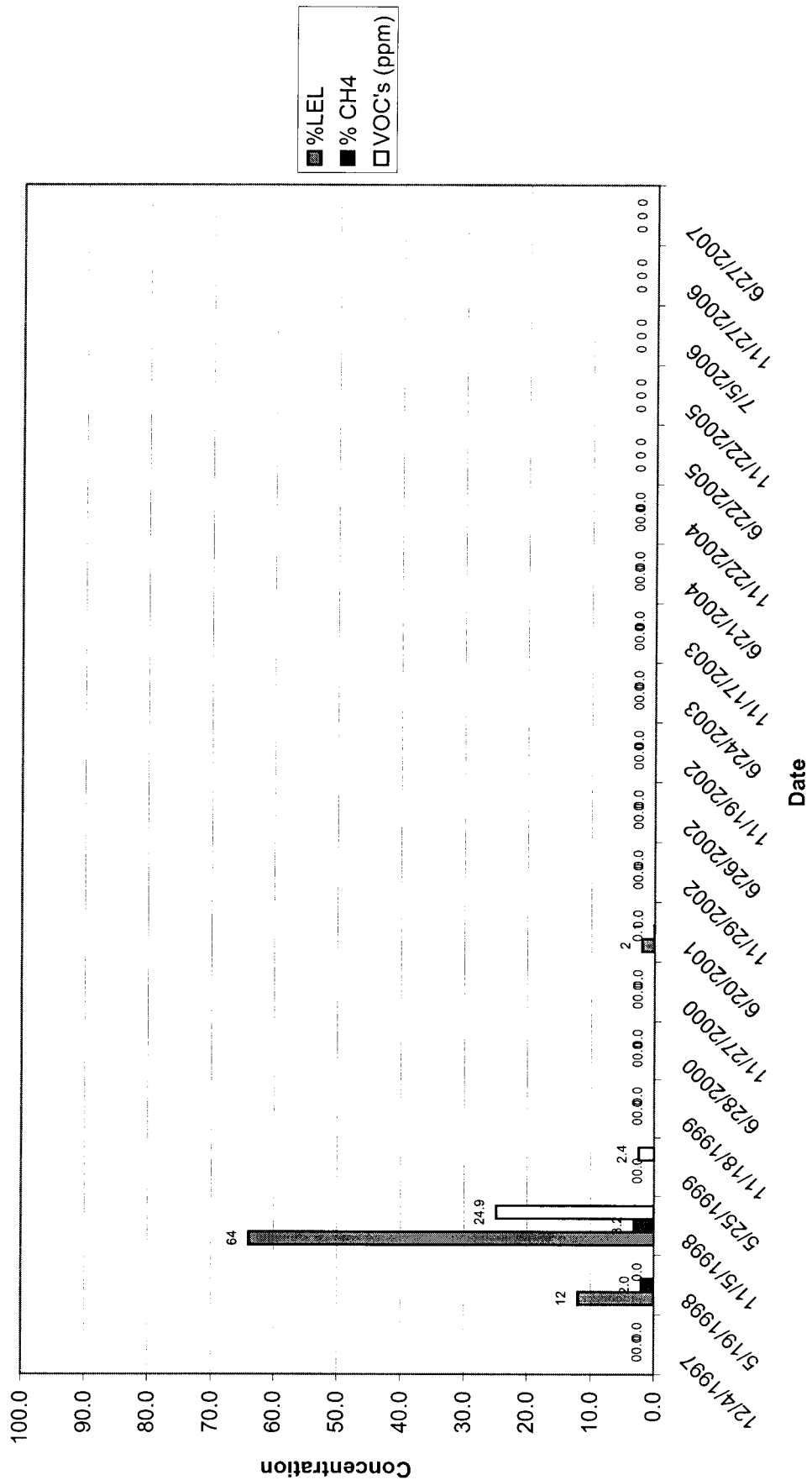
Attachment G

Historical Gas Vent Monitoring Graphs

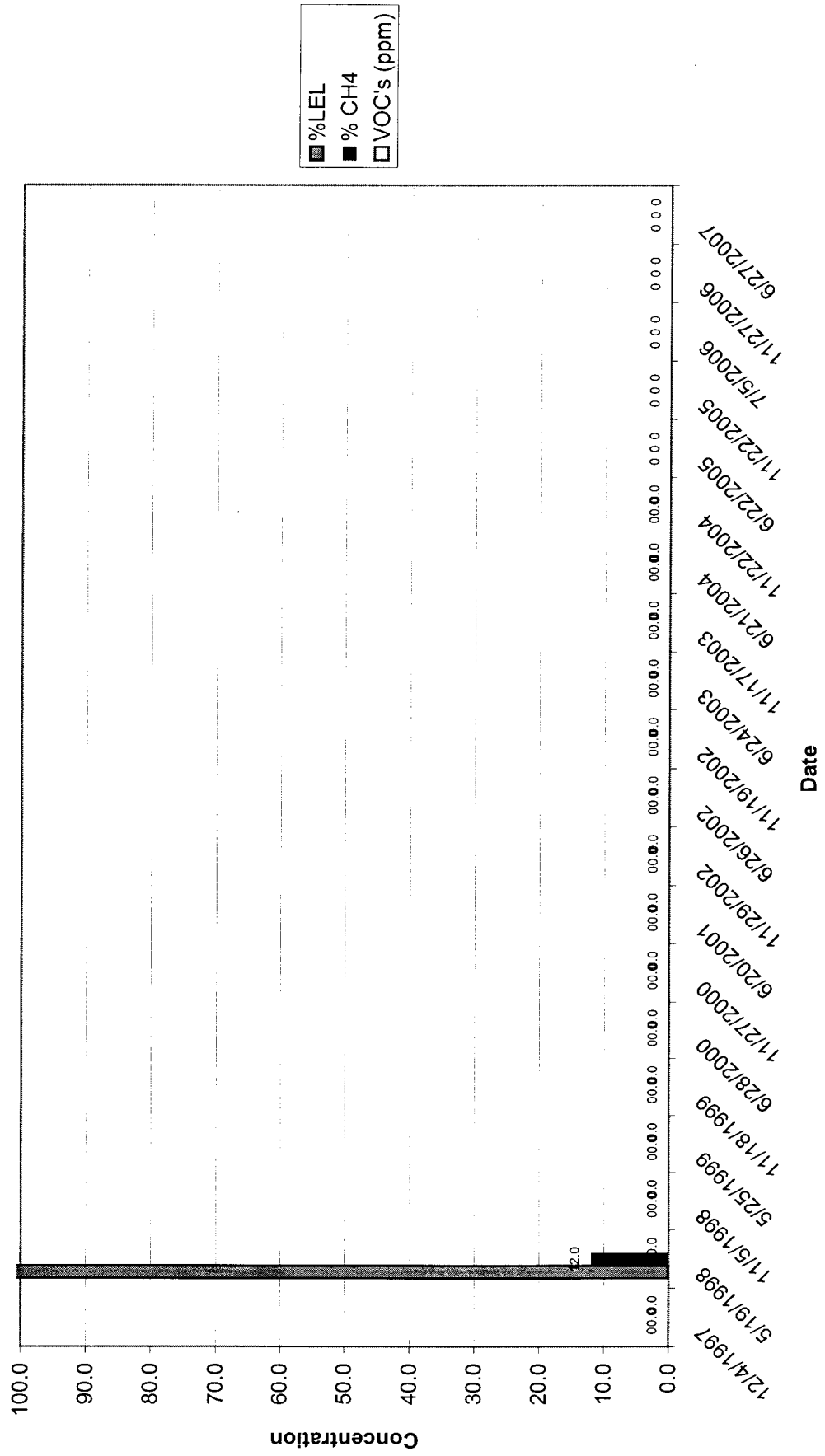
Village of Mamaroneck, Taylor Lane Historical Gas Vent Monitoring GV-1



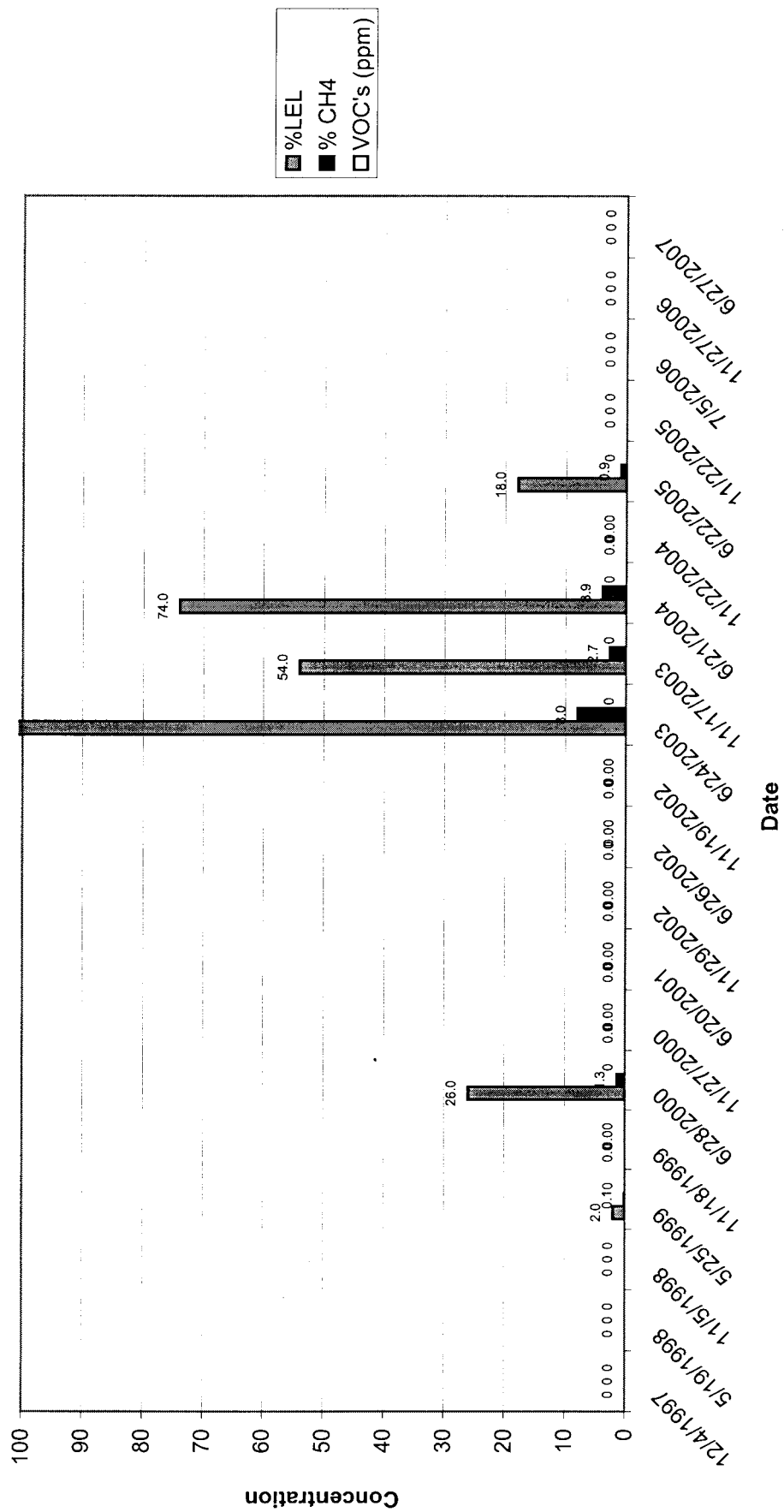
Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-2



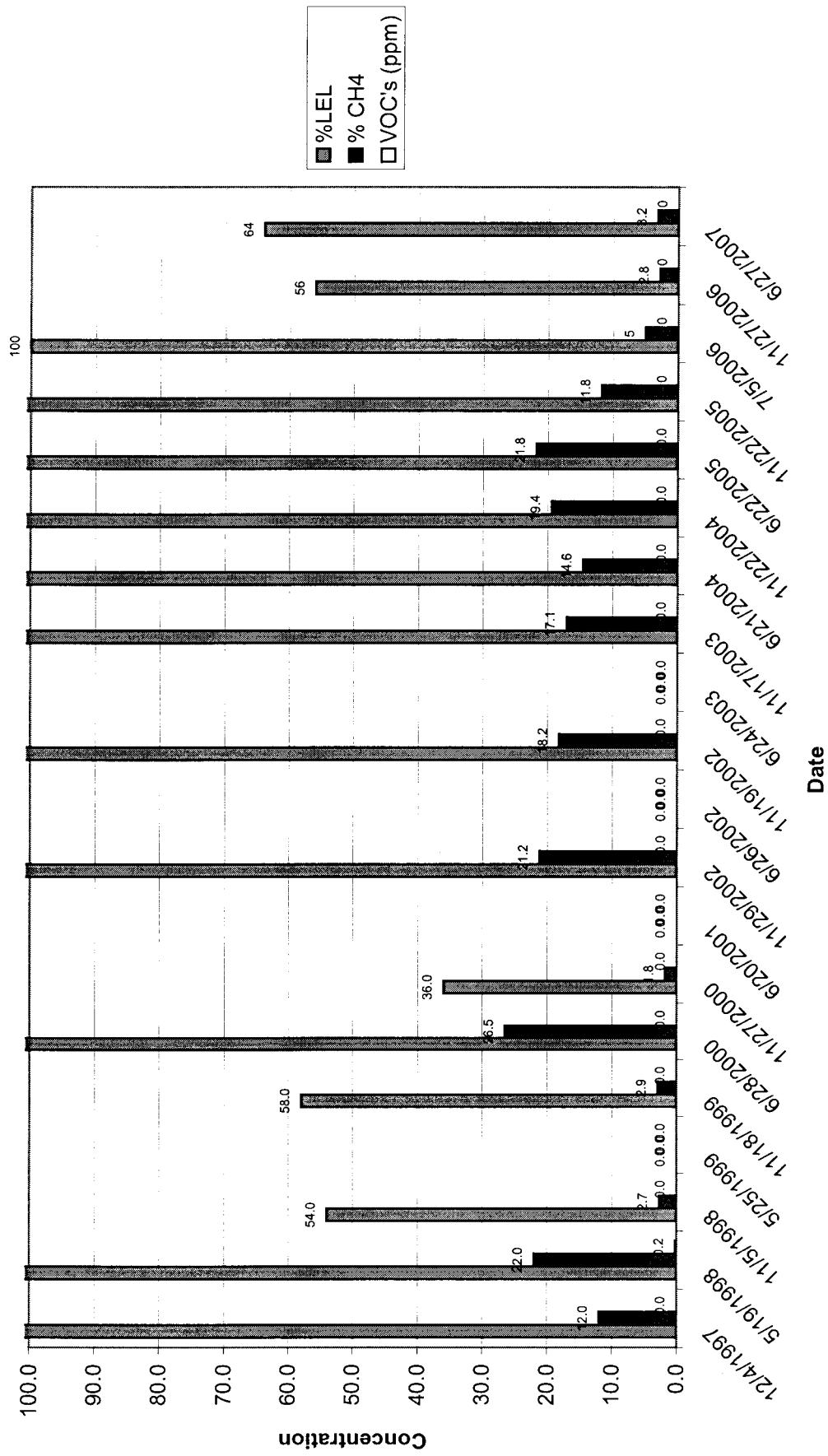
Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-3



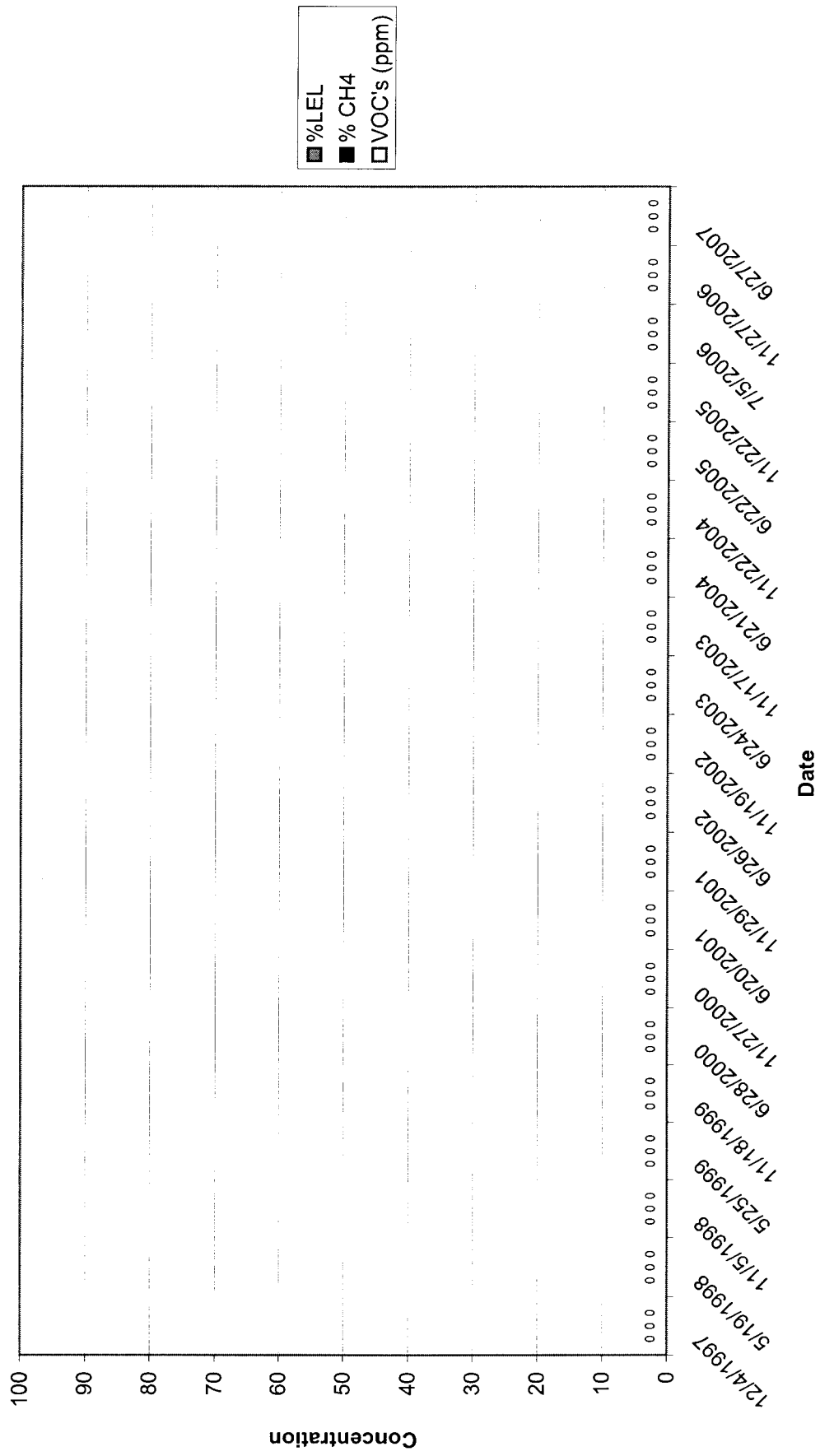
Village of Mamaroneck, Taylor Lane
 Historical Gas Vent Monitoring
 GV-4



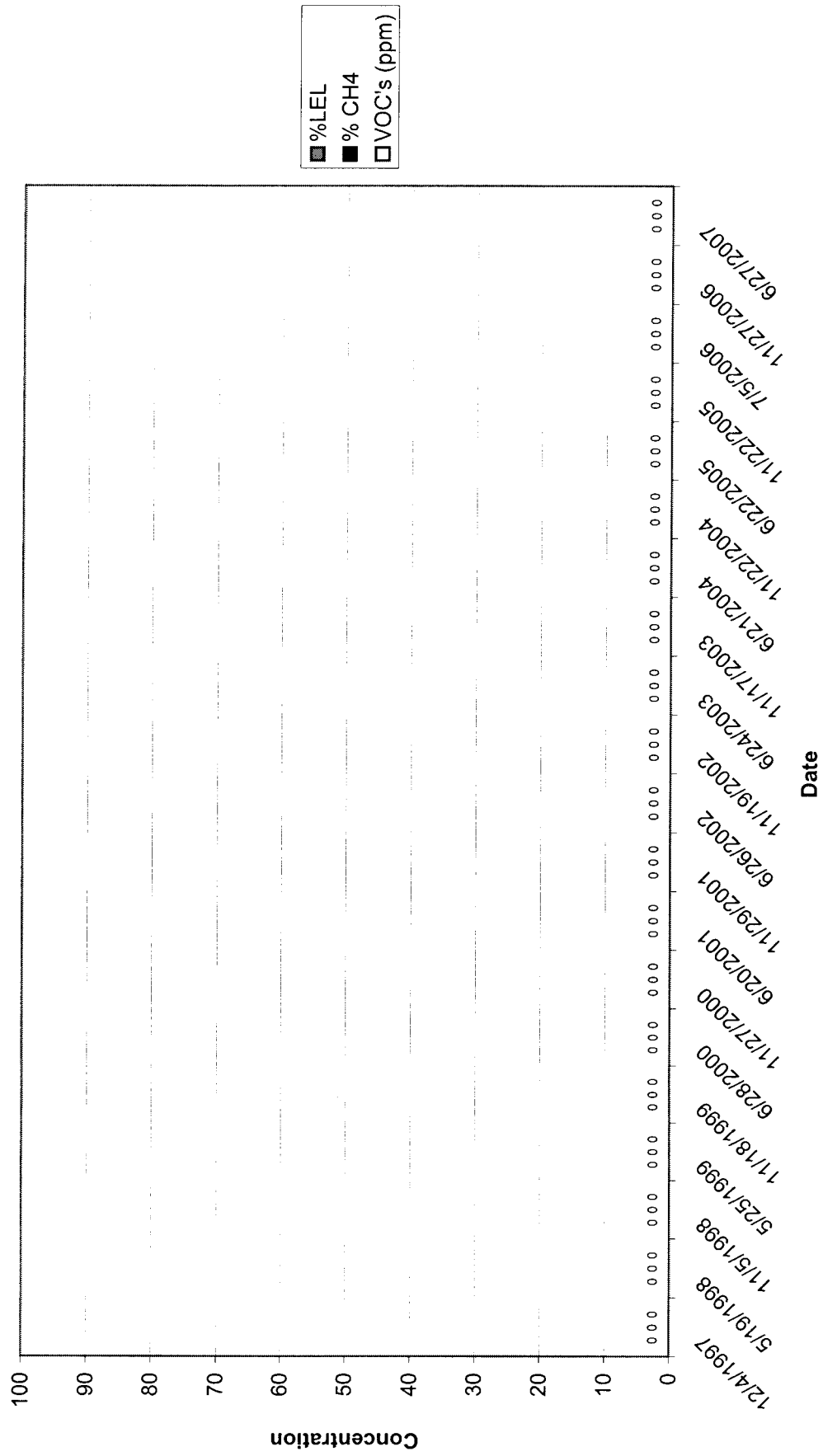
Village of Mamaroneck, Taylor Lane Historical Gas Vent Monitoring GV-5



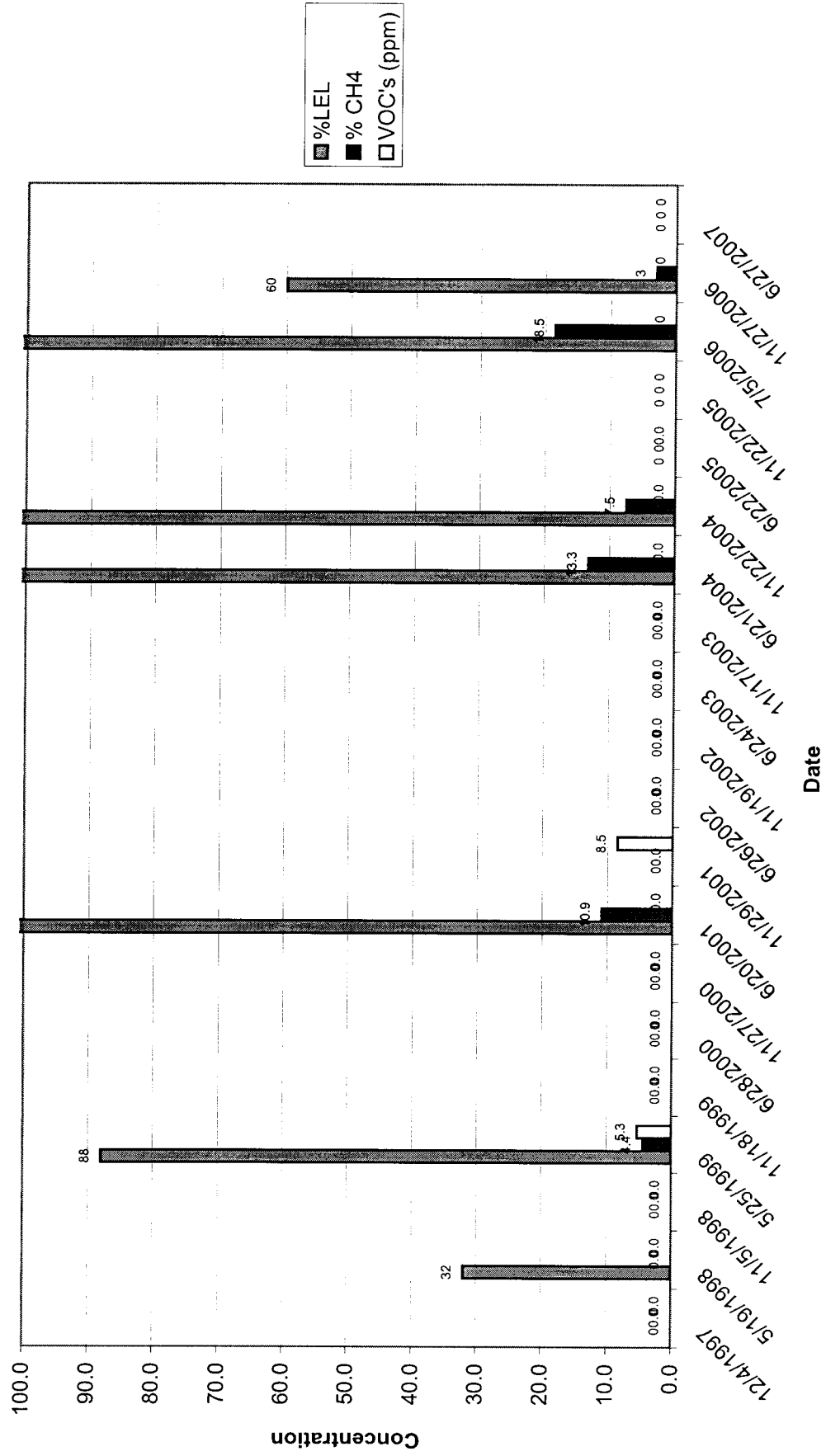
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-6



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



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



Tables

TABLE 1
Village of Mamaroneck
Taylor Lane Compost Site
MW-2S
Detected VOC Compounds
(concentration in ug/l)

Date Sampled: 6/27/2007

Analytical Dilution		Analytical Parameters			
		Vinyl Chloride	MTBE	Tert-Butyl-Alcohol	CIS-1, 2-Dichloroethene
	Standard	2.0	10.0	20	5.0
1.00		2.5	93	250	0.5
5.00		2.8	97	280	2.5

Notes:

U - Compound not detected

E - Concentrations exceed the calibration range

D - Spike was diluted out

TABLE 2
Village of Mamaroneck
GAS VENT MONITORING
June 27, 2007

<i>IDENTIFICATION</i>	<i>TIME</i>	<i>PID (ppm)</i>	<i>% CH4</i>	<i>% LEL</i>
GV-1	1432	0	0	0
GV-2	1439	0	0	0
GV-3	1453	0	0	0
GV-4	1459	0	0	0
GV-5	1513	0	3.2	64
GV-6	1528	0	0	0
GV-7	1538	0	0	0
GV-8	1558	0	0	0

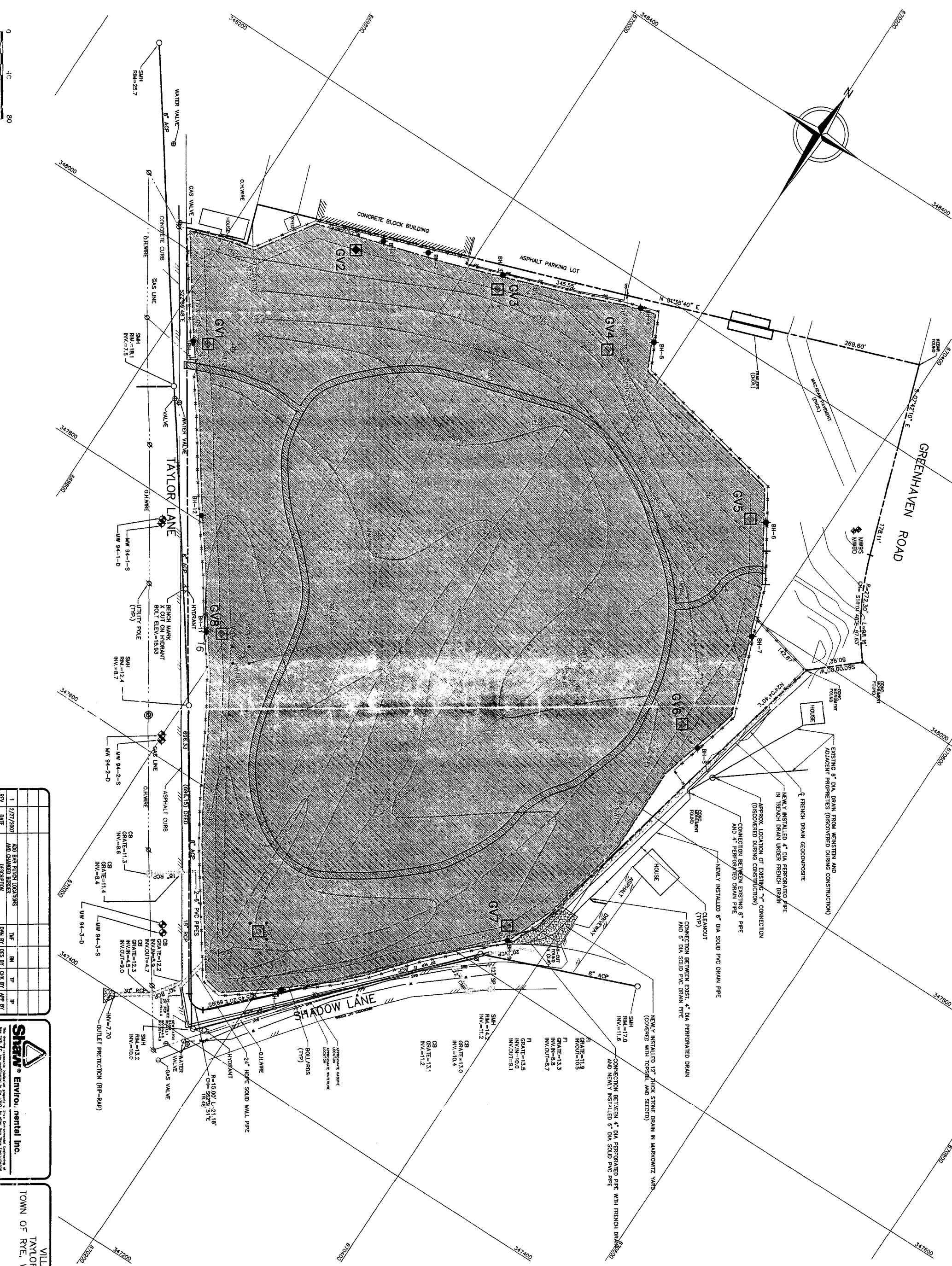
Note: See drawing entitled 'Record Plan' dated 1/98
for monitoring locations.
ND = Not detected

TABLE 3
Village of Mamaroneck
BAR HOLE MONITORING
June 27, 2007

<i>IDENTIFICATION</i>	<i>TIME</i>	<i>PID (ppm)</i>	<i>% CH4</i>	<i>% LEL</i>
BH-1	1443	0.0	0.0	0.0
BH-2	1450	0.0	0.0	0.0
BH-3	1456	0.0	0.0	0.0
BH-4	1505	0.0	0.0	0.0
BH-5	1507	0.0	0.0	0.0
BH-6	1518	0.0	0.0	0.0
BH-7	1523	0.0	0.0	0.0
BH-8	1530	0.0	0.0	0.0
BH-9	1541	0.0	0.0	0.0
BH-10	1548	0.0	0.0	0.0
BH-11	1603	0.0	0.0	0.0
BH-12	1614	0.0	0.0	0.0
BH-13	1435	0.0	0.0	0.0

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

Drawing



REV	DATE	BY	DESCRIPTION
1	12/27/2007	JMW	ADD SANITARY LOCATIONS
2	01/08/2008	JMW	ADD SANITARY LOCATIONS
3	01/08/2008	JMW	ADD SANITARY LOCATIONS
4	01/08/2008	JMW	ADD SANITARY LOCATIONS
5	01/08/2008	JMW	ADD SANITARY LOCATIONS
6	01/08/2008	JMW	ADD SANITARY LOCATIONS
7	01/08/2008	JMW	ADD SANITARY LOCATIONS
8	01/08/2008	JMW	ADD SANITARY LOCATIONS
9	01/08/2008	JMW	ADD SANITARY LOCATIONS
10	01/08/2008	JMW	ADD SANITARY LOCATIONS
11	01/08/2008	JMW	ADD SANITARY LOCATIONS
12	01/08/2008	JMW	ADD SANITARY LOCATIONS
13	01/08/2008	JMW	ADD SANITARY LOCATIONS
14	01/08/2008	JMW	ADD SANITARY LOCATIONS
15	01/08/2008	JMW	ADD SANITARY LOCATIONS
16	01/08/2008	JMW	ADD SANITARY LOCATIONS
17	01/08/2008	JMW	ADD SANITARY LOCATIONS
18	01/08/2008	JMW	ADD SANITARY LOCATIONS
19	01/08/2008	JMW	ADD SANITARY LOCATIONS
20	01/08/2008	JMW	ADD SANITARY LOCATIONS

Shaw Enviro. nental Inc.

100 West 10th Street, Suite 200
New York, NY 10011
Tel: 212-691-1000
Fax: 212-691-1001
www.shawenviro.com

VILLAGE OF MAMARONECK
TAYLOR LANE COMPOSITE SITE
TOWN OF RYE, WESTCHESTER COUNTY, NEW YORK

- LEGEND**
- MH = SANITARY SEWER
 - CB = CATCH BASIN
 - FG = FLAT GRADE
 - RP = REINFORCED CONC
 - AP = ASPHALT
 - CP = CORRUGATED MET
 - VP = VITRIFIED CLAY PI
 - SP = STEEL PIPE
 - SW = MONITORING WELL
 - SW = STONE WALL
 - SW = VEGETATIVE DEBR
 - UP = UTILITY POLE
 - = PROPERTY LINE
 - = TRIANGULAR DRAIN
 - = GAS VENTING PIPE
 - = CONTOUR
 - = LIMIT OF FINAL CO
 - ◆ = GAS VENT
 - ◆ = MONITORING WELL
 - ◆ = BAR HOLE PUNCH
 - = FENCE AROUND G (TYP)
 - ▨ = FINAL COVER ARE
 - = WALK TRAIL
- NOTES:**
1. NORTH REFERENCE IS BASED ON FI #3107.
 2. BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM A FIELD SURVEY PERFORMED BY WEHMAN ENGINEERING IN APRIL 2007.
 3. TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED UPON A GROUND SURVEY PERFORMED BY WEHMAN ENGINEERING IN APRIL 2007 (RECEIVED MAY 6, 1988).
 4. VERTICAL DATUM BASED ON U.S.G.S. MEAN SEA LEVEL DATUM OF 1929.
 5. ELEVATIONS OR POINT-OF-INTEREST ARE THE LANDS, AND NOT VISIBLE, ARE SHOWN.
 6. GRID COORDINATES SHOWN HEREON ARE FOR NEW YORK STATE PLANE COORDINATE SYSTEM.
 7. FINAL COVER DRAINAGE PIPES ARE TO BE INSTALLED AS THE TRIANGULAR DRAINAGE ALIGNMENT.
 8. DRAINAGE INFORMATION FOR WESTERN PROPERTY SHOWN AND FIELD MEASUREMENTS FROM EXISTING FEATURES.
- MAP REFERENCE:**
1. "REVISED MAP OF FIRST ADDITION TO TAYLOR LANE COMPOSITE SITE" IN WESTCHESTER COUNTY CLERK'S OFFICE AS MAP #3107.
 2. "MAP #4204" AS FILED ON 11/16/06 IN WESTCHESTER COUNTY CLERK'S OFFICE.