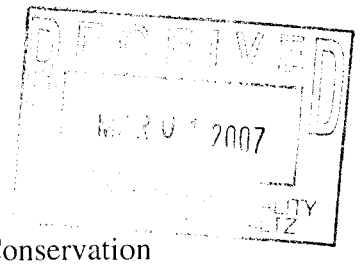
Shaw® Shaw Environmental, Inc.

A World of **Solutions**



February 28, 2007
Project 124348

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

Re: November 2006 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 November 27, 2006. This November 2006 Semi-Annual Monitoring Report summarizes all activities performed and results obtained in association with the November 2006 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 27, 2006. 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 November 27, 2006. 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 November 2006 groundwater analytical data indicated that the inorganic constituents of cadmium, lead and zinc were 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-1D: Zinc – 352ug/l, standard – 300ug/l
- MW-3S: Cadmium – 10.4ug/l, standard – 5ug/l
  Lead – 54.2ug/l, standard – 25ug/l

Analytical laboratory data summary packages and the field data sheets for the groundwater samples collected in November 2006 are provided as respective Attachments A and B of this Report.

Table 1 of this Report presents VOCs detected during the November 2006 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 70 ug/l, 4.0 ug/l and 110 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 November 2006 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 November 2006 sampling event. Methane gas was detected at GV-5 at concentrations of 2.8% methane gas and 56% LEL, and GV-8 at concentrations of 3.0% methane gas and 60% 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 June 2007 sampling event.

If you should have any questions regarding the above information, please do not hesitate to contact me at 845-492-3124.

Sincerely,

SHAW ENVIRONMENTAL, INC.

Timothy S. Pagano, 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

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

December 14, 2006

Mr. Tim Pagano
Shaw E & I, Inc.
4 Commerce Drive South
Harriman, NY 10926

PROJECT:MAMARONECK - TAYLORS LANE
Submission #:R2634917

Dear Mr. Pagano

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 K. Perry

Michael Perry
Laboratory Director

Enc.

Columbia Analytical Services, Inc.
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 # : R2634917
Project Manager : Michael Perry
Reported : 12/14/06

Samples Subcontracted to:

Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester, NY 14608
Lab ID: 10958
Phone #: (585) 647-2530
Fax #: (585) 647-3311
Contact: Marshall Shannon

Report Contains a total of 80 pages

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

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Shaw E & I, Inc.	**Service Request No.:**	R2634917
Project:	Mamaroneck	**Date Received:**	11/28-11/29/06
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Additional quality control analyses reported herein include: Laboratory Control Sample (LCS).

Sample Receipt

Thirteen water samples was received for analysis at Columbia Analytical Services on 11/28/06 – 11/29/06. The sample was received in good condition at cooler temperatures of 3-4 °C and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

General Chemistry Parameters

No analytical or QC problems were encountered during the analysis of the sample.

Total Metals

No analytical or QC problems were encountered during the analysis of the sample.

Volatile Organic Compounds

Seven (7) water samples and Two (2) Trip Blanks were analyzed for the Priority Pollutant list of Volatile Organics by GC/MS Method 624. Two (2) water samples and One (1) Trip Blank were analyzed for the Drinking Water list of Volatile Organics by GC/MS Method 524.2.

The initial calibrations met the criteria for all analytes.

Continuing Calibration Verifications (CCV) met CAS QA acceptance criteria.

All surrogate standard recoveries were within acceptance limits for all samples.

The LCS was within QC limits for all analytes except TBA for the 524.2 analysis was out of limits high. No data was affected.

All Laboratory Method Blanks were free of contamination. The Trip Blank was on hold for this project.

All required analysis holding times of 14 days were met. All sample aliquots were verified after analysis, to be preserved to a pH <2 or run within the 7 day holding time for unpreserved samples.

Sample MW-2S was re-analyzed at a larger dilution to bring target analytes within the calibration range of the method. Both dilutions were reported with target analytes over the calibration range flagged with an "E".

No other analytical or QC problems were encountered.

Approved by _____ **Date** 12/14/4

Semi-Volatile Organic Compounds

Six (6) water samples were analyzed for the Priority Pollutant list of Semi-Volatile Organics by GC/MS Method 625.

The initial calibrations met the criteria for all analytes.

Continuing Calibration Verifications (CCV) met CAS QA acceptance criteria.

All surrogate standard recoveries were within acceptance limits for all samples.

The LCS was within QC limits for all analytes except TBA for the 524.2 analysis was out of limits high. No data was affected.

All Laboratory Method Blanks were free of contamination. The Trip Blank was on hold for this project.

All required analysis holding times were met.

No other analytical or QC problems were encountered.

608 Pesticide/PCB Analysis

Six (6) water samples were analyzed for the Priority Pollutant list of Pesticide/PCB's by Method 608. This work was sub-contracted to Paradigm Laboratories. Their complete report follows.

Approved by _____ **Date** 12/14/06

Columbia Analytical Services inc.

This report contains analytical results for the following samples:

Submission #: R2634917

Lab ID	Client ID
959267	SMH
959268	TRIP BLANK
959269	SS-2
959270	SS-2
959271	TRIP BLANK
959272	MW-1D
959274	MW-1S
959276	MW-2D
959279	MW-2S
959280	MW-3D
959281	MW-3S
959576	SS-2
959577	SS-2
959578	SS-2
959581	SS-2
959584	TRIP BLANK

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2005 SEAL OF EXCELLENCE PROGRAM Environmental

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 ≥ 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

Columbia Analytical Services INC.
An Employee - Owned Company

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Ethics Service Quality
ACIL
2005 SEAL OF EXCELLENCE PROGRAM
Environmental

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, Inc.
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www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR #

CAS Contact

Project Name: Mamaroneck Taylors Lane	Project Number: 791158
Project Manager: Tim Pagano	Report CC:
Company/Address: Shaw Environmental, 4 Commerce Drive South, Harriman, NY 10926	
Phone #: 845 492 3100	FAX#: 845 492 3101
Sampler's Signature:	Sampler's Printed Name: Brian Nichols

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOCs 524.2	REMARKS/ ALTERNATE DESCRIPTION
MW-1D SET 2		11-27-06	1041	AQ	1						1			
MW-1S SET 3			1100	AQ	1						1			
MW-2D SET 4			1145	AQ	1						1			
MW-2S SET 1			1206	AQ	4						1		3	
MW-3D SET 5			1233	AQ	1						1			
MW-3S SET 6		11-27-06	1258	AQ	1						1			

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

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 ☐

TURNAROUND REQUIREMENTS

____ RUSH (SURCHARGES APPLY)

____ 24 hr ____ 48 hr ____ 5 day

X STANDARD

REQUESTED FAX DATE

REQUESTED REPORT DATE

REPORT REQUIREMENTS

____ I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

____ V. Speicalized Forms / Custom Report

Edata ____ Yes ____ No

INVOICE INFORMATION

PO#

BILL TO:

SUBMISSION #: R265917

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 3.9°C CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Brian Nichols	Printed Name: Gregory O. Emerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: Shaw	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 11-27-06 1600	Date/Time: 11-28-06 9:50	Date/Time	Date/Time	Date/Time	Date/Time

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 R2-34917

Cooler received on 11-28-06 by: KE **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° 4°

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: 11-28-06 @ 10:11

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: MWP 11/28/06

Cooler Breakdown: Date: 11-28-06 by: KE

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			959269, 959270	NaOH exp 07/07 Lot W2760496	3 pellets	>12
≥12	NaOH		✓				
≤2	HNO_3	✓					
≤2	H_2SO_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: ____________

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/14/06

Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Client Sample ID : TRIP BLANK

Date Sampled : 11/27/06 : **Order #:** 959268 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917 **Analytical Run** 138545

DATE ANALYZED : 12/01/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
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

VOLATILE ORGANICS
METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/14/06

Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Client Sample ID : TRIP BLANK

Date Sampled : 11/27/06 : **Order #:** 959268 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917 **Analytical Run** 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/01/06			
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 %)	95	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	92	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 624 PRIORITY POLLUTANTS
Reported: 12/14/06

Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Client Sample ID : TRIP BLANK

Date Sampled : 11/27/06 : **Order #:** 959271 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917 **Analytical Run** 138174

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/30/06			
ANALYTICAL DILUTION: 1.00			
ACROLEIN	10	10 U	UG/L
ACRYLONITRILE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	10	10 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(77 - 117 %)	102	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	116	%
TOLUENE-D8	(85 - 115 %)	107	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Client Sample ID : MW-1D

Date Sampled : 11/27/06 10:41 **Order #:** 959272 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/08/06	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
COPPER	6010B	0.0200	0.0641	MG/L	12/08/06	1.0
LEAD	6010B	0.00500	0.0132	MG/L	12/08/06	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/12/06	1.0
ZINC	6010B	0.0200	0.352	MG/L	12/08/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Client Sample ID : MW-1S

Date Sampled : 11/27/06 11:00 **Order #:** 959274 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/08/06	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
COPPER	6010B	0.0200	0.0216	MG/L	12/08/06	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/12/06	1.0
ZINC	6010B	0.0200	0.0233	MG/L	12/08/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

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

Date Sampled : 11/27/06 11:45 **Order #:** 959276 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/08/06	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/08/06	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/12/06	1.0
ZINC	6010B	0.0200	0.0200 U	MG/L	12/08/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

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

Date Sampled : 11/27/06 12:06 **Order #:** 959279 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/08/06	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
COPPER	6010B	0.0200	0.0285	MG/L	12/08/06	1.0
LEAD	6010B	0.00500	0.0117	MG/L	12/08/06	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/12/06	1.0
ZINC	6010B	0.0200	0.0847	MG/L	12/08/06	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/14/06

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

Date Sampled : 11/27/06 12:06 **Order #:** 959279 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917 **Analytical Run** 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
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	110	UG/L
METHYL-TERT-BUTYL ETHER	0.50	70 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

VOLATILE ORGANICS
METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/14/06

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

Date Sampled : 11/27/06 12:06 **Order #:** 959279 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917 **Analytical Run** 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
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	4.0	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 %)	107	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/14/06

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

Date Sampled : 11/27/06 12:06 **Order #:** 959279 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917 **Analytical Run** 138545

DATE ANALYZED : 12/04/06
ANALYTICAL DILUTION: 5.00

ANALYTE	PQL	RESULT	UNITS
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	140	UG/L
METHYL-TERT-BUTYL ETHER	0.50	70 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: 12/14/06

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

Date Sampled : 11/27/06 12:06 **Order #:** 959279 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917 **Analytical Run** 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
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	3.9	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 %)	99	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	94	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

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

Date Sampled : 11/27/06 12:33 **Order #:** 959280 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	12/08/06	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/08/06	1.0
LEAD	6010B	0.00500	0.00730	MG/L	12/08/06	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/12/06	1.0
ZINC	6010B	0.0200	0.0655	MG/L	12/08/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

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

Date Sampled : 11/27/06 12:58 **Order #:** 959281 **Sample Matrix:** WATER
Date Received: 11/28/06 **Submission #:** R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0226	MG/L	12/08/06	1.0
CADMIUM	6010B	0.00500	0.0104	MG/L	12/08/06	1.0
COPPER	6010B	0.0200	0.387	MG/L	12/08/06	1.0
LEAD	6010B	0.00500	0.0542	MG/L	12/08/06	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	12/12/06	1.0
ZINC	6010B	0.0200	0.0644	MG/L	12/08/06	1.0

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2634917
Client: Shaw E & I, Inc.
MAMARONECK - TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
ARSENIC	0.0100 U	0.0390	0.0400	98	85 - 115	138372	MG/L
BARIUM	0.0200 U	2.06	2.00	103	85 - 115	138372	MG/L
CADMIUM	0.00500 U	0.0496	0.0500	99	85 - 115	138372	MG/L
CHROMIUM	0.0100 U	0.201	0.200	100	85 - 115	138372	MG/L
COPPER	0.0200 U	0.250	0.250	100	85 - 115	138372	MG/L
LEAD	0.00500 U	0.533	0.500	107	85 - 115	138372	MG/L
NICKEL	0.0400 U	0.523	0.500	105	85 - 115	138372	MG/L
SILVER	0.0100 U	0.0511	0.0500	102	85 - 115	138372	MG/L
ZINC	0.0200 U	0.514	0.500	103	85 - 115	138372	MG/L
SELENIUM	0.0100 U	0.956	1.01	95	85 - 115	138418	MG/L

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2634917
Client: Shaw E & I, Inc.
MAMARONECK - TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
ARSENIC	0.0100 U	0.0420	0.0400	105	80 - 120	138423	MG/L
CADMIUM	0.00500 U	0.0505	0.0500	101	80 - 120	138423	MG/L
CALCIUM	1.00 U	1.98	2.00	99	80 - 120	138423	MG/L
COPPER	0.0200 U	0.267	0.250	107	80 - 120	138423	MG/L
IRON	0.100 U	1.04	1.00	104	80 - 120	138423	MG/L
LEAD	0.00500 U	0.525	0.500	105	80 - 120	138423	MG/L
MAGNESIUM	1.00 U	2.06	2.00	103	80 - 120	138423	MG/L
MANGANESE	0.0100 U	0.515	0.500	103	80 - 120	138423	MG/L
ZINC	0.0200 U	0.529	0.500	106	80 - 120	138423	MG/L
ARSENIC	0.0100 U	0.0420	0.0400	105	85 - 115	138424	MG/L

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2634917
Client: Shaw E & I, Inc.
MAMARONECK - TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
BARIUM	0.0200 U	2.12	2.00	106	85 - 115	138424	MG/L
CADMIUM	0.00500 U	0.0505	0.0500	101	85 - 115	138424	MG/L
CHROMIUM	0.0100 U	0.205	0.200	103	85 - 115	138424	MG/L
COPPER	0.0200 U	0.267	0.250	107	85 - 115	138424	MG/L
LEAD	0.00500 U	0.525	0.500	105	85 - 115	138424	MG/L
NICKEL	0.0400 U	0.528	0.500	106	85 - 115	138424	MG/L
SELENIUM	0.0100 U	0.981	1.01	97	85 - 115	138424	MG/L
SILVER	0.0100 U	0.0524	0.0500	105	85 - 115	138424	MG/L
ZINC	0.0200 U	0.529	0.500	106	85 - 115	138424	MG/L
POTASSIUM	2.00 U	20.0	20.0	100	80 - 120	138548	MG/L

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2634917
Client: Shaw E & I, Inc.
MAMARONECK - TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
SODIUM	1.00 U	20.0	20.0	100	80 - 120	138548	MG/L
MERCURY	0.000300 U	0.00106	0.00100	106	85 - 115	138549	MG/L
HEXAVALENT CHROMIUM	0.0100 U	0.0998	0.100	100	90 - 109	137953	MG/L
BROMIDE	0.100 U	0.918	1.00	92	90 - 110	137964	MG/L
CHLORIDE	0.200 U	1.98	2.00	99	90 - 110	137965	MG/L
SULFATE	0.200 U	1.85	2.00	92	90 - 110	137966	MG/L
NITRATE NITROGEN	0.0500 U	0.970	1.00	97	90 - 110	137970	MG/L
TOTAL ORGANIC CARBON	1.00 U	10.9	10.0	109	85 - 115	137981	MG/L
TOTAL PHENOLICS	0.00500 U	0.0405	0.0400	101	85 - 113	138001	MG/L
TOTAL PHENOLICS	0.00500 U	0.0402	0.0400	101	85 - 113	138003	MG/L

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2634917
Client: Shaw E & I, Inc.
MAMARONECK - TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
BOD-5	2.00 U	182	198	92	85 - 115	138005	MG/L
TOTAL DISSOLVED SOLIDS	10.0 U	893	915	98	80 - 120	138009	MG/L
TOTAL HARDNESS	2.00 U	20.1	20.0	101	93 - 107	138012	MG/L
CHEMICAL OXYGEN DEMAND	5.00 U	347	375	93	75 - 116	138048	MG/L
HEXAVALENT CHROMIUM	0.0100 U	0.101	0.100	101	90 - 109	138104	MG/L
OIL AND GREASE	5.00 U	42.3	41.2	103	78 - 114	138115	MG/L
TOTAL KJELDAHL NITROGEN	0.200 U	2.30	2.50	92	72 - 108	138123	MG/L
TOTAL CYANIDE	0.0100 U	0.431	0.400	108	90 - 110	138189	MG/L
AMMONIA	0.0500 U	0.479	0.500	96	90 - 110	138199	MG/L
OIL AND GREASE	5.00 U	35.9	41.2	87	78 - 114	138228	MG/L

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2634917
Client: Shaw E & I, Inc.
MAMARONECK - TAYLORS LANE

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
TOTAL ALKALINITY	2.00 U	20.7	20.0	104	93 - 111	138292	MG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 624 PRIORITY POLLUTANTS

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 963238 ANALYTICAL RUN # : 138174

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 11/30/06			
ANALYTICAL DILUTION: 1.0			
ACROLEIN	100	66	36 - 124
ACRYLONITRILE	100	97	71 - 111
BENZENE	20.0	90	37 - 151
BROMODICHLOROMETHANE	20.0	112	35 - 155
BROMOFORM	20.0	132	45 - 169
BROMOMETHANE	20.0	93	D - 242
CARBON TETRACHLORIDE	20.0	117	70 - 140
CHLOROBENZENE	20.0	98	37 - 160
CHLOROETHANE	20.0	97	14 - 230
2-CHLOROETHYLVINYL ETHER	20.0	22	D - 305
CHLOROFORM	20.0	89	51 - 138
CHLOROMETHANE	20.0	105	D - 273
DIBROMOCHLOROMETHANE	20.0	120	53 - 149
1,1-DICHLOROETHANE	20.0	93	59 - 155
1,2-DICHLOROETHANE	20.0	99	49 - 155
1,1-DICHLOROETHENE	20.0	87	D - 234
TRANS-1,2-DICHLOROETHENE	20.0	88	54 - 156
CIS-1,2-DICHLOROETHENE	20.0	90	70 - 130
1,2-DICHLOROPROPANE	20.0	95	D - 210
CIS-1,3-DICHLOROPROPENE	20.0	111	D - 227
TRANS-1,3-DICHLOROPROPENE	20.0	105	17 - 183
ETHYLBENZENE	20.0	98	37 - 162
METHYLENE CHLORIDE	20.0	92	D - 221
1,1,2,2-TETRACHLOROETHANE	20.0	107	46 - 157
TETRACHLOROETHENE	20.0	100	64 - 148
TOLUENE	20.0	93	47 - 150
1,1,1-TRICHLOROETHANE	20.0	96	52 - 162
1,1,2-TRICHLOROETHANE	20.0	97	52 - 150
TRICHLOROETHENE	20.0	94	71 - 157
TRICHLOROFLUOROMETHANE	20.0	107	17 - 181
VINYL CHLORIDE	20.0	101	D - 251

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 624 PRIORITY POLLUTANTS
Reported: 12/14/06

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 963235 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 138174

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/30/06			
ANALYTICAL DILUTION: 1.00			
ACROLEIN	10	10 U	UG/L
ACRYLONITRILE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	10	10 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(77 - 117 %)	106	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	116	%
TOLUENE-D8	(85 - 115 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 963156 ANALYTICAL RUN # : 138545

DATE ANALYZED : 12/01/06
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
BENZENE	2.00	97	70 - 130
BROMOBENZENE	2.00	91	70 - 130
BROMOCHLOROMETHANE	2.00	89	70 - 130
BROMODICHLOROMETHANE	2.00	95	70 - 130
BROMOFORM	2.00	85	70 - 130
BROMOMETHANE	2.00	101	70 - 130
TERT-BUTYL ALCOHOL	40.0	143 *	70 - 130
METHYL-TERT-BUTYL ETHER	2.00	99	70 - 130
TERT-BUTYLBENZENE	2.00	96	70 - 130
SEC-BUTYLBENZENE	2.00	98	70 - 130
N-BUTYLBENZENE	2.00	100	70 - 130
CARBON TETRACHLORIDE	2.00	102	70 - 130
CHLOROBENZENE	2.00	89	70 - 130
CHLOROETHANE	2.00	101	70 - 130
CHLOROFORM	2.00	98	70 - 130
CHLOROMETHANE	2.00	104	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	2.00	97	70 - 130
2-CHLOROTOLUENE	2.00	99	70 - 130
4-CHLOROTOLUENE	2.00	99	70 - 130
DIBROMOCHLOROMETHANE	2.00	90	70 - 130
1,2-DIBROMOETHANE	2.00	84	70 - 130
DIBROMOMETHANE	2.00	95	70 - 130
1,2-DICHLOROBENZENE	2.00	94	70 - 130
1,4-DICHLOROBENZENE	2.00	92	70 - 130
1,3-DICHLOROBENZENE	2.00	92	70 - 130
DICHLORODIFLUOROMETHANE	2.00	110	70 - 130
1,1-DICHLOROETHANE	2.00	102	70 - 130
1,2-DICHLOROETHANE	2.00	103	70 - 130
1,1-DICHLOROETHENE	2.00	99	70 - 130
TRANS-1,2-DICHLOROETHENE	2.00	98	70 - 130
CIS-1,2-DICHLOROETHENE	2.00	89	70 - 130
2,2-DICHLOROPROPANE	2.00	116	70 - 130
1,2-DICHLOROPROPANE	2.00	97	70 - 130
1,3-DICHLOROPROPANE	2.00	92	70 - 130
1,1-DICHLOROPROPENE	2.00	98	70 - 130
TRANS-1,3-DICHLOROPROPENE	2.00	103	70 - 130
CIS-1,3-DICHLOROPROPENE	2.00	93	70 - 130
ETHYLBENZENE	2.00	95	70 - 130
HEXACHLOROBUTADIENE	2.00	100	70 - 130
ISOPROPYLBENZENE	2.00	96	70 - 130
P-ISOPROPYLTOLUENE	2.00	96	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 963156 ANALYTICAL RUN # : 138545

DATE ANALYZED : 12/01/06
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
METHYLENE CHLORIDE	2.00	103	70 - 130
NAPHTHALENE	2.00	91	70 - 130
N-PROPYLBENZENE	2.00	100	70 - 130
STYRENE	2.00	86	70 - 130
1,1,1,2-TETRACHLOROETHANE	2.00	95	70 - 130
1,1,2,2-TETRACHLOROETHANE	2.00	94	70 - 130
TETRACHLOROETHENE	2.00	92	70 - 130
TOLUENE	2.00	93	70 - 130
1,2,4-TRICHLOROBENZENE	2.00	93	70 - 130
1,2,3-TRICHLOROBENZENE	2.00	96	70 - 130
1,1,1-TRICHLOROETHANE	2.00	103	70 - 130
1,1,2-TRICHLOROETHANE	2.00	96	70 - 130
TRICHLOROETHENE	2.00	95	70 - 130
TRICHLOROFLUOROMETHANE	2.00	101	70 - 130
1,2,3-TRICHLOROPROPANE	2.00	91	70 - 130
1,3,5-TRIMETHYLBENZENE	2.00	99	70 - 130
1,2,4-TRIMETHYLBENZENE	2.00	99	70 - 130
VINYL CHLORIDE	2.00	100	70 - 130
M+P-XYLENE	4.00	97	70 - 130
O-XYLENE	2.00	91	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 963159 ANALYTICAL RUN # : 138545

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/04/06			
ANALYTICAL DILUTION: 1.0			
BENZENE	2.00	97	70 - 130
BROMOBENZENE	2.00	93	70 - 130
BROMOCHLOROMETHANE	2.00	93	70 - 130
BROMODICHLOROMETHANE	2.00	97	70 - 130
BROMOFORM	2.00	90	70 - 130
BROMOMETHANE	2.00	92	70 - 130
TERT-BUTYL ALCOHOL	40.0	91	70 - 130
METHYL-TERT-BUTYL ETHER	2.00	94	70 - 130
TERT-BUTYLBENZENE	2.00	96	70 - 130
SEC-BUTYLBENZENE	2.00	98	70 - 130
N-BUTYLBENZENE	2.00	97	70 - 130
CARBON TETRACHLORIDE	2.00	98	70 - 130
CHLOROBENZENE	2.00	97	70 - 130
CHLOROETHANE	2.00	97	70 - 130
CHLOROFORM	2.00	95	70 - 130
CHLOROMETHANE	2.00	95	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	2.00	93	70 - 130
2-CHLOROTOLUENE	2.00	97	70 - 130
4-CHLOROTOLUENE	2.00	98	70 - 130
DIBROMOCHLOROMETHANE	2.00	101	70 - 130
1,2-DIBROMOETHANE	2.00	98	70 - 130
DIBROMOMETHANE	2.00	101	70 - 130
1,2-DICHLOROBENZENE	2.00	96	70 - 130
1,4-DICHLOROBENZENE	2.00	96	70 - 130
1,3-DICHLOROBENZENE	2.00	93	70 - 130
DICHLORODIFLUOROMETHANE	2.00	91	70 - 130
1,1-DICHLOROETHANE	2.00	98	70 - 130
1,2-DICHLOROETHANE	2.00	100	70 - 130
1,1-DICHLOROETHENE	2.00	96	70 - 130
TRANS-1,2-DICHLOROETHENE	2.00	100	70 - 130
CIS-1,2-DICHLOROETHENE	2.00	98	70 - 130
2,2-DICHLOROPROPANE	2.00	96	70 - 130
1,2-DICHLOROPROPANE	2.00	96	70 - 130
1,3-DICHLOROPROPANE	2.00	95	70 - 130
1,1-DICHLOROPROPENE	2.00	94	70 - 130
TRANS-1,3-DICHLOROPROPENE	2.00	93	70 - 130
CIS-1,3-DICHLOROPROPENE	2.00	96	70 - 130
ETHYLBENZENE	2.00	98	70 - 130
HEXACHLOROBUTADIENE	2.00	97	70 - 130
ISOPROPYLBENZENE	2.00	98	70 - 130
P-ISOPROPYLTOLUENE	2.00	97	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 963159 ANALYTICAL RUN # : 138545

DATE ANALYZED : 12/04/06
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
METHYLENE CHLORIDE	2.00	94	70 - 130
NAPHTHALENE	2.00	93	70 - 130
N-PROPYLBENZENE	2.00	99	70 - 130
STYRENE	2.00	96	70 - 130
1,1,1,2-TETRACHLOROETHANE	2.00	98	70 - 130
1,1,2,2-TETRACHLOROETHANE	2.00	97	70 - 130
TETRACHLOROETHENE	2.00	100	70 - 130
TOLUENE	2.00	98	70 - 130
1,2,4-TRICHLOROBENZENE	2.00	96	70 - 130
1,2,3-TRICHLOROBENZENE	2.00	95	70 - 130
1,1,1-TRICHLOROETHANE	2.00	99	70 - 130
1,1,2-TRICHLOROETHANE	2.00	96	70 - 130
TRICHLOROETHENE	2.00	98	70 - 130
TRICHLOROFLUOROMETHANE	2.00	98	70 - 130
1,2,3-TRICHLOROPROPANE	2.00	88	70 - 130
1,3,5-TRIMETHYLBENZENE	2.00	97	70 - 130
1,2,4-TRIMETHYLBENZENE	2.00	98	70 - 130
VINYL CHLORIDE	2.00	97	70 - 130
M+P-XYLENE	4.00	97	70 - 130
O-XYLENE	2.00	99	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/14/06

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 963155 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 138545

DATE ANALYZED : 12/01/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
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: 12/14/06

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 963155 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/01/06			
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 %)	93	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	90	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 524.2 DRINKING WATER VOLATIL
Reported: 12/14/06

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 963158 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 138545

DATE ANALYZED : 12/04/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
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: 12/14/06

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 963158 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
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 %)	92	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	93	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 960196

Dup Spiked Order No. : 960197

Client ID:

Test: 625 PPL SEMIVOLATILES

Analytical Units: UG/L

Run Number : 138068

			BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS
ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	100	0	86.0	86	90.0	90	5	31	47 - 145
ACENAPHTHYLENE	100	0	92.0	92	94.0	94	2	30	33 - 145
ANTHRACENE	100	0	96.0	96	98.0	98	2	30	27 - 133
BENZIDINE	100	0	36.0	36	24.0	24	40	30	10 - 113
BENZO(A)ANTHRACENE	100	0	97.0	97	100	100	3	30	33 - 143
BENZO(A)PYRENE	100	0	99.0	99	100	100	1	30	17 - 163
BENZO(B)FLUORANTHENE	100	0	98.0	98	100	100	2	30	24 - 159
BENZO(G,H,I)PERYLENE	100	0	98.0	98	100	100	2	30	D - 219
BENZO(K)FLUORANTHENE	100	0	100	100	100	100	0	30	11 - 162
BUTYL BENZYL PHTHALATE	100	0	100	100	110	110	10	30	D - 152
DI-N-BUTYLPHTHALATE	100	0	100	100	110	110	10	30	1 - 118
INDENO(1,2,3-CD)PYRENE	100	0	97.0	97	100	100	3	30	D - 171
BIS(-2-CHLOROETHOXY)ME	100	0	100	100	100	100	0	30	33 - 184
BIS(2-CHLOROETHYL)ETHE	100	0	89.0	89	91.0	91	2	30	12 - 158
2-CHLORONAPHTHALENE	100	0	77.0	77	79.0	79	3	30	60 - 118
2-CHLOROPHENOL	100	0	88.0	88	89.0	89	1	40	23 - 134
2,2'-OXYBIS(1-CHLOROPR	100	0	100	100	100	100	0	30	36 - 166
CHRYSENE	100	0	97.0	97	100	100	3	30	17 - 168
DIBENZO(A,H)ANTHRACENE	100	0	100	100	110	110	10	30	D - 227
1,3-DICHLOROBENZENE	100	0	61.0	61	62.0	62	2	30	D - 172
1,2-DICHLOROBENZENE	100	0	63.0	63	63.0	63	0	30	32 - 129
1,4-DICHLOROBENZENE	100	0	62.0	62	62.0	62	0	28	20 - 124
3,3'-DICHLOROBENZIDINE	100	0	89.0	89	96.0	96	8	30	D - 262
2,4-DICHLOROPHENOL	100	0	92.0	92	95.0	95	3	30	39 - 135
DIETHYLPHTHALATE	100	0	100	100	100	100	0	30	D - 114
DIMETHYL PHTHALATE	100	0	97.0	97	100	100	3	30	D - 112
2,4-DIMETHYLPHENOL	100	0	77.0	77	77.0	77	0	30	39 - 135
2,4-DINITROPHENOL	100	0	94.0	94	98.0	98	4	30	D - 191
2,4-DINITROTOLUENE	100	0	100	100	110	110	10	38	39 - 139
2,6-DINITROTOLUENE	100	0	97.0	97	100	100	3	30	50 - 158
1,2-DIPHENYLHYDRAZINE	100	0	93.0	93	97.0	97	4	30	59 - 113
BIS(2-ETHYLHEXYL)PHTHA	100	0	100	100	110	110	10	30	8 - 158

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 960196

Dup Spiked Order No. : 960197

Client ID:

Test: 625 PPL SEMIVOLATILES

Analytical Units: UG/L

Run Number : 138068

			BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS
ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
FLUORANTHENE	100	0	98.0	98	100	100	2	30	26 - 137
FLUORENE	100	0	94.0	94	96.0	96	2	30	59 - 121
HEXACHLOROBENZENE	100	0	94.0	94	99.0	99	5	30	D - 152
HEXACHLOROBUTADIENE	100	0	58.0	58	60.0	60	3	30	24 - 116
HEXACHLOROCYCLOPENTADI	100	0	51.0	51	54.0	54	6	30	10 - 130
HEXACHLOROETHANE	100	0	59.0	59	60.0	60	2	30	40 - 113
ISOPHORONE	100	0	93.0	93	95.0	95	2	30	21 - 196
4,6-DINITRO-2-METHYLPH	100	0	91.0	91	96.0	96	5	30	D - 181
4-CHLORO-3-METHYLPHENO	100	0	98.0	98	100	100	2	42	22 - 147
NAPHTHALENE	100	0	71.0	71	73.0	73	3	30	21 - 133
NITROBENZENE	100	0	88.0	88	90.0	90	2	30	35 - 180
2-NITROPHENOL	100	0	97.0	97	100	100	3	30	29 - 182
4-NITROPHENOL	100	0	41.0	41	42.0	42	2	50	D - 132
N-NITROSODIMETHYLAMINE	100	0	57.0	57	57.0	57	0	30	27 - 130
N-NITROSODIPHENYLAMINE	100	0	93.0	93	98.0	98	5	30	70 - 130
DI-N-OCTYL PHTHALATE	100	0	100	100	100	100	0	30	4 - 146
PENTACHLOROPHENOL	100	0	95.0	95	100	100	5	50	14 - 176
PHENANTHRENE	100	0	98.0	98	100	100	2	30	54 - 120
PHENOL	100	0	39.0	39	40.0	40	3	42	5 - 112
4-BROMOPHENYL-PHENYLET	100	0	94.0	94	99.0	99	5	30	53 - 127
4-CHLOROPHENYL-PHENYLE	100	0	90.0	90	94.0	94	4	30	25 - 158
N-NITROSO-DI-N-PROPYLA	100	0	92.0	92	95.0	95	3	38	D - 230
PYRENE	100	0	99.0	99	100	100	1	31	52 - 115
1,2,4-TRICHLOROBENZENE	100	0	62.0	62	65.0	65	5	28	44 - 142
2,4,6-TRICHLOROPHENOL	100	0	94.0	94	98.0	98	4	30	37 - 144

Attachment B

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

sample ID: MW-1D
sample date/time: 11/27/2006 1041
(lab) sample number: Set #2
field personnel: Brian Nichols
project: Mamaroneck
project number: 124348-01000000
observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Cloudy, Cool, 54°

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2"
- [ ] PVC
- [X] steel
- [ ] other

static water level: 1.26 from [X] well casing from [ ] protective casing
bottom depth: 64.51 from [X] well casing from [ ] protective casing
static water level indicator type:
- [ ] steel tape
- [X] electronic
- [ ] other

linear conversion: 0.16
water volume in well: 10.12 gallons
well condition: Poor

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ?
- [ ] yes
- [X] no

pumping rate: 3.444444
elapsed time: 9
bail volume:
number of bails:
volume purged: 31 gallons
well volumes: 3.06
time purge complete: 1039
well evacuated ?
- [ ] yes
- [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ?
- [X] yes
- [ ] no

metals field filtered ?
- [ ] yes
- [X] no

depth of sample: ~3'
sample containers:

PHYSICAL AND CHEMICAL DATA

odor ?
- [ ] no
- [X] yes — Sulfer odors

sediment ?
- [X] no
- [ ] yes

color ?
- [X] no
- [ ] yes

- [ ] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [X] other — Sl. Turbid with black particles

pH (SU): 7.66
temp (C): 13.7
cond (µS): 30.1
ORP (mv): -40.7
turbidity (NTUs): 31.27
PID (ppm):

comments/remarks: BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE
WELL RIMS ARE BROKEN AND MISSING SCREWS

FIELD SAMPLING DATA SHEET

sample ID: MW-1S
sample date/time: 11/27/2006 1100
(lab) sample number: Set #3
field personnel: Brian Nichols
project: Mamaroneck
project number: 124348-01000000
observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Cloudy, Cool, 54°

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2"
- [ ] PVC
- [X] steel
- [ ] other

static water level: 1.58 from [X] well casing from [ ] protective casing
bottom depth: 17.52 from [X] well casing from [ ] protective casing
static water level indicator type:
- [ ] steel tape
- [X] electronic
- [ ] other

linear conversion: 0.16
water volume in well: 2.55 gallons
well condition: Poor

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ?
- [ ] yes
- [X] no

pumping rate: 1.428571
elapsed time: 7
bail volume:
number of bails:
volume purged: 10 gallons
well volumes: 3.92
time purge complete: 1057
well evacuated ?
- [ ] yes
- [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ?
- [X] yes
- [ ] no

metals field filtered ?
- [ ] yes
- [X] no

depth of sample: ~ 6'
sample containers:

PHYSICAL AND CHEMICAL DATA

odor ?
- [X] no
- [ ] yes

sediment ?
- [X] no
- [ ] yes

color ?
- [ ] no
- [X] yes: Orange tint, Orange particles

- [ ] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [X] other: Sl. Turbid

pH (SU): 6.94
temp (C): 14.1
cond (µS): 24.9
ORP (mv): 20.2
turbidity (NTUs): 43.14
PID (ppm):

comments/remarks: BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE
WELL RIMS ARE BROKEN AND MISSING SCREWS

FIELD SAMPLING DATA SHEET

sample ID: MW-2D
sample date/time: 11/27/2006 1145
(lab) sample number: Set #4
field personnel: Brian Nichols
project: Mamaroneck
project number: 124348-01000000
observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Cloudy, Cool, 54°

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" — [ ] PVC [X] steel [ ] other
static water level: 0.47 — from [X] well casing from [ ] protective casing
bottom depth: 64.09 — from [X] well casing from [ ] protective casing
static water level indicator type: [ ] steel tape [X] electronic [ ] other
linear conversion: 0.16
water volume in well: 10.18 gallons
well condition: Poor

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ? [ ] yes [X] no

pumping rate: 1.9375
elapsed time: 16
bail volume:
number of bails:
volume purged: 31 gallons
well volumes: 3.05
time purge complete: 1141
well evacuated ? [ ] yes [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no

depth of sample: ~ 4 '
sample containers:

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [X] no [ ] yes
color ? [X] no [ ] yes

- [X] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [ ] other

pH (SU): 7.63
temp (C): 13.1
cond (µS): 37.8
ORP (mv): -37.6
turbidity (NTUs): 3.74
PID (ppm):

comments/remarks: BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE
WELL RIMS ARE BROKEN AND MISSING SCREWS

FIELD SAMPLING DATA SHEET

sample ID: MW-2S | sample date/time: 11/27/2006 1206
(lab) sample number: Set #1 | field personnel: Brian Nichols
project: Mamaroneck
project number: 124348-01000000 | observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Cloudy, Cool, 54°

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" — [ ] PVC [X] steel [ ] other
static water level: 1.76 — from [X] well casing from [ ] protective casing
bottom depth: 15.62 — from [X] well casing from [ ] protective casing
static water level indicator type: [ ] steel tape [X] electronic [ ] other
linear conversion: 0.16 | water volume in well: 2.22 gallons
well condition: Damaged

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ? [ ] yes [X] no

pumping rate: 0.777778 | elapsed time: 9
bail volume: | number of bails:
volume purged: 7 gallons | well volumes: 3.16
time purge complete: 1203 | well evacuated ? [ ] yes [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no

depth of sample: ~4'
sample containers:

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [X] no [ ] yes
color ? [X] no [ ] yes

- [X] clear
- [ ] turbid
- [ ] sheen
- [ ] immiscible product
- [X] other: Large black particles

pH (SU): 7.1 | temp (C): 13.7 | cond (µS): 32.6
ORP (mv): -8 | turbidity (NTUs): 11.02 | PID (ppm):

comments/remarks: BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE
WELL COVER MISSING WELL RIMS ARE BROKEN AND MISSING SCREWS

FIELD SAMPLING DATA SHEET

sample ID: MW-3D
sample date/time: 11/27/2006 1233
(lab) sample number: Set # 5
field personnel: Brian Nichols
project: Mamaroneck
project number: 124348-01000000
observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Cloudy, Cool, 54°

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2"
- [ ] PVC
- [X] steel
- [ ] other

static water level: 1.20
- from [X] well casing
- from [ ] protective casing

bottom depth: 31.48
- from [X] well casing
- from [ ] protective casing

static water level indicator type:
- [ ] steel tape
- [X] electronic
- [ ] other

linear conversion: 0.16
water volume in well: 4.84 gallons
well condition: Damaged

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other

dedicated purge equipment ?
- [ ] yes
- [X] no

pumping rate: 1.153846
elapsed time: 13
bail volume:
number of bails:
volume purged: 15 gallons
well volumes: 3.10
time purge complete: 1231
well evacuated ?
- [ ] yes
- [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ?
- [X] yes
- [ ] no

metals field filtered ?
- [ ] yes
- [X] no

depth of sample: ~ 5 '
sample containers:

PHYSICAL AND CHEMICAL DATA

odor ?
- [X] no
- [ ] yes

sediment ?
- [X] no
- [ ] yes

color ?
- [ ] no
- [X] yes: Orange
- [ ] clear
- [X] turbid
- [ ] sheen
- [ ] immiscible product
- [ ] other

pH (SU): 7.2
temp (C): 12.8
cond (µS): 46.2
ORP (mv): -13.2
turbidity (NTUs): 102
PID (ppm):

comments/remarks: BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE
WELL COVER MISSING WELL RIMS ARE BROKEN AND MISSING SCREWS

FIELD SAMPLING DATA SHEET

sample ID: MW-3S | sample date/time: 11/27/2006 1258
(lab) sample number: Set #6 | field personnel: Brian Nichols
project: Mamaroneck
project number: 124348-01000000 | observer:
weather conditions(estimate wind,cloud,precip,humidity,temp): Cloudy, Cool, 54°

SAMPLE TYPE

- [ ] composite
- [X] grab
- [X] groundwater
- [ ] surface water
- [ ] soil
- [ ] sediment
- [ ] leachate
- [ ] industrial
- [ ] storm sewer
- [ ] gas
- [ ] other

MONITORING WELL DATA

casing diameter: 2" — [ ] PVC [X] steel [ ] other
static water level: 1.96 — from [X] well casing from [ ] protective casing
bottom depth: 18.04 — from [X] well casing from [ ] protective casing
static water level indicator type: [ ] steel tape [X] electronic [ ] other
linear conversion: 0.16 | water volume in well: 2.57 gallons
well condition: Poor

MONITORING WELL PURGE DATA

- [X] submersible pump
- [ ] PVC bailer
- [ ] suction pump
- [ ] teflon bailer
- [ ] poly bailer
- [ ] poly cup
- [ ] other
- dedicated purge equipment ? [ ] yes [X] no

pumping rate: 0.631579 | elapsed time: 19
bail volume: | number of bails:
volume purged: 12 gallons | well volumes: 4.66
time purge complete: 1248 | well evacuated ? [ ] yes [X] no

SAMPLING DATA

- [ ] pump
- [ ] PVC bailer
- [X] poly bailer
- [ ] teflon bailer
- [ ] stainless bucket
- [ ] poly cup
- [ ] tedlar bag
- [ ] direct
- [ ] hand corer
- [ ] hand auger
- [ ] stainless spoon
- [ ] split spoon
- [ ] other

dedicated sampling equipment ? [X] yes [ ] no
metals field filtered ? [ ] yes [X] no

depth of sample: ~ 5 '
sample containers:

PHYSICAL AND CHEMICAL DATA

odor ? [X] no [ ] yes
sediment ? [X] no [ ] yes
color ? [ ] no [X] yes — Dark Orange

- [ ] clear
- [X] turbid
- [ ] sheen
- [ ] immiscible product
- [ ] other

pH (SU): 6.85 | temp (C): 13.5 | cond (µS): 34.6
ORP (mv): 7 | turbidity (NTUs): >1,000 | PID (ppm):

comments/remarks: BOTTOM WATER LEVELS INCLUDE 2" STANDPIPE
WELL COVER MISSING WELL RIMS ARE BROKEN AND MISSING SCREWS

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	5/22/1997	3.7 B	4.9 B	4.4 B	7.9 B	7.1 B	7.2 B
GW Standard 25.0 ug/L	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

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
Cadmium	5/22/1997	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
GW Standard 5.0 ug/L	11/14/1997	3.3 B	0.6 U	1.2 B	0.85 B	2.8 B	1.9 B
	5/19/1998	0.81 B	0.2 B	0.67 B	0.36 B	1.3 B	2.6 B
	11/5/1998	1.1 B	0.75 U	0.87 B	1.2 B	4.2 B	0.75 U
	5/25/1999	1.4 B	0.57 U	0.57 U	0.57 U	0.57 U	4.9 B
	11/18/1999	2.8	0.34 U	2.1	0.34 U	4.8	1.6
	6/28/2000	1.1 B	0.22 U	1.4 B	0.22 U	1.1 B	0.22 U
	11/15/2000	5 U	5 U	5 U	5 U	5 U	5.1
	6/20/2001	3.21	2.33	4	0.85 U	4.54	0.85 U
	11/29/2001	5 U	5 U	5 U	5 U	5 U	5 U
	6/26/2002	5 U	5 U	5 U	5 U	5 U	5 U
	11/19/2002	5 U	5 U	5 U	5 U	5 U	5 U
	6/24/2003	5 U	5 U	5 U	5 U	5 U	5 U
	11/17/2003	5 U	5 U	5 U	5 U	5 U	5 U
	6/21/2004	5 U	5 U	5 U	5 U	5 U	5 U
	11/22/2004	5 U	5 U	5 U	5 U	5 U	5 U
	6/22/2005	5 U	5 U	5 U	5 U	5 U	5 U
	11/22/2005	5 U	5 U	5 U	5 U	5 U	5 U
	7/5/2006	5 U	5 U	5 U	5 U	5 U	5 U
	11/27/2006	5 U	5 U	5 U	5 U	**10.4**	5 U

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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	5/22/1997	5.7 B	3.6 B	19.9 B	1.7 U	18.8 B	14.5 B
GW Standard 200 ug/L	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	20 U
	11/19/2002	20 U	40	47	20 U	20 U	20 U
	6/24/2003	20 U	20 U	20 U	20 U	20 U	20 U
	11/17/2003	20 U	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	20 U
	11/22/2005	20 U	31.2	20 U	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

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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	5/22/1997	1.1 U	1.1 U	4.4	1.1 U	12.7	21.2
GW Standard 25 ug/L	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

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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	
Mercury	5/22/1997	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
GW Standard 0.7 ug/L	11/14/1997	0.1	U	0.1	U	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	0.1	U	0.1	U
	11/5/1998	0.1	U	0.1	U	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	0.05	U	0.05	U
	11/18/1999	0.04	U	0.04	U	0.09		0.04	U	0.27		0.04	U
	6/28/2000	0.05	B	0.01	U	0.02	B	0.01	U	0.34		0.04	B
	11/15/2000	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
	6/20/2001	0.03	U	0.03	U	0.03	U	0.03	U	0.28		0.03	U
	11/29/2001	0.3	U	0.3	U	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	0.3	U	0.3	U
	11/19/2002	0.3	U	0.3	U	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	0.3	U	0.3	U
	11/17/2003	0.3	U	0.3	U	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	0.3	U	0.3	U
	11/22/2004	0.3	U	0.3	U	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	0.3	U	0.3	U
	11/22/2005	0.3	U	0.3	U	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	0.3	U	0.3	U
	11/27/2006	0.3	U	0.3	U	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	5/22/1997	20	17.2 B	31.3	12.6 B	83.7	**931**
GW Standard 300 ug/L	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

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)

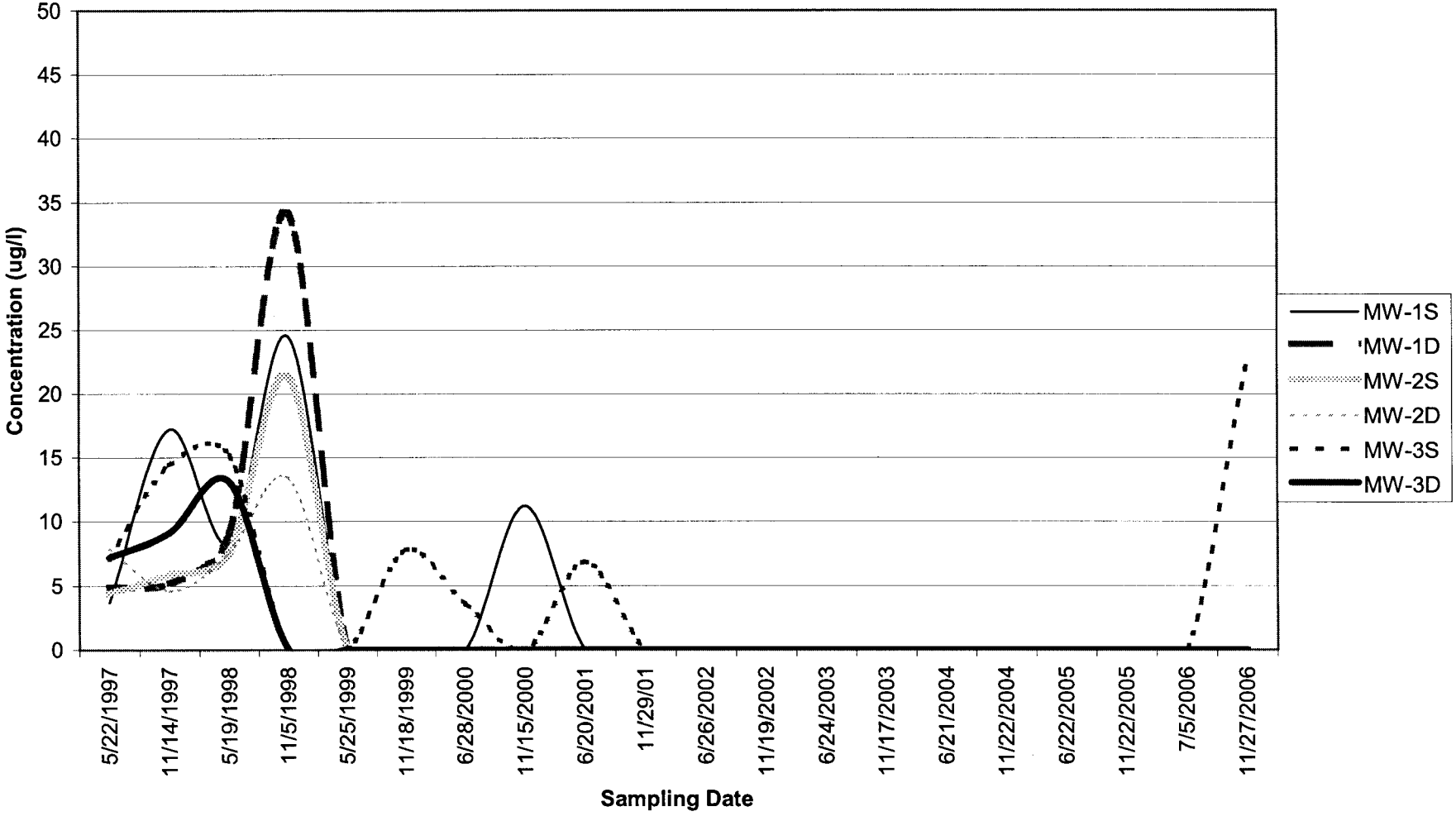
Sampling Date	Analytical Parameters							
	Vinyl Chloride		1, 2-Dichloroethene		MTBE		Tert-Butyl-Alcohol	
Standard	2.0		5.0		10.0		20.0	
5/22/1997	4	J	2	J	-		-	
11/14/1997	21		3	J	-		-	
5/19/1998	17		3	J	-		-	
11/5/1998	14		3	J	-		-	
5/25/1999	13		2	J	-		-	
11/18/1999	6	J	10	U	-		-	
6/28/2000	7.8		1.6		-		-	
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	

U - Compound not detected
J - Estimated value, less than detection limit
E - Concentrations exceed the calibration range
D - Spike was diluted out

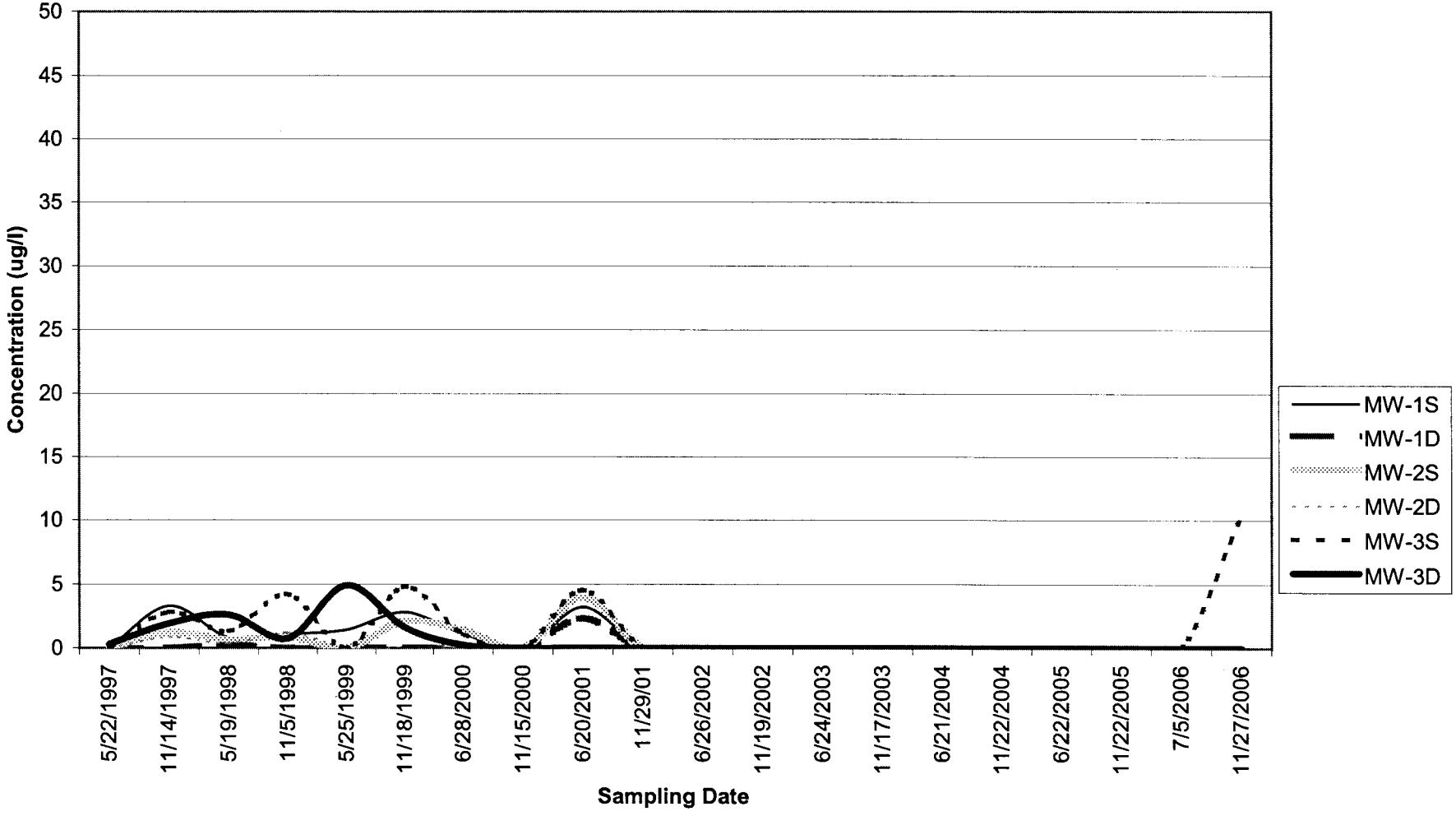
Attachment D

Historical Groundwater Monitoring Graphs

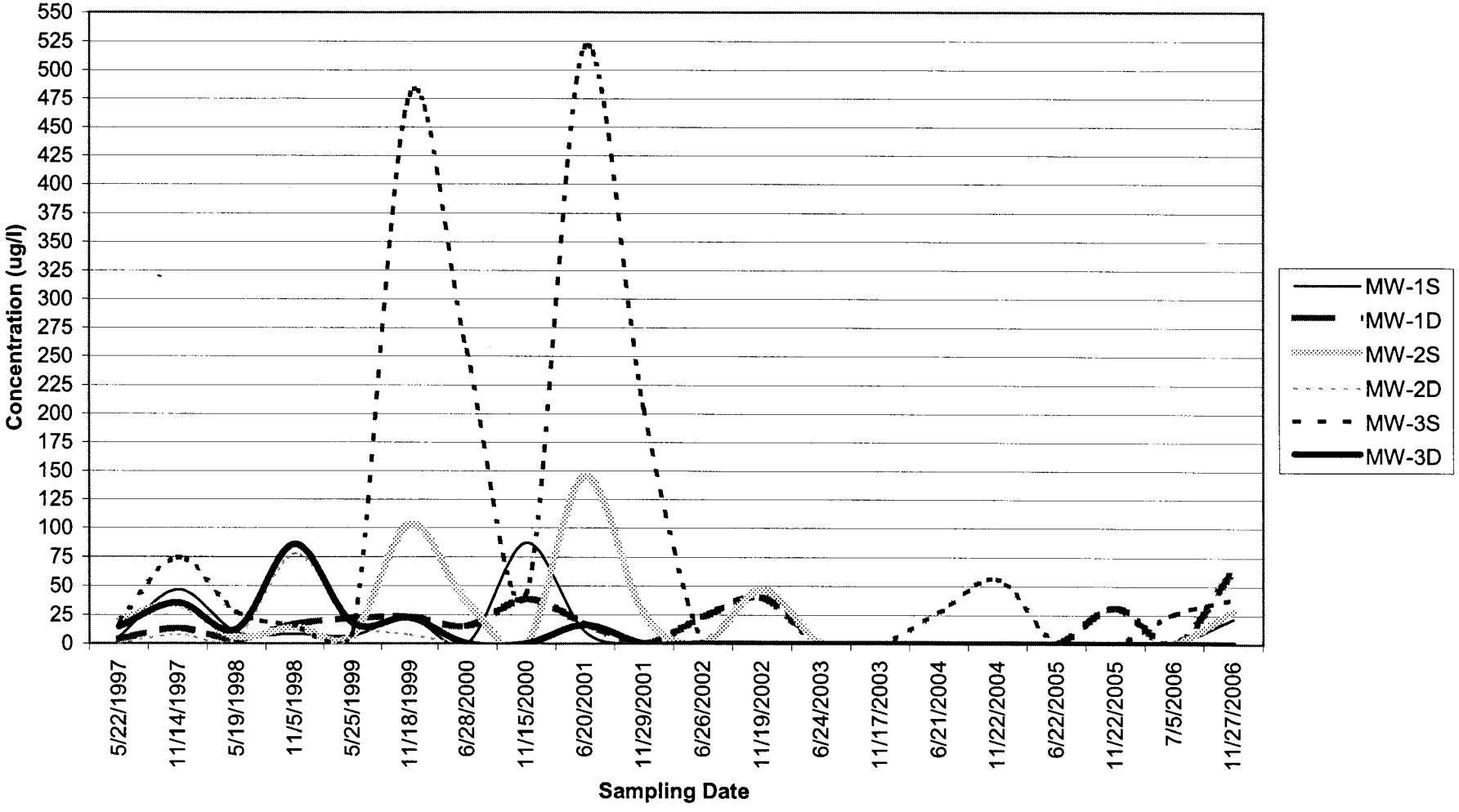
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Arsenic (ug/L)



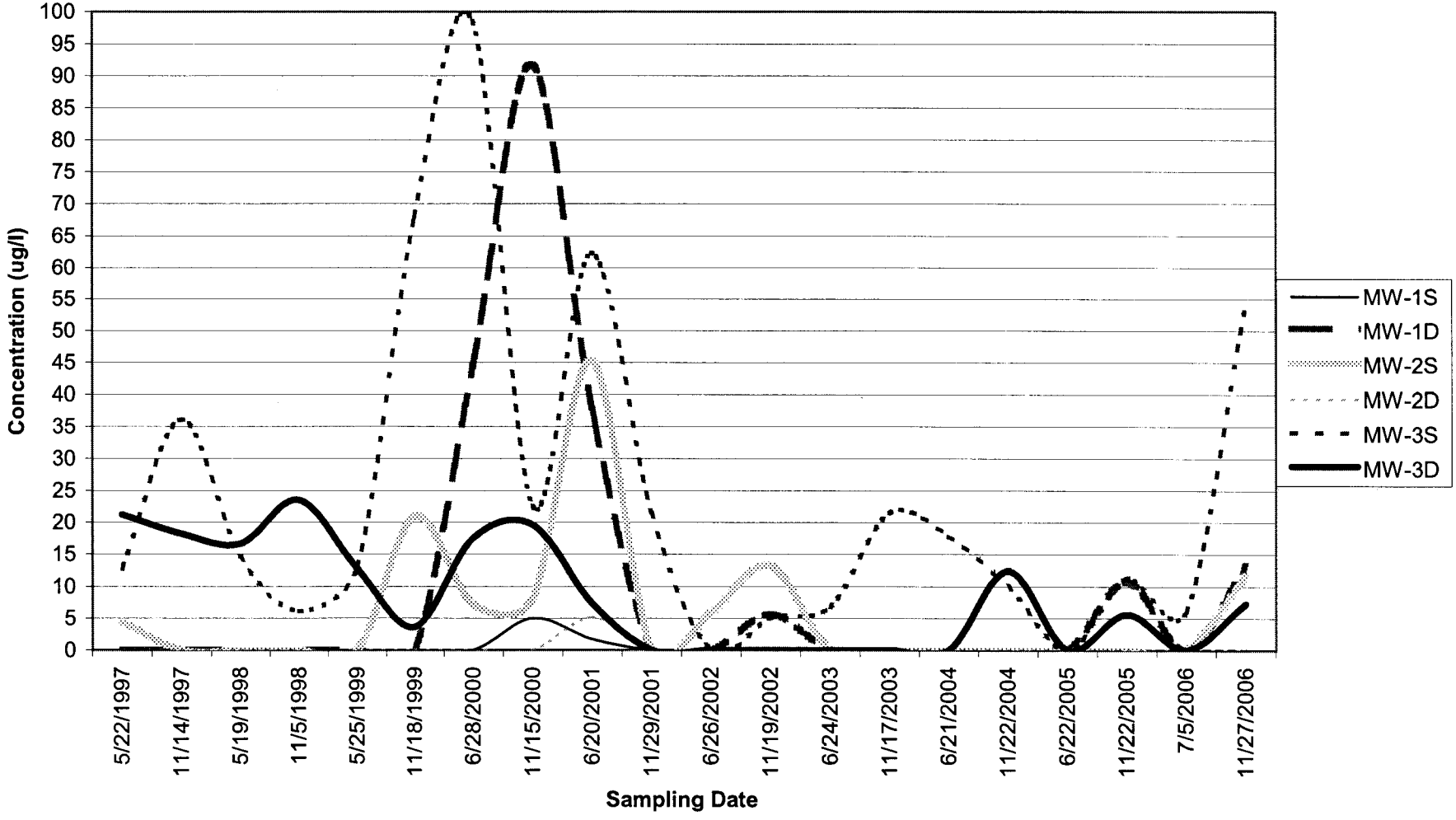
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Cadmium (ug/L)



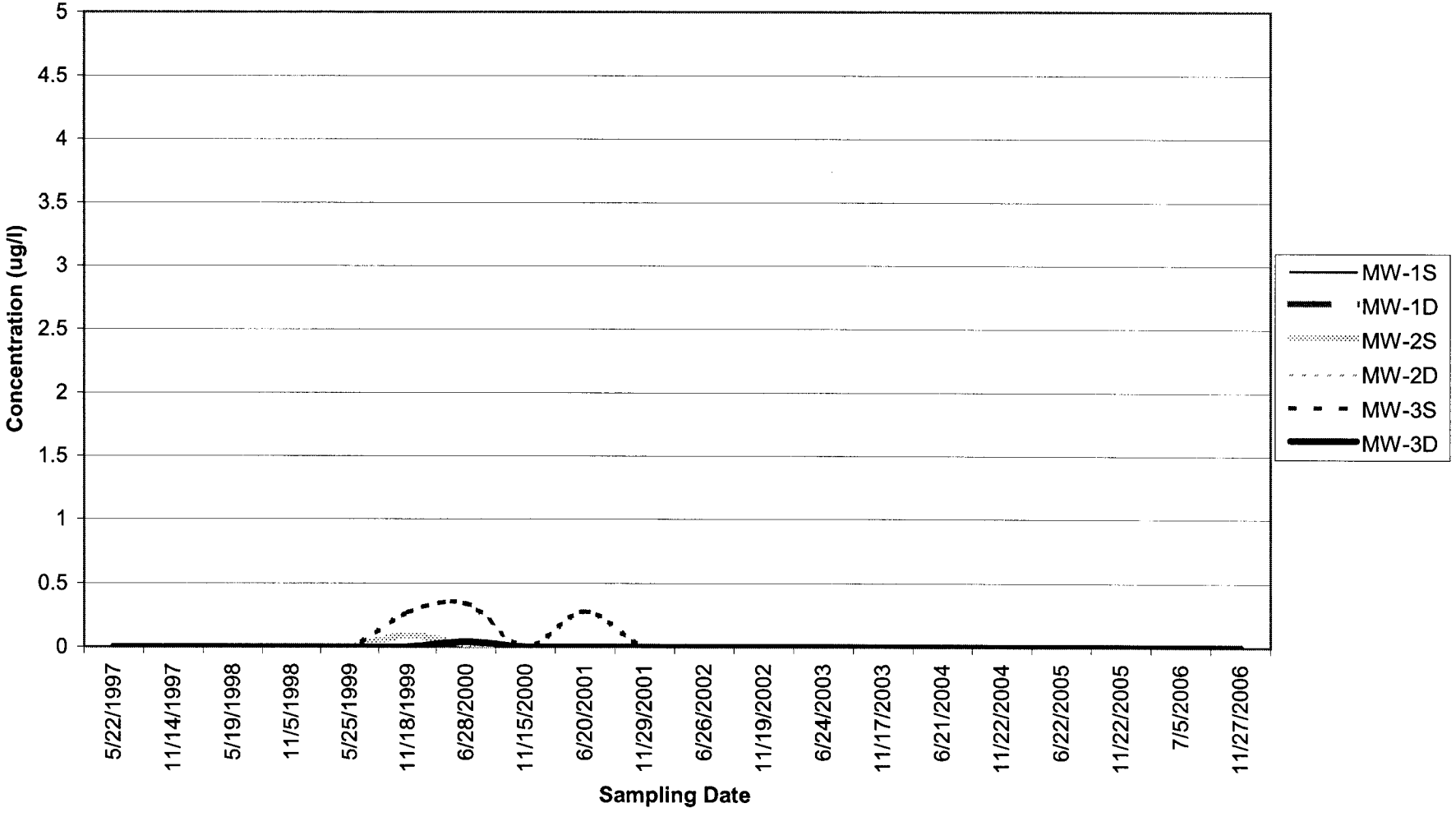
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Copper (ug/L)



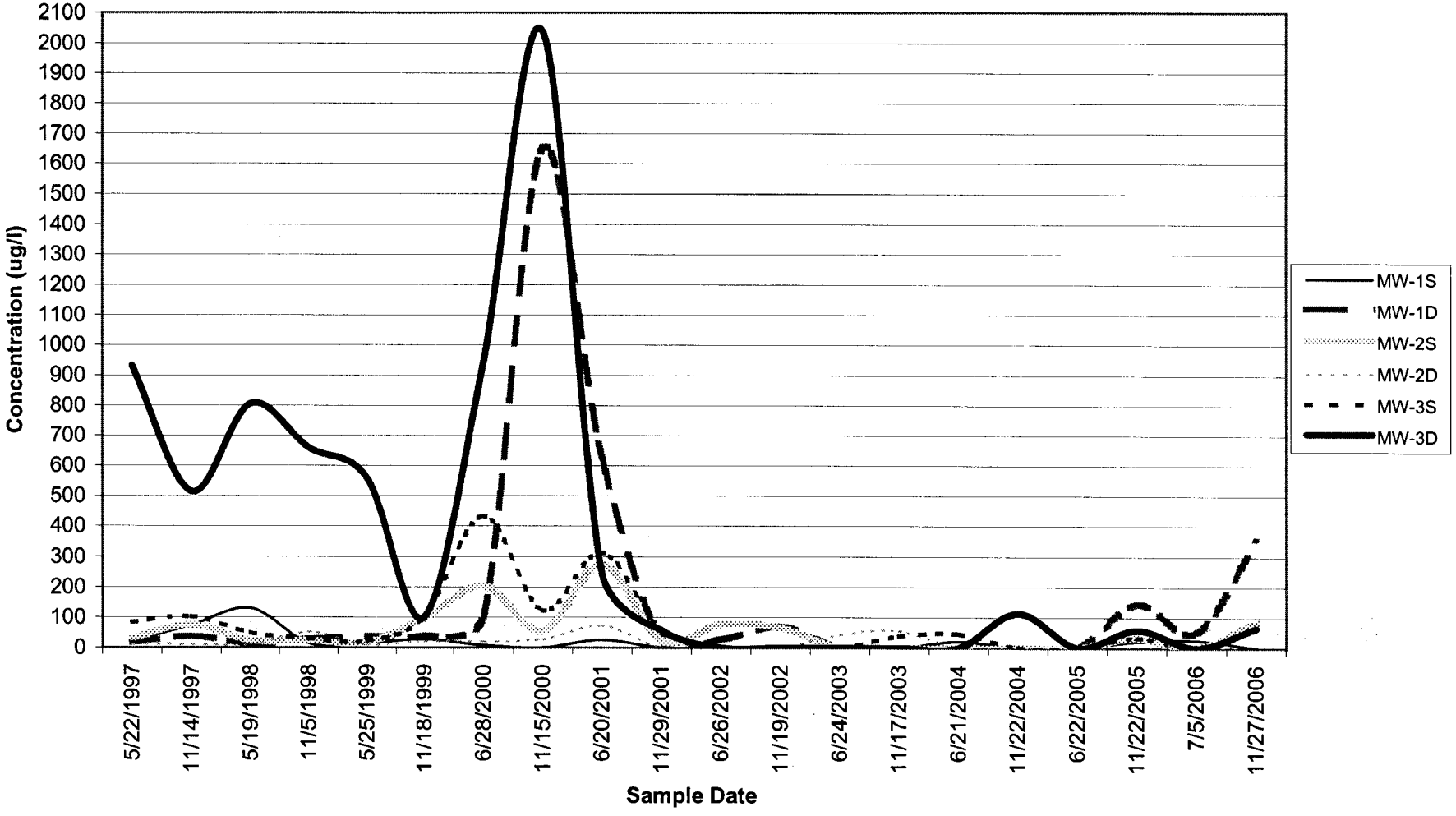
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Lead (ug/L)



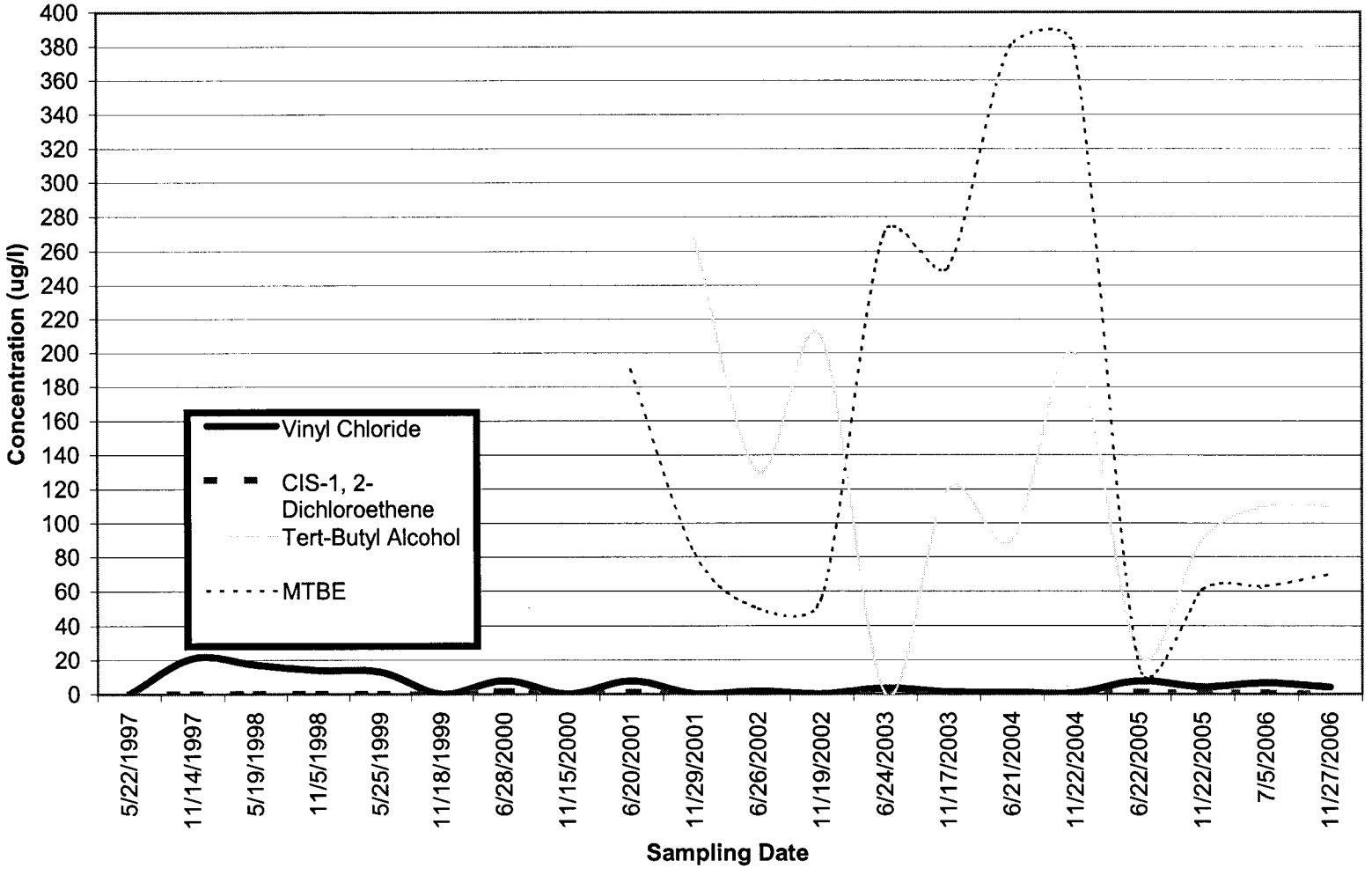
Village of Mamaroneck, Taylor Lane
Historical Groundwater Monitoring Graph
Mercury (ug/L)



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

Village of Mamaroneck
Taylor Lane Compost Site
Summary of Field Parameters

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-1S	5/22/1997	15.1	6.82	0.8	720
	11/14/1997	12.8	6.64	102.5	904
	5/19/1998	17.1	5.63	73.4	700
	11/5/1998	16.5	6.08	48.6	800
	5/25/1999	14.9	6.22	33.3	800
	11/18/1999	14.4	6.12	50.5	720
	6/28/2000	18.1	6.53	11.0	700
	11/15/2000	11.3	6.10	-45.8	600
	6/20/2001	17.8	6.40	24.4	560
	11/29/2001	13.2	5.91	50.4	455
	6/26/2002	17.1	6.24	38.2	550
	11/19/2002	12.9	6.29	21.1	768
	6/24/2003	14.5	6.21	68.5	941
	11/17/2003	13.5	6.46	18.5	866
	6/21/2004	14.9	6.13	49.1	800
	11/22/2004	13.7	6.70	19.2	655
	6/22/2005	15.9	6.97	15.7	880
	11/22/2005	11.3	6.86	4.9	945
	7/5/2006	13.8	6.68	18.4	30.2
	11/27/2006	14.1	6.94	20.2	24.9

Notes:
(µS): Units of Conductivity (micro Siemens)

Village of Mamaroneck
Taylor Lane Compost Site
Summary of Field Parameters

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-1D	5/22/1997	16.0	6.72	4.7	430
	11/14/1997	11.4	7.41	82.0	596
	5/19/1998	18.6	7.19	-10.8	448
	11/5/1998	16.2	7.05	-26.2	600
	5/25/1999	17.5	6.32	28.6	449
	11/18/1999	12.8	7.88	-44.5	550
	6/28/2000	18.9	8.08	-79.3	500
	11/15/2000	12.2	7.78	-39.3	420
	6/20/2001	18.1	8.12	-73.8	540
	11/29/2002	13.0	7.25	-39.6	450
	6/26/2002	17.8	7.82	-48.9	450
	11/19/2002	12.6	7.64	-56.9	486
	6/24/2003	14.9	8.06	-23.2	573
	11/17/2003	12.0	8.20	-80.1	465
	6/21/2004	13.5	7.86	-48.1	513
	11/22/2004	12.9	7.49	-23.3	395
	6/22/2005	17.6	7.30	-56.6	464
	11/22/2005	9.9	7.22	-14.7	486
	7/5/2006	15.6	7.67	-33.7	586
	11/27/2006	13.7	7.66	-40.7	30.1

Notes:
(µS): Units of Conductivity (micro Siemens)

Village of Mamaroneck
Taylor Lane Compost Site
Summary of Field Parameters

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-2S	5/22/1997	12.7	6.93	-7.0	550
	11/14/1997	15.9	7.00	36.5	932
	5/19/1998	14.3	7.34	-15.0	472
	11/5/1998	16.0	6.91	2.0	750
	5/25/1999	13.6	6.50	17.1	700
	11/18/1999	13.7	7.13	-5.8	803
	6/28/2000	17.5	7.39	-39.0	700
	11/15/2000	11.9	6.80	-9.3	600
	6/20/2001	17.8	7.29	-27.9	560
	11/29/2001	13.3	6.52	15.7	570
	6/26/2002	17.8	7.19	-13.5	570
	11/19/2002	13.2	7.15	-27.8	771
	6/24/2003	13.9	7.37	9.7	895
	11/17/2003	13.4	7.33	-28.2	762
	6/21/2004	12.8	6.99	0.7	47.1
	11/22/2004	12.9	7.04	1.7	672
	6/22/2005	13.6	7.07	-9.4	817
	11/22/2005	11.3	7.12	-9.1	805
	7/5/2006	14.5	7.15	-5.5	21.4
	11/27/2006	13.7	7.10	-8.0	32.6

Notes:
(µS): Units of Conductivity (micro Siemens)

Village of Mamaroneck
Taylor Lane Compost Site
Summary of Field Parameters

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-2D	5/22/1997	13.5	7.16	-22.5	320
	11/14/1997	13.8	7.47	1.6	502
	5/19/1998	15.7	7.32	-20.8	322
	11/5/1998	15.4	7.28	-19.3	330
	5/25/1999	14.9	6.76	1.4	340
	11/18/1999	12.7	7.91	-48.0	500
	6/28/2000	16.2	7.78	-58.3	370
	11/15/2001	12.1	7.58	-3.2	330
	6/20/2001	15.3	7.86	-60.8	540
	11/29/2001	11.3	6.83	-1.7	320
	6/26/2002	16.2	7.67	-37.8	390
	11/19/2002	12.3	7.47	-48.3	450
	6/24/2003	14.1	7.83	-12.9	564
	11/17/2003	12.1	7.77	-53.5	483
	6/21/2004	13.7	7.66	-36.6	523
	11/22/2004	12.9	7.46	-21.9	412
	6/22/2005	15.7	7.27	-21.4	513
	11/22/2005	10.5	7.07	-6.4	537
	7/5/2006	13.5	7.13	-6.7	679
	11/27/2006	13.1	7.63	-37.6	37.8

Notes:
(µS): Units of Conductivity (micro Siemens)

Village of Mamaroneck
Taylor Lane Compost Site
Summary of Field Parameters

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-3S	5/22/1997	13.2	7.18	-16.5	700
	11/14/1997	16.9	6.72	-5.8	1072
	5/19/1998	15.7	6.95	9.4	800
	11/5/1998	13.5	6.59	17.2	850
	5/25/1999	13.5	6.31	25.9	900
	11/18/2001	12.6	6.61	23.8	850
	6/28/2000	17.5	6.44	-37.1	900
	11/15/2001	12.4	7.10	-29.9	700
	6/20/2001	15.1	6.24	44.1	570
	11/29/2002	13.3	5.62	64.3	570
	6/26/2002	16.9	6.81	9.2	570
	11/19/2002	13.5	6.52	7.9	789
	6/24/2003	13.3	6.75	40.8	1054
	11/17/2003	13.1	7.65	-64.0	564
	6/21/2004	12.1	6.47	29.8	911
	11/22/2004	13.0	6.63	23.6	768
	6/22/2005	12.6	6.48	24.2	996
	11/22/2005	10.8	6.74	11.6	967
	7/5/2006	12.6	6.77	14.2	54.7
	11/27/2006	13.5	6.85	7.0	34.6

Notes:
(µS): Units of Conductivity (micro Siemens)

Village of Mamaroneck
Taylor Lane Compost Site
Summary of Field Parameters

Well ID	Date	Temp. (C)	pH (S.U.)	Eh (mv)	Specific Conductance (µS)
MW-3D	5/22/1997	14.0	6.94	-11.2	620
	11/14/1997	16.2	7.02	-46.2	1074
	5/19/1998	15.6	7.85	-30.8	725
	11/5/1998	13.3	7.01	-3.7	900
	5/25/1999	13.8	6.52	6.2	900
	11/18/1999	11.9	7.30	-12.4	800
	6/28/2000	17.2	7.24	-30.8	900
	11/15/2000	13.1	6.29	-36.6	362
	6/20/2001	15.8	7.76	-174.7	570
	11/29/2002	12.7	6.36	41.8	570
	6/26/2002	16.7	7.20	-15.5	570
	11/19/2002	12.5	7.11	-25.7	880
	6/24/2003	13.6	7.31	15.1	1039
	11/17/2003	11.9	7.46	-33.5	729
	6/21/2004	14.0	7.17	-8.3	31.9
	11/22/2004	12.3	7.15	-3.4	766
	6/22/2005	15.6	6.62	17.2	900
	11/22/2005	9.4	6.92	2.4	1005
	7/5/2006	9.4	6.92	2.4	1005
	11/27/2006	12.8	7.20	-13.2	46.2

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
	7/5/2006	ND	ND	ND
	11/27/2006	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

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

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

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

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

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

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

Notes: ND = Not Detected

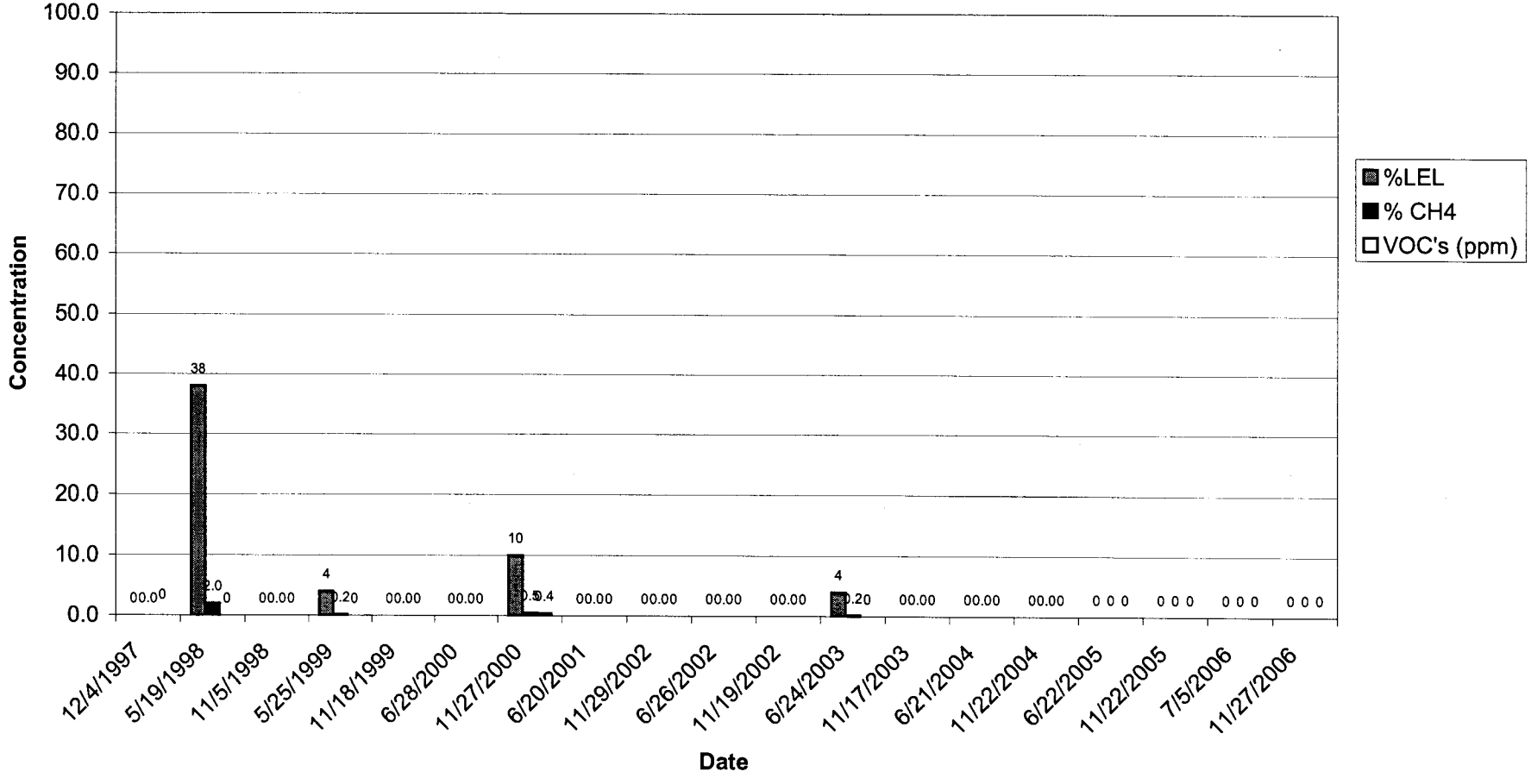
The value 101 is used for graphing purposes, 101 is the value greater than 100.

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

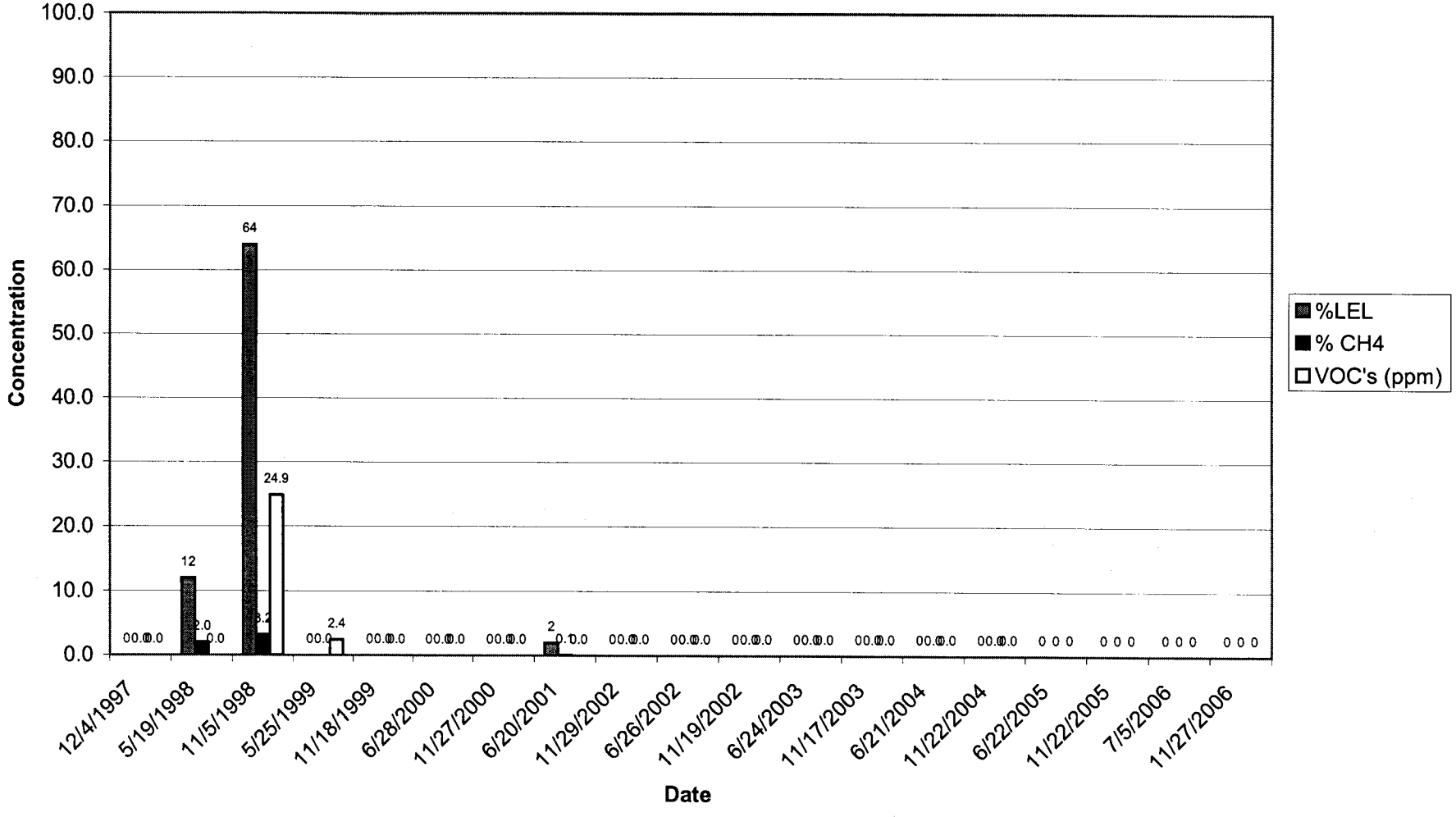
Attachment G

Historical Gas Vent Monitoring Graphs

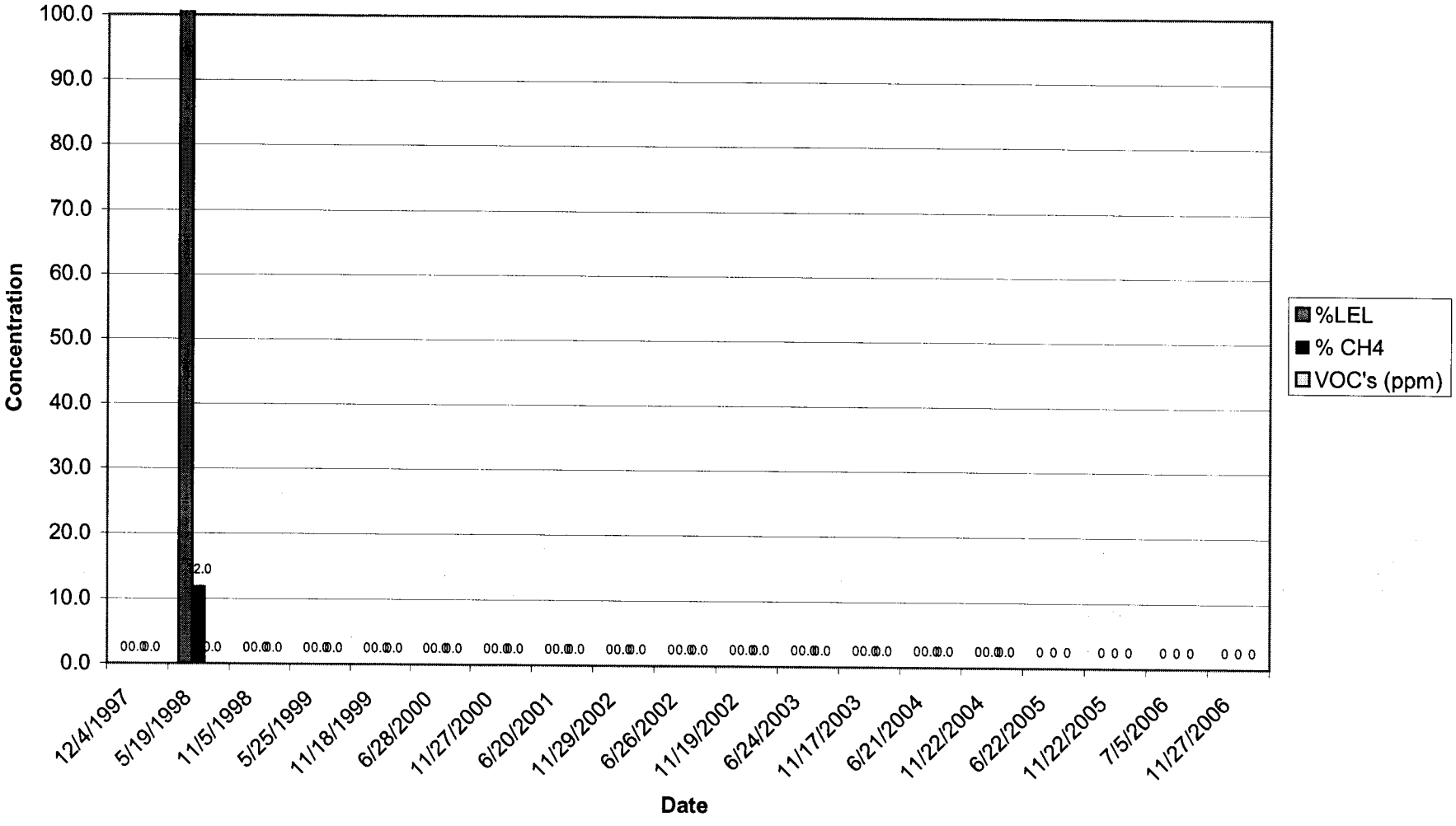
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-1



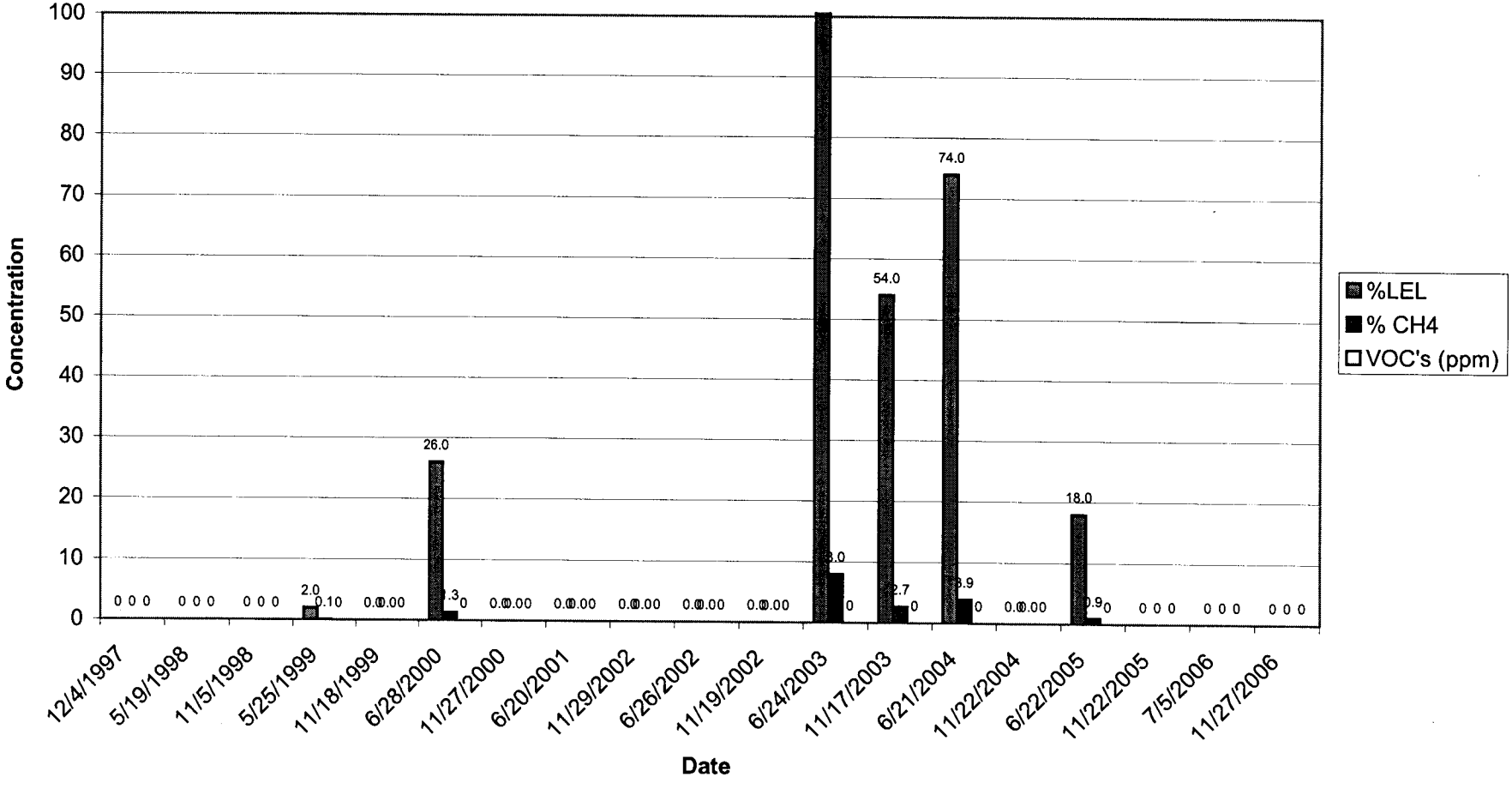
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-2



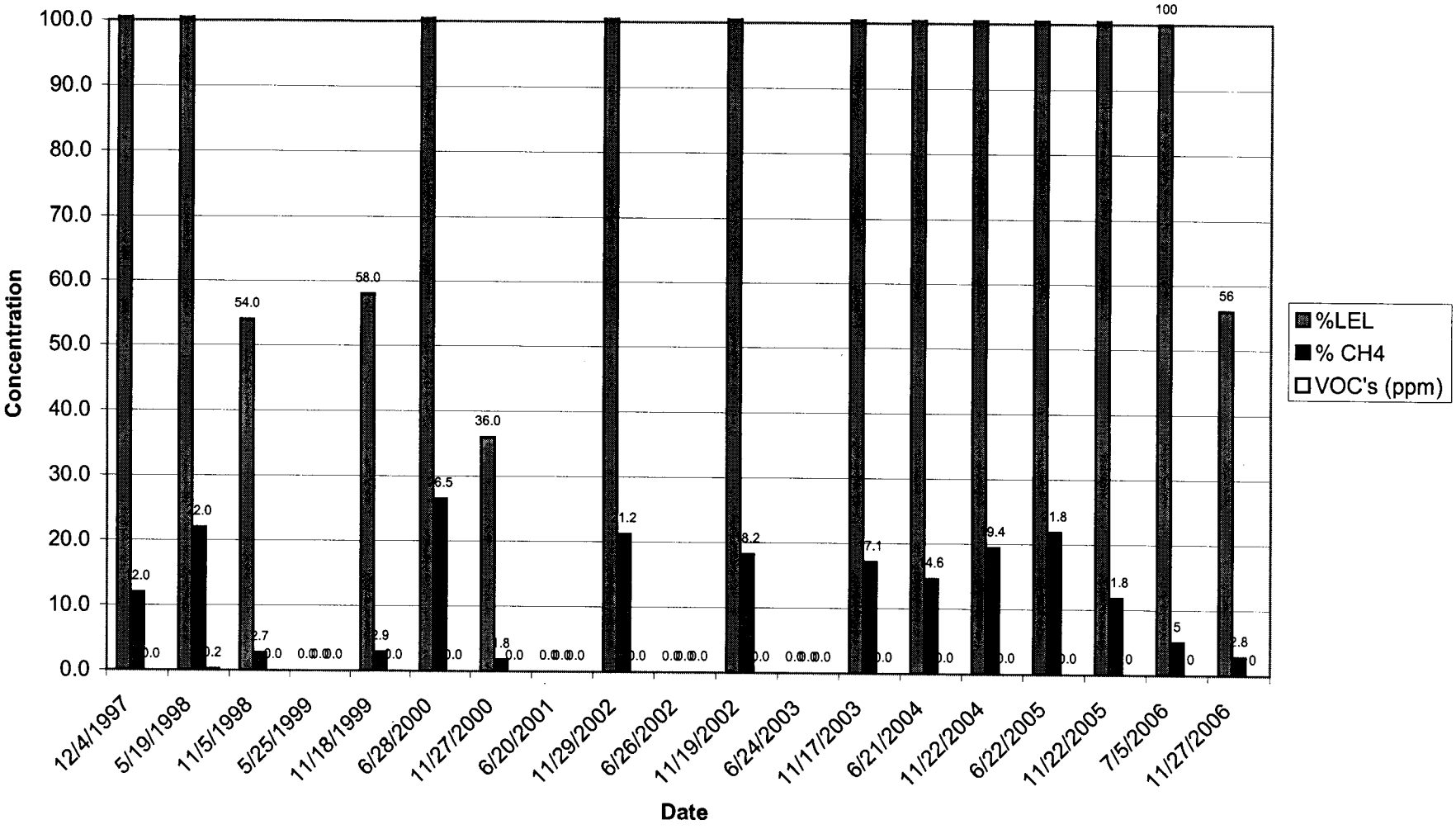
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-3



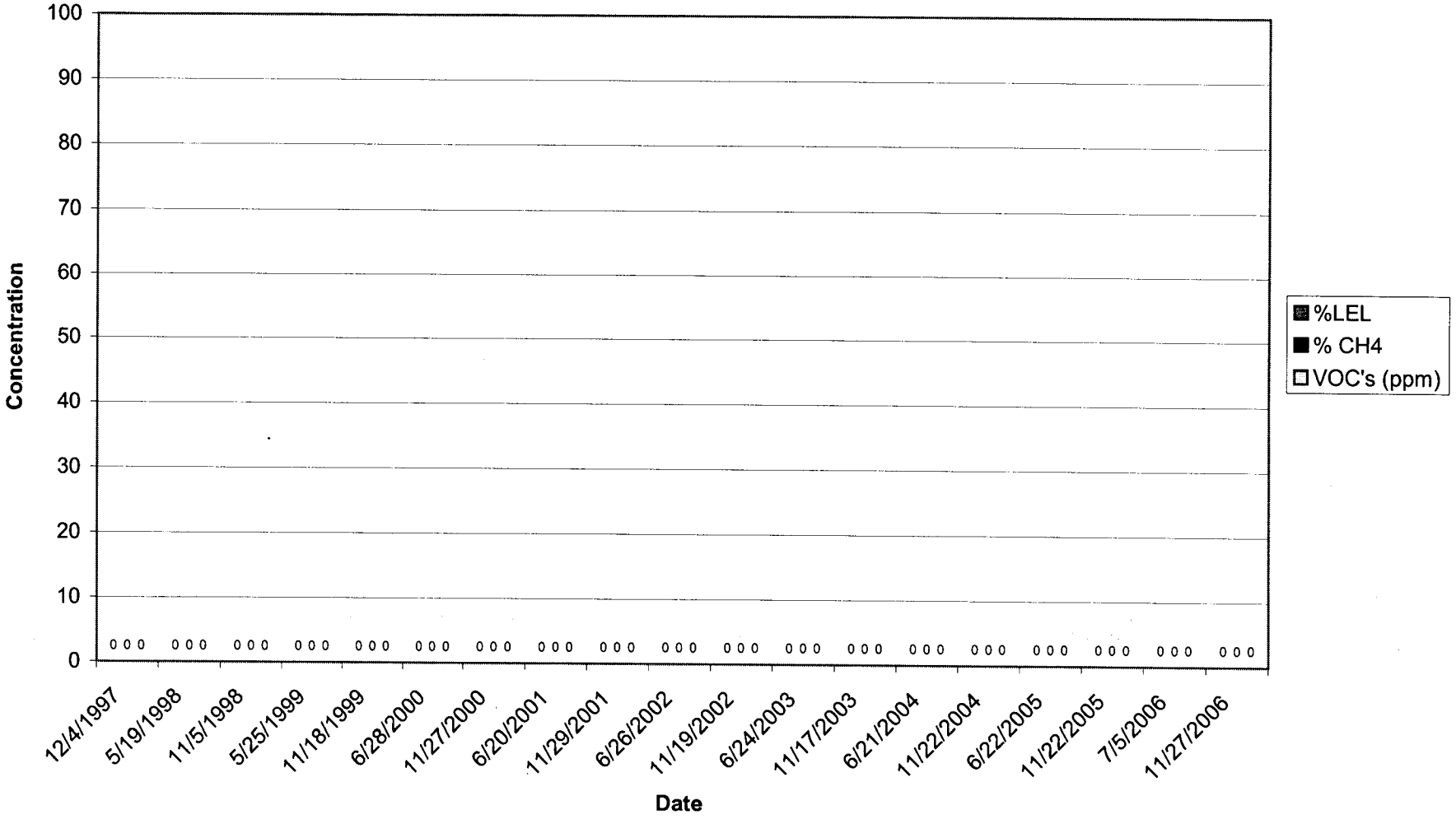
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-4



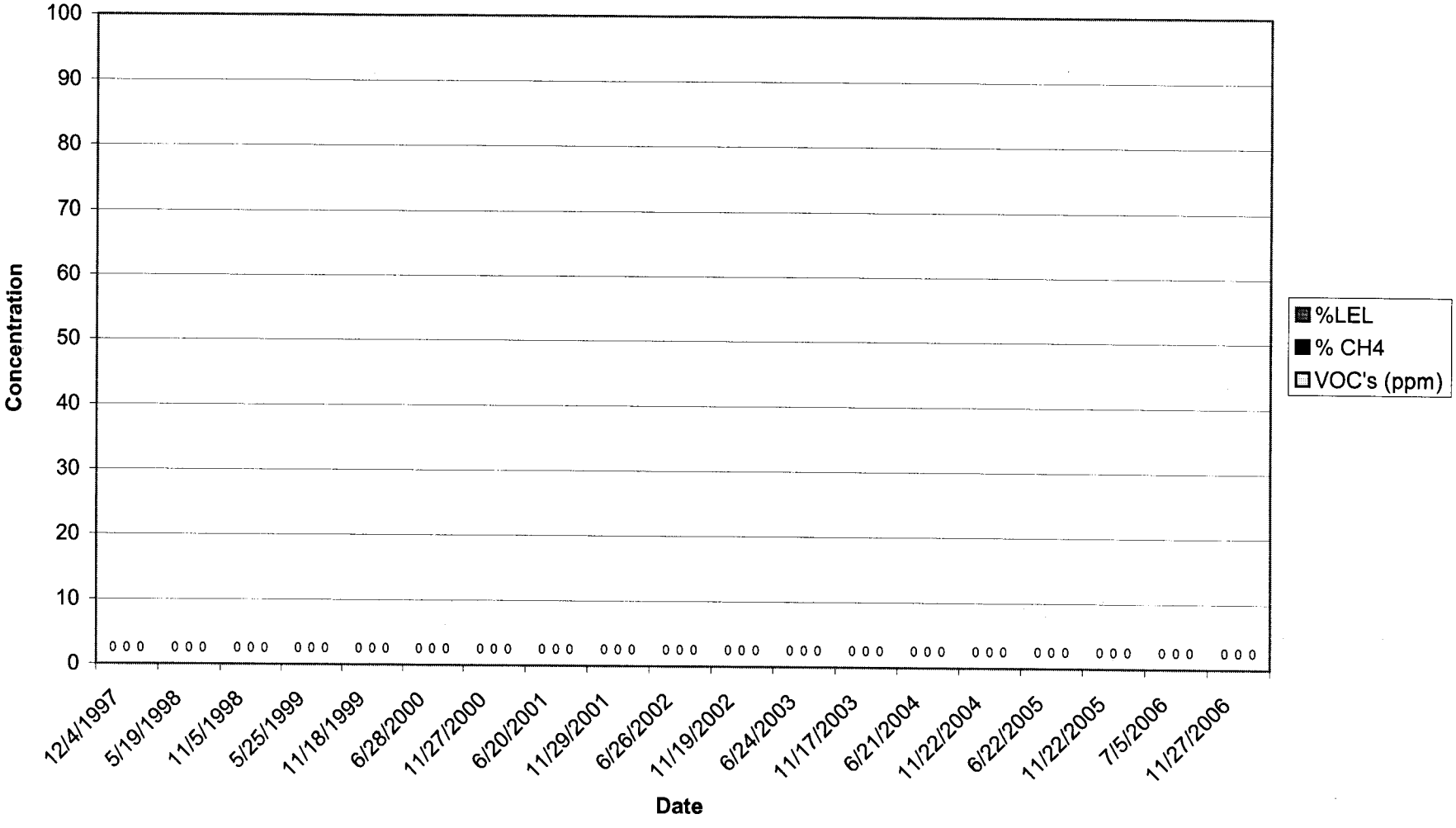
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-5



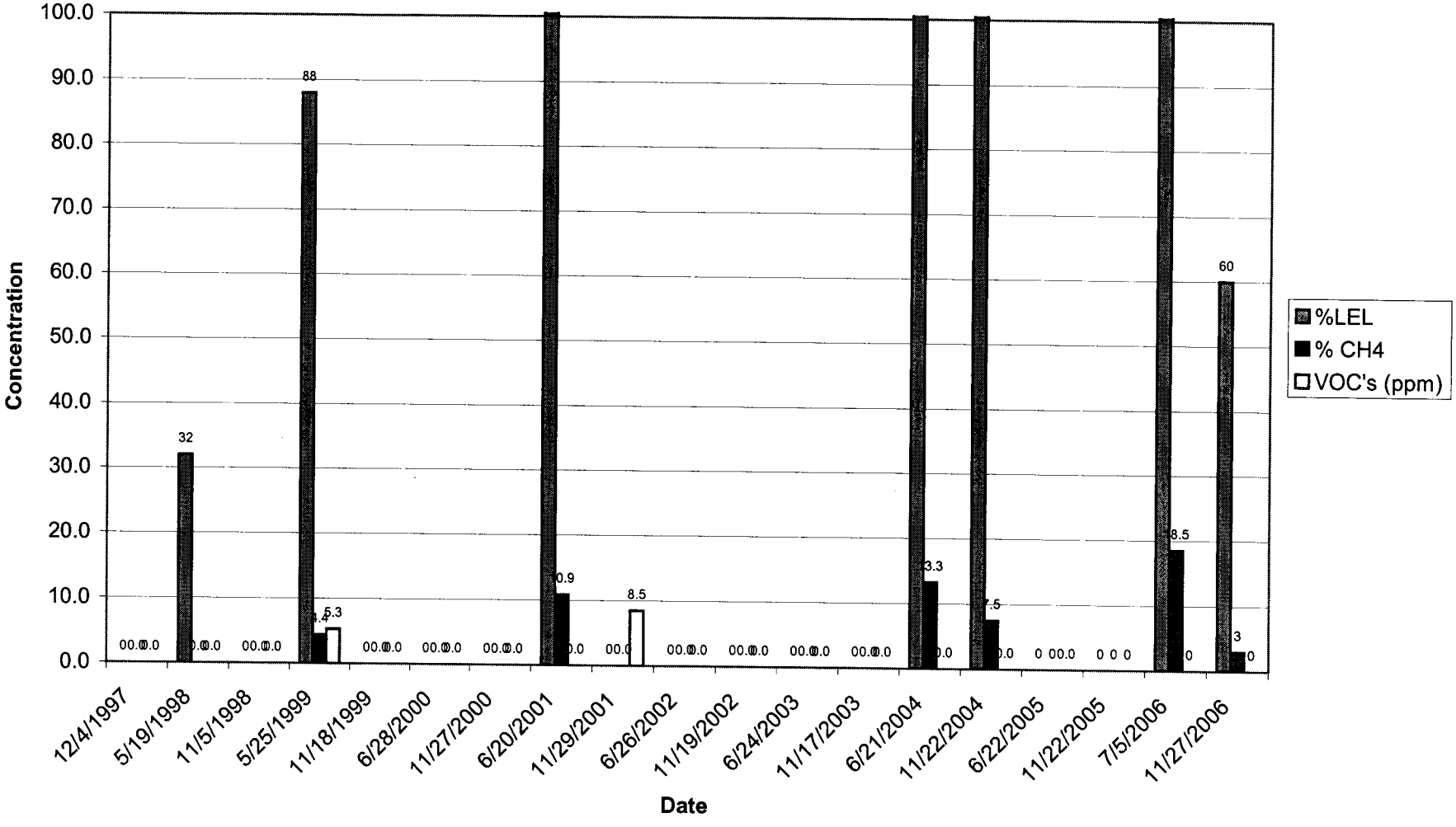
Village of Mamaroneck, Taylor Lane
Historical Gas Vent Monitoring
GV-6



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: 11/27/2006

Analytical Dilution		Analytical Parameters			
		Vinyl Chloride	MTBE	Tert-Butyl-Alcohol	CIS-1, 2-Dichloroethene
	Standard	2.0	10.0	20	5.0
1.00		4	70	110	0.5
5.00		3.9	70	140	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
November 27, 2006

IDENTIFICATION	*TIME*	*PID (ppm)*	*% CH4*	*% LEL*
GV-1	1416	0	0	0
GV-2	1421	0	0	0
GV-3	1438	0	0	0
GV-4	1448	0	0	0
GV-5	1505	0	2.8	56
GV-6	0600	0	0	0
GV-7	0615	0	0	0
GV-8	1403	0	3.0	60

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

TABLE 3
Village of Mamaroneck
BAR HOLE MONITORING
November 27, 2006

IDENTIFICATION	*TIME*	*PID (ppm)*	*% CH4*	*% LEL*
BH-1	1425	0.0	0.0	0.0
BH-2	1429	0.0	0.0	0.0
BH-3	1435	0.0	0.0	0.0
BH-4	1452	0.0	0.0	0.0
BH-5	1459	0.0	0.0	0.0
BH-6	1512	0.0	0.0	0.0
BH-7	1520	0.0	0.0	0.0
BH-8	0610	0.0	0.0	0.0
BH-9	0619	0.0	0.0	0.0
BH-10	0626	0.0	0.0	0.0
BH-11	1401	0.0	0.0	0.0
BH-12	1410	0.0	0.0	0.0
BH-13	1413	0.0	0.0	0.0

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

Drawing