



Mr. Leonard M. Verrastro
Village Manager
Village of Mamaroneck
123 Mamaroneck Avenue
PO Box 369
Mamaroneck, NY 10543

RE: Leachate Collection at Taylor's Lane Compost Site

Dear Mr. Verrastro:

The following letter report provides an evaluation of conditions and potential remedial alternatives to address the leachate seepage at the Taylor's Lane Compost Site in the Village of Mamaroneck (the Village). This report has been prepared as a follow-up to our December 21, 2006 proposal to the Village.

Background and Document Review

Two residences (Weinstein and Markowitz) which are located adjacent to the eastern side of the compost site have historically exhibited liquid on the floors and moisture along the walls of their basements. Current site conditions were reviewed to determine possible causes of seep discharges based upon available construction drawings and monitoring data. Sump pumps installed in these basements discharge the liquid to a shallow drain system located between the properties and the landfill. A series of French drains and perforated piping was also installed by the Town previously between the compost site and the residences to alleviate groundwater and surface water infiltration in these areas. The French drains and perforated pipe network discharge to a catch basin adjacent to the Markowitz's property on Shadow Lane.

In addition, seeps that result in standing water conditions in Taylor's Lane and in the grassy area just north of Taylor's Lane along the southwest perimeter of the site appeared to be discharging from the landfill. These seeps have historically exhibited iron staining. The Village has installed a drainage trench along the perimeter of the landfill to a catch basin located in the southeast corner of the Site. Water discharges to the catch basin and subsequently to the wetland area south of the site. The installation of this trench system has significantly eliminated the seepage along the southwest perimeter of site between the compost site and Taylor's Lane.

Observations made during this site visit confirmed historical observations made at the site.

- Potential leachate seeps along the concrete walls were observed in the basement of the Weinstein residence. Red stained groundwater was observed in the sump at the foot of the stairs to the Weinstein residence.
- Seeps were observed in the side yard of the Markowitz residence adjacent to the landfill. Groundwater was also detected seeping into the concrete walls in the basement of the Markowitz residence. The water appeared to be clear without evidence of significant staining.
- Water was observed to be discharging from the shallow drain system running between the residences and the landfill and into the catch basin on Shadow Lane.
- No standing water was observed in the grassy area along the southwest perimeter of the landfill between Taylor's Lane and the landfill. The drainage trench that had been installed by the Village was discharging into the storm sewer manhole at a considerable rate of flow.

Drive point piezometers were installed on April 13, 2007 between the Markowitz/Weinstein properties and the landfill to assess shallow groundwater conditions in the vicinity of the residences. The Village arranged for the property owners' permission for the installation of these piezometers. The piezometers were installed as couplets consisting of a shallow and deeper piezometer although actual depth of penetration was limited by soil properties. Installing the piezometers at shallow and deeper intervals was intended to assess potential vertical gradients if possible.

Water level measurements were obtained on April 13, 2007 and April 26, 2007. Table 1 summarizes the water level data from the measurement events. Figure 1 shows the piezometer locations. The data suggest generally downward gradients but no survey was performed to confirm relative elevations.

Evaluation

Eastern Perimeter of Site

A review of Table 1 supports the understanding of the shallow groundwater flow at the site. Depths to groundwater during the 2 measurement events were generally less than 2-3 feet below ground surface. The presence of surface seeps and the wet basements historically evident in the Weinstein and Markowitz residence is consistent with the piezometer measurements indicating shallow groundwater in the vicinity of the

and total organic carbon concentrations. There were minor exceedances of arsenic and

sodium relative to New York State Groundwater Water Quality Standards. Recent sampling was conducted from the basement sump at the Markowitz residence in November 2006. Table 2 summarizes this data, and Appendix B contains the laboratory analytical report for this sampling event. There were no exceedances of arsenic and only a minor exceedance of sodium.

During the site meeting with the Village on March 28, 2007, it was determined that the Village performed an investigation of the existing French drain by the use of a down-hole camera. Because the Village performed this work recent to the March 28, 2007 inspection, Shaw did not perform any further investigation to the existing French drain system.

Other alternatives outlined in the December 21, 2006 proposal were also investigated. Alternative 2 – Installation of berm, and Alternative 4 – Installation of a permanent groundwater drawdown system were determined to be the most feasible. The items below discuss the details of the system:

- Alternative 2 – Installation of berm: The construction of a berm swale on the inside of the landfill fence will prevent surface water from entering the property of the 2 residences. This lined swale will start at the Weinstein's residence and follow the limit of final cover transporting surface water to the corner of Shadow Lane and Taylor's Lane's 24" HDPE solid wall pipe inlet. Once the berm is installed, there would be no maintenance costs or operating costs associated with this built structure. Because it is a permanent structure, it will continue to serve its purpose in the long-term.
- Alternative 4 – Installation of permanent groundwater drawdown system: The installation of a groundwater drawdown system to lower the groundwater level at the location of these 2 residences and minimize groundwater flow from the landfill area into the basements can be accomplished by drainage piping. It is suggested that a large diameter perforated drainage pipe be installed along the fence line separating the compost site and the residences. This proposed drainage pipe should have dimensions of approximately 12-24" in diameter and be at an invert elevation equal to or lower than the bottom elevation of the Markowitz's foundation. This would allow groundwater to flow into the perforated pipe before it would have the chance to seep into the wall foundation. The pipe will run from the beginning of the Weinstein property at the eastern-most concrete monument and travel south to the first catch basin on Shadow Lane. Depending on the designed diameter of the pipe, the catch basin may need to be modified. Similar to the installation of the berm, there would be no maintenance cost or operating cost

Appendix A provides an engineering cost estimate to complete this work. The estimated cost for the construction of the drain and the berm would be approximately \$40,000-\$50,000. Implementation of these components should mitigate surface ponding and water flow into the basements.

Southwestern Perimeter of Site (North of Taylor's Lane)

As part of the evaluation in addressing the seeps in the area surrounding the Taylor's Lane Compost site, the possibility of directing leachate from the facility to the Westchester County Wastewater Treatment Plant sewer system had been discussed. In a recent meeting with the New York State Department of Environmental Conservation (NYSDEC), the NYSDEC recommended placing a pipe between the venting layer below the flexible membrane liner cover at the south corner of the landfill and the sanitary sewer drainage system that runs along Taylor's Lane, thus draining the leachate to the sanitary sewer.

Shaw has evaluated the NYSDEC's recommendation but is of the opinion that the final cover should not be disturbed due to additional potential problems that could arise from this action. Removing the final cover and trenching below the venting layer will involve higher construction costs associated with possible geomembrane liner repairs, reconstruction of the anchor trench, and other unforeseen problems during trenching.

As indicated above, the Village had installed a drainage trench running to a catch basin located in the southeast corner of the Site. This action has significantly eliminated the standing water (discharge) along the southwest perimeter. Sampling of this discharge water was completed to characterize the water quality for potential consideration for conveyance to the treatment plant. A discussion of this program follows.

Sampling of water from the trench was performed every 4 hours over a 24 hour period for a total of 6 separate sampling events. The samples were analyzed for priority pollutant volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); pesticides, PCBs, selected metals and miscellaneous parameters. Results of this sampling event which was completed on November 27, 2006 are summarized in Table 3. The analytical laboratory report is provided in Appendix B.

The results of this sampling indicate very good water quality from the drain discharge. All parameters were at concentrations well below the Local Limits Discharge Criteria (LLDC) established by the wastewater treatment plant. In fact, with the exception of minor exceedances for barium, all parameters were below the New York State (NYS) groundwater quality standards. There were no detections of VOCs, SVOCs, pesticides or

suggests that the seepage on the southwestern perimeter of the site that has been mitigated by the drainage trench can be characterized as relatively unimpacted groundwater. It is

Mr. Leonard M. Verrastro
June 25, 2007
Page 5

proposed that periodic sampling of the trench discharge be performed to verify water quality conditions.

Because the Village had addressed the problems for the Southwest perimeter of the site, alternatives were not evaluated. If circumstances change in the future, the alternatives listed in the December 21, 2006 proposal would be re-investigated.

Recommendations

Based on the evaluation completed at the Taylor's Lane Compost Site, the following recommendations are provided for consideration by the Village.

Eastern Perimeter

- Installation of deeper drain system between the Weinstein and Markowitz residences and the landfill to capture groundwater. The drain system would discharge to the catch basin on Shadow Lane. Sampling of this discharge should be performed on a quarterly basis to assess water quality characteristics and the need for any additional action.
- Installation of a berm on the inside of the landfill fence to prevent surface water from entering the property of the 2 residences.

The cost for the installation of the drain and berm would be about \$40,000-\$50,000.

Southwestern Perimeter

No further action is recommended at this time because the trench system installed by the Village appears to be functioning properly in mitigating seepage, and quality of the groundwater discharge (with the exception of minor exceedances of barium) meets NYS groundwater quality standards. It is recommended that sampling and analysis of this discharge be performed on a quarterly basis to verify its chemical quality.

Mr. Leonard M. Verrastro
June 25, 2007
Page 6

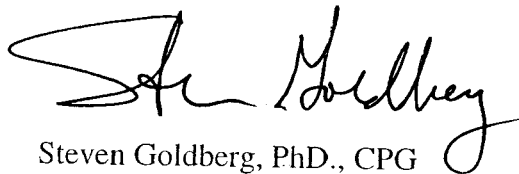
Please feel free to contact us should if you have any questions.

Sincerely,

Shaw Environmental, Inc.

A handwritten signature in black ink, appearing to read 'Andy Cheung'.

Andy Cheung, PE
Project Engineer

A handwritten signature in black ink, appearing to read 'Steven Goldberg'.

Steven Goldberg, PhD., CPG
Senior Hydrogeologist

Table 1
Mamaroneck-Taylor's Lane
Mamaroneck, New York
Piezometer Measurements

Piezometer No.	Depth to Water BTOC		Depth to Water BGS	
	4/13/2007	4/26/2007	4/13/2007	4/26/2007
1S	5.52	5.29	1.02	0.79
1D	3.34	2.24	1.8	0.7
2S	6.24	6.27	1.43	1.46
2D	5.57	5.56	1.49	1.48
3S	5.92	5.26	2.08	1.42
3D	4.31	2.9	2.97	1.56
4S	5.14	5.03	0.52	0.41
4D	3.52		2.97	GS

Notes:

BTOC-Below top of casing

BGS-Below ground surface

GS-At ground surface possibly due to flooding

Table 2
Markowitz Sump Pump
Sampling Results
Nov-06

Sample ID		SMH	
Sampling Date	New York	11/27/06	
Time of Sample	Standard	9:15	
Units	mg/L	mg/L	
CONSTITUENT			
Arsenic	0.0250	0.0100	U
Cadmium	0.00500	0.00500	U
Calcium	N/A	48.8	
Copper	0.2000	0.0200	U
Iron	0.300	0.482	
Lead	0.02500	0.00810	
Magnesium	N/A	25.4	
Manganese	0.300	0.126	
Potassium	N/A	2.50	
Sodium	20	33.4	
Zinc	2	0.0308	
Volatile organic compounds			U
Ammonia	2.0	0.0500	U
BOD-5	N/A	2.00	U
Bromide	N/A	1.00	U
Chemical Oxygen Demand	N/A	5.00	U
Chloride	250	76.8	
Nitrate Nitrogen	10	3.18	
Sulfate	250	33.3	
Total Alkalinity	N/A	105	
Total Dissolved Solids	500	325	
Total Hardness	N/A	220	
Total Kjeldahl Nitrogen	N/A	0.200	U
Total Organic Carbon	N/A	1.39	
Total Phenolics	N/A	0.00500	U

N/A-no standard

U-undetected

Table 3
Mamaroneck-Taylors Lane
Mamaroneck, New York
Trench Outfall Quality
Sampling Results
Nov-06

Sample ID	NYS Part 703		SS-2	SS-2	SS-2	SS-2	SS-2	SS-2
Sampling Date		LLDC	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/28/06
Units	mg/L	mg/L	9:00	13:00	17:00	21:00	1:00	5:00
CONSTITUENT			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Volatile organic compounds	*							
Semi-volatile organic compounds	*							
Pesticides	*							
PCBs	*							
Arsenic	0.025	0.2	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Barium	1	2.0	1.57	1.48	1.49	1.49	1.51	1.50
Cadmium	0.005	0.7	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500
Chromium (Total)	0.05	3.0	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Copper	0.2	2.8	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lead	0.025	0.4	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500
Mercury	0.0007	0.2	0.000300	0.000300	0.000300	0.000300	0.000300	0.000300
Nickel	0.1	2.8	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
Selenium	0.01	0.2	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Silver	0.05	0.8	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Zinc	2	1.8	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Chromium (HEX)	0.05	2.0	0.0100	0.0154	0.0100	0.0100	0.0100	0.0100
Cyanide	0.2	0.8	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Oil & Grease (Total)	NS	100.0	5.0	5.0	5.0	5.0	5.0	5.0
Phenols	NS	4.0	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500

Notes

NYS Part 703 groundwater quality standards and guidance values

mg/L = milligrams per liter or parts per million

Local Limits Discharge Criteria (LLDC)

Total Toxic Organics were not detected

NS=no value

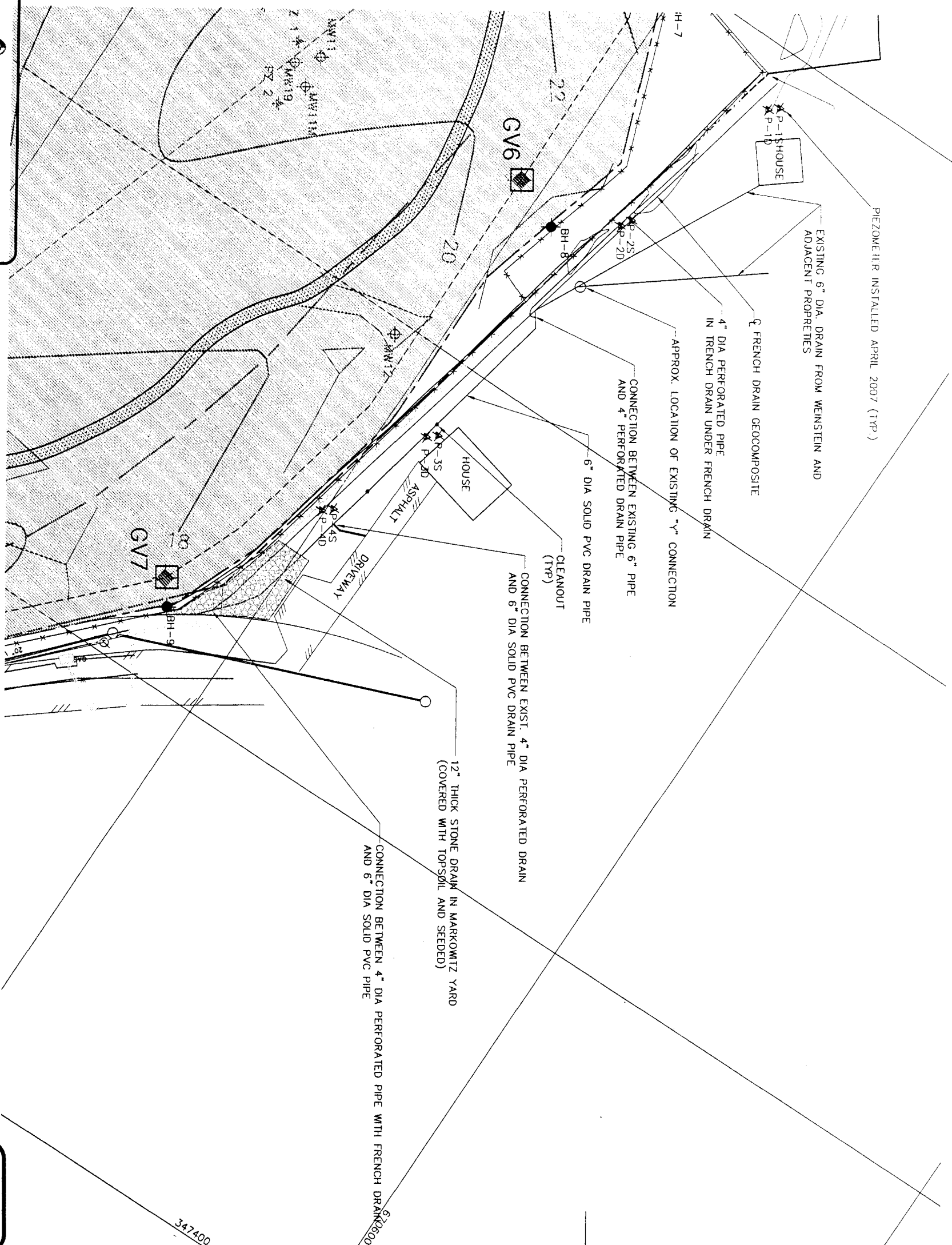
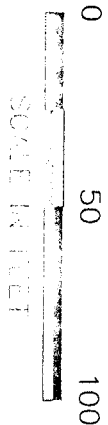
U-not detected

* varies with parameter



Shaw Environmental, Inc.

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LEGEND

- SMH = SANITARY SEWER MANHOLE
- CB = CATCH BASIN
- FI = FLAT GRADE
- RCP = REINFORCED CONCRETE PIPE
- ACP = ASBESTOS CEMENT PIPE
- CMP = CORRUGATED METAL PIPE
- VCP = VITRIFIED CLAY PIPE
- SP = STEEL PIPE
- MW-1 = MONITORING WELL
- ○ ○ S.W. = STONE WALL
- Ø U.P. = UTILITY POLE
- = PROPERTY LINE
- = TRIANGULAR DRAINAGE CHANNEL
- = GAS VENTING PIPE
- = CONTOUR
- = LIMIT OF FINAL COVER
- ◆ = GAS VENT
- ⊕ = MONITORING WELL ABANDONED (TYP)
- = BAR HOLE PUNCH (TYP)
- = FENCE AROUND GAS/MONITORING WELL (TYP)
- ▨ = FINAL COVER AREA
- ▨ = WALK TRAIL
- ✕ = PIEZOMETERS
- ✕ — = FENCE

DATE 06-05-07
DWN UM
APP
REV
PROJECT NO. 84556

VILLAGE OF MAMARONECK
TAYLOR'S LANE COMPOST SITE
TOWN OF RYE, WESTCHESTER COUNTY, NEW YORK
FIGURE 1
LOCATIONS OF PIEZOMETERS

APPENDIX A

COST ESTIMATE



Project: Village of Mamaroneck

Project #: 126327

Description: Installation of Berm

Prepared by: ACC

Checked by: AC

Revised by:

Date: 6/4/2007

Date: 6/4/07

Date:

Berm Installation

MATERIAL AND INSTALLATION COST

Items	Quantity	Unit	Unit Cost Incl. O&M	Unit Cost Incl. City Index	Total Cost	Total Cost Including 15% Contingency
Fill - Borrow, Loading, Spreading	201	CY	\$10.25	\$11.89	\$2,389.89	\$2,748.37
Fill - Hauling	201	CY	\$10.65	\$12.35	\$2,482.35	\$2,854.70
Fill - Compaction	201	CY	\$0.71	\$0.82	\$164.82	\$189.54
6 inch Vegetative Cover	1,015	SY	\$4.81	\$5.58	\$5,663.70	\$6,513.26
Erosion Control Matting	735	SY	\$1.56	\$1.81	\$1,330.35	\$1,529.90
Mechanical Seeding	1,015.0	SY	\$0.45	\$0.52	\$527.80	\$606.97
				TOTAL	\$12,558.91	\$14,442.74

Notes:

- Unit costs taken 2007 RS Means
- City Cost index of 1.16 used for Mamaroneck, NY



Project: Village of Mamaroneck

Project #: 126327

Description: Installation of Drain Pipe & Catch Basin

Prepared by: TME

Checked by: AC

Revised by: ACC

Date: 6/1/2007

Date: 6/4/07

Date: 6/4/2007

MATERIAL AND INSTALLATION COST

Drainage Pipe Installation

Items	Quantity	Unit	Unit Cost Incl. O&M	Unit Cost Incl. City Index	Total Cost	Total Cost Including 15% Contingency
Trenching including trench box	193	CY	\$7.05	\$8.18	\$1,578.74	\$1,815.55
Bedding stone	15	CY	\$44.50	\$51.62	\$774.30	\$890.45
12" ADS N-12 Perforated Pipe	400	LF	\$35.50	\$41.18	\$16,472.00	\$18,942.80
Backfill of Pipe Trench	166	CY	\$1.06	\$1.23	\$204.18	\$234.81
Compaction of Pipe Trench	166	CY	\$1.95	\$2.26	\$375.16	\$431.43
Excavation of Catch Basin	35	CY	\$15.60	\$18.10	\$633.50	\$728.53
Removal of Existing Catch Basin	1	EA	\$355.00	\$411.80	\$411.80	\$473.57
Installation of New Catch Basin	1	EA	\$2,575.00	\$2,987.00	\$2,987.00	\$3,435.05
Backfill of Catch Basin Area	35	CY	\$1.06	\$1.23	\$43.05	\$49.51
Mechanical Seeding	1.04	MSF	\$21.50	\$24.94	\$25.94	\$29.83
				TOTAL	\$23,505.67	\$27,031.53

Notes:
1. Unit costs taken 2007 RS Means
2. City Cost index of 1.16 used for Mamaroneck, NY

APPENDIX A

COST ESTIMATE



Project: Village of Mamaroneck
 Project #: 126327
 Description: Installation of Berm

Prepared by: ACC
 Checked by: AC
 Revised by:

Date: 6/4/2007
 Date: 6/4/07
 Date:

MATERIAL AND INSTALLATION COST

Berm Installation

Items	Quantity	Unit	Unit Cost Incl. O&M	Unit Cost Incl. City Index	Total Cost	Total Cost Including 15% Contingency
Fill - Borrow, Loading, Spreading	201	CY	\$10.25	\$11.89	\$2,389.89	\$2,748.37
Fill - Hauling	201	CY	\$10.65	\$12.35	\$2,482.35	\$2,854.70
Fill - Compaction	201	CY	\$0.71	\$0.82	\$164.82	\$189.54
6 inch Vegetative Cover	1,015	SY	\$4.81	\$5.58	\$5,663.70	\$6,513.26
Erosion Control Matting	735	SY	\$1.56	\$1.81	\$1,330.35	\$1,529.90
Mechanical Seeding	1,015.0	SY	\$0.45	\$0.52	\$527.80	\$606.97
				TOTAL	\$12,558.91	\$14,442.74

Notes:

- Unit costs taken 2007 RS Means
- City Cost index of 1.16 used for Mamaroneck, NY



Project: Village of Mamaroneck
 Project #: 126327
 Description: Installation of Drain Pipe & Catch Basin
 Prepared by: IMF
 Checked by: AC
 Revised by: ACC
 Date: 6/1/2007
 Date: 6/4/07
 Date: 6/4/2007

MATERIAL AND INSTALLATION COST

Drainage Pipe Installation

Items	Quantity	Unit	Unit Cost Incl. O&M	Unit Cost Incl. City Index	Total Cost	Total Cost Including 15% Contingency
Trenching including trench box	193	CY	\$7.05	\$8.18	\$1,578.74	\$1,815.55
Bedding stone	15	CY	\$44.50	\$51.62	\$774.30	\$890.45
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				TOTAL	\$23,505.67	\$27,031.53

Notes:
 1. Unit costs taken 2007 RS Means
 2. City Cost index of 1.16 used for Mamaroneck, NY

APPENDIX B

LABORATORY REPORT



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.

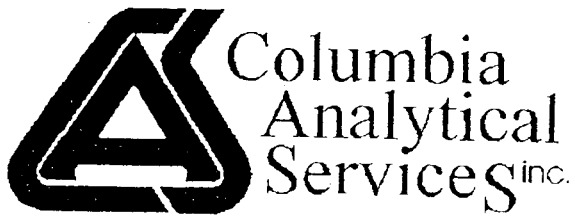
Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Michael K Perry
Michael Perry
Laboratory Director

Enc.



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

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Shaw E & I, Inc.
Project: Mamaroneck
Sample Matrix: Water

Service Request No.: R2634917
Date Received: 11/28-11/29/06

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 mm Date 12/14/06



ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL. This flag is also used for DoD instead of "P" as indicated below.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 40% (25% for CLP) difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P" ("J" for DoD).
- Q - for DoD only – indicates a pesticide/Aroclor target is not confirmed. This flag is used when there is $\geq 100\%$ difference for the detected concentrations between the two GC columns.
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

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

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



INORGANIC QUALIFIERS

C (Concentration) qualifier –

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

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

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

M (Method) qualifier:

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

CAS/Rochester Lab ID # for State Certifications

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

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

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SMH

Date Sampled : 11/27/06 09:15

Order #: 959267

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.0500 U	MG/L	12/06/06	10:32	1.0
BOD-5	405.1	2.00	2.00 U	MG/L	11/29/06	08:20	1.0
BROMIDE	300.0	0.100	1.00 U	MG/L	11/28/06	16:04	10.0
CHEMICAL OXYGEN DEMAND	410.4	5.00	5.00 U	MG/L	12/01/06	10:00	1.0
CHLORIDE	300.0	0.200	76.8	MG/L	11/28/06	16:04	10.0
NITRATE NITROGEN	300.0	0.0500	3.18	MG/L	11/28/06	16:04	10.0
SULFATE	300.0	0.200	33.3	MG/L	11/28/06	16:04	10.0
TOTAL ALKALINITY	310.1	2.00	105	MG/L	12/07/06	10:00	1.0
TOTAL DISSOLVED SOLIDS	160.1	10.0	325	MG/L	11/30/06	14:10	1.0
TOTAL HARDNESS	130.2	2.00	220	MG/L	11/30/00	14:30	1.0
TOTAL KJELDAHL NITROGEN	351.2	0.200	0.200 U	MG/L	12/05/06	10:39	1.0
TOTAL ORGANIC CARBON	9060	1.00	1.29	MG/L	11/30/06	23:24	1.0
TOTAL ORGANIC CARBON	9060	1.00	1.30	MG/L	11/30/06	23:33	1.0
TOTAL ORGANIC CARBON	9060	1.00	1.30	MG/L	11/30/06	23:43	1.0
TOTAL ORGANIC CARBON	9060	1.00	1.39	MG/L	11/30/06	23:52	1.0
TOTAL PHENOLICS	9066	0.00500	0.00500 U	MG/L	11/30/06	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

Chaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SMH

Date Sampled : 11/27/06 09:15

Order #: 959267

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
ADMNIUM	6010B	0.00500	0.00500 U	MG/L	12/08/06	1.0
CALCIUM	6010B	1.00	48.8	MG/L	12/08/06	1.0
COPPER	6010B	0.0200	0.0200 U	MG/L	12/08/06	1.0
IRON	6010B	0.100	0.482	MG/L	12/08/06	1.0
LEAD	6010B	0.00500	0.00810	MG/L	12/08/06	1.0
MAGNESIUM	6010B	1.00	25.4	MG/L	12/08/06	1.0
MANGANESE	6010B	0.0100	0.126	MG/L	12/08/06	1.0
POTASSIUM	6010B	2.00	2.50	MG/L	12/13/06	1.0
SODIUM	6010B	1.00	33.4	MG/L	12/13/06	1.0
ZINC	6010B	0.0200	0.0308	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 : SMH

Date Sampled : 11/27/06 09:15 Order #: 959267

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			
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 VOLATI

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SMH

Date Sampled : 11/27/06 09:15 Order #: 959267
Date Received: 11/28/06 Submission #: R2634917Sample Matrix: WATER
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 %)	88	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	87	%

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			
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

Reported: 12/14/06

Law E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 09:00

Order #: 959269

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
EXVALENT CHROMIUM	7196A	0.0100	0.0100 U	MG/L	11/28/06	11:04	1.0
IL AND GREASE	1664A	5.00	5.00 U	MG/L	12/04/06	08:22	1.0
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	12/05/06	09:29	1.0
TAL PHENOLICS	420.2	0.00500	0.00500 U	MG/L	11/30/06	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 09:00

Order #: 959269

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
BARIIUM	200.7	0.0200	1.57	MG/L	12/08/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	12/08/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	12/08/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	12/08/06	1.0
MERCURY	245.1	0.000300	0.000300 U	MG/L	12/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	12/08/06	1.0
SELENIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	12/08/06	1.0

VOLATILE ORGANICS

METHOD 624 PRIORITY POLLUTANTS

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 09:00 Order #: 959269

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-CHLOROETHYL VINYL 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 %)	117	%
TOLUENE-D8	(85 - 115 %)	104	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 625 PPL SEMIVOLATILES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 09:00 Order #: 959269

Sample Matrix: WATER

Date Received: 11/28/06 Submission #: R2634917

Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
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DATE EXTRACTED	: 11/30/06		
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DATE ANALYZED	: 12/06/06		
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ANALYTICAL DILUTION:	0.94		
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ACENAPHTHENE	5.0	4.7 U	UG/L
ACENAPHTHYLENE	5.0	4.7 U	UG/L
ANTHRACENE	5.0	4.7 U	UG/L
BENZIDINE	100	94 U	UG/L
BENZO (A) ANTHRACENE	5.0	4.7 U	UG/L
BENZO (A) PYRENE	5.0	4.7 U	UG/L
BENZO (B) FLUORANTHENE	5.0	4.7 U	UG/L
BENZO (G, H, I) PERYLENE	5.0	4.7 U	UG/L
BENZO (K) FLUORANTHENE	5.0	4.7 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	4.7 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	4.7 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	5.0	4.7 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	5.0	4.7 U	UG/L
BIS (2-CHLOROETHYL) ETHER	5.0	4.7 U	UG/L
2-CHLORONAPHTHALENE	5.0	4.7 U	UG/L
2-CHLOROPHENOL	5.0	4.7 U	UG/L
2, 2'-OXYBIS (1-CHLOROPROPANE)	5.0	4.7 U	UG/L
CHRYSENE	5.0	4.7 U	UG/L
DIBENZO (A, H) ANTHRACENE	5.0	4.7 U	UG/L
1, 3-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 2-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 4-DICHLOROBENZENE	5.0	4.7 U	UG/L
3, 3'-DICHLOROBENZIDINE	5.0	4.7 U	UG/L
2, 4-DICHLOROPHENOL	5.0	4.7 U	UG/L
DIETHYLPHTHALATE	5.0	4.7 U	UG/L
DIMETHYL PHTHALATE	5.0	4.7 U	UG/L
2, 4-DIMETHYLPHENOL	5.0	4.7 U	UG/L
2, 4-DINITROPHENOL	50	47 U	UG/L
2, 4-DINITROTOLUENE	5.0	4.7 U	UG/L
2, 6-DINITROTOLUENE	5.0	4.7 U	UG/L
1, 2-DIPHENYLHYDRAZINE	5.0	4.7 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	5.0	4.7 U	UG/L
FLUORANTHENE	5.0	4.7 U	UG/L
FLUORENE	5.0	4.7 U	UG/L
HEXACHLOROBENZENE	5.0	4.7 U	UG/L
HEXACHLOROBUTADIENE	5.0	4.7 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	4.7 U	UG/L
HEXACHLOROETHANE	5.0	4.7 U	UG/L
ISOPHORONE	5.0	4.7 U	UG/L
4, 6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	5.0	4.7 U	UG/L
NAPHTHALENE	5.0	4.7 U	UG/L
NITROBENZENE	5.0	4.7 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 09:00 Order #: 959269 Sample Matrix: WATER
Date Received: 11/28/06 Submission #: R2634917 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
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DATE EXTRACTED	: 11/30/06		
DATE ANALYZED	: 12/06/06		
ANALYTICAL DILUTION:	0.94		

2-NITROPHENOL	5.0	4.7 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	4.7 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	4.7 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	4.7 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	5.0	4.7 U	UG/L
PHENOL	5.0	4.7 U	UG/L
4-BROMOPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	4.7 U	UG/L
PYRENE	5.0	4.7 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	4.7 U	UG/L
2,4,6-TRICHLOROPHENOL	5.0	4.7 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(45 - 135 %)	108	%
NITROBENZENE-d5	(41 - 129 %)	94	%
PHENOL-d6	(15 - 58 %)	36	%
2-FLUOROBIPHENYL	(51 - 111 %)	93	%
2-FLUOROPHENOL	(27 - 78 %)	56	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	82	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 13:00

Order #: 959270

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
HEXAVALENT CHROMIUM	7196A	0.0100	0.0154	MG/L	11/28/06	11:04	1.0
OIL AND GREASE	1664A	5.00	5.00 U	MG/L	12/06/06	08:11	1.0
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	12/05/06	09:29	1.0
TOTAL PHENOLICS	420.2	0.00500	0.00500 U	MG/L	11/30/06	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 13:00

Order #: 959270

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
BARIUM	200.7	0.0200	1.48	MG/L	12/08/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	12/08/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	12/08/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	12/08/06	1.0
MERCURY	245.1	0.000300	0.000300 U	MG/L	12/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	12/08/06	1.0
SELENIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	12/08/06	1.0

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 : SS-2

Date Sampled : 11/27/06 13:00 Order #: 959270

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-CHLOROETHYL VINYL 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 %)	105	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	115	%
TOLUENE-D8	(85 - 115 %)	107	%

EXTRACTABLE ORGANICS

METHOD 625 PPL SEMIVOLATILES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 13:00 Order #: 959270
 Date Received: 11/28/06 Submission #: R2634917

Sample Matrix: WATER
 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/06/06			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	5.0	4.7 U	UG/L
ACENAPHTHYLENE	5.0	4.7 U	UG/L
ANTHRACENE	5.0	4.7 U	UG/L
BENZIDINE	100	94 U	UG/L
BENZO (A) ANTHRACENE	5.0	4.7 U	UG/L
BENZO (A) PYRENE	5.0	4.7 U	UG/L
BENZO (B) FLUORANTHENE	5.0	4.7 U	UG/L
BENZO (G, H, I) PERYLENE	5.0	4.7 U	UG/L
BENZO (K) FLUORANTHENE	5.0	4.7 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	4.7 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	4.7 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	5.0	4.7 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	5.0	4.7 U	UG/L
BIS (2-CHLOROETHYL) ETHER	5.0	4.7 U	UG/L
2-CHLORONAPHTHALENE	5.0	4.7 U	UG/L
2-CHLOROPHENOL	5.0	4.7 U	UG/L
2,2'-OXYBIS (1-CHLOROPROPANE)	5.0	4.7 U	UG/L
CHRYSENE	5.0	4.7 U	UG/L
DIBENZO (A, H) ANTHRACENE	5.0	4.7 U	UG/L
1,3-DICHLOROBENZENE	5.0	4.7 U	UG/L
1,2-DICHLOROBENZENE	5.0	4.7 U	UG/L
1,4-DICHLOROBENZENE	5.0	4.7 U	UG/L
3,3'-DICHLOROBENZIDINE	5.0	4.7 U	UG/L
2,4-DICHLOROPHENOL	5.0	4.7 U	UG/L
DIETHYLPHTHALATE	5.0	4.7 U	UG/L
DIMETHYL PHTHALATE	5.0	4.7 U	UG/L
2,4-DIMETHYLPHENOL	5.0	4.7 U	UG/L
2,4-DINITROPHENOL	50	47 U	UG/L
2,4-DINITROTOLUENE	5.0	4.7 U	UG/L
2,6-DINITROTOLUENE	5.0	4.7 U	UG/L
1,2-DIPHENYLHYDRAZINE	5.0	4.7 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	5.0	4.7 U	UG/L
FLUORANTHENE	5.0	4.7 U	UG/L
FLUORENE	5.0	4.7 U	UG/L
HEXACHLOROBENZENE	5.0	4.7 U	UG/L
HEXACHLOROBUTADIENE	5.0	4.7 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	4.7 U	UG/L
HEXACHLOROETHANE	5.0	4.7 U	UG/L
ISOPHORONE	5.0	4.7 U	UG/L
4,6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	5.0	4.7 U	UG/L
NAPHTHALENE	5.0	4.7 U	UG/L
NITROBENZENE	5.0	4.7 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 13:00 Order #: 959270 Sample Matrix: WATER
Date Received: 11/28/06 Submission #: R2634917 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
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DATE EXTRACTED : 11/30/06
DATE ANALYZED : 12/06/06
ANALYTICAL DILUTION: 0.94

2-NITROPHENOL	5.0	4.7 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	4.7 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	4.7 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	4.7 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	5.0	4.7 U	UG/L
PHENOL	5.0	4.7 U	UG/L
4-BROMOPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	4.7 U	UG/L
PYRENE	5.0	4.7 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	4.7 U	UG/L
2,4,6-TRICHLOROPHENOL	5.0	4.7 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(45 - 135 %)	97	%
NITROBENZENE-d5	(41 - 129 %)	81	%
PHENOL-d6	(15 - 58 %)	28	%
2-FLUOROBIPHENYL	(51 - 111 %)	80	%
2-FLUOROPHENOL	(27 - 78 %)	45	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	72	%

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
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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-CHLOROETHYL VINYL 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

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

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATILES

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 VOLATILI

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			
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

Date Received: 11/28/06 Submission #: R2634917

Sample Matrix: WATER

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

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 17:00

Order #: 959576

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
HEXAVALENT CHROMIUM	7196A	0.0100	0.0100 U	MG/L	11/29/06	11:12	1.0
OIL AND GREASE	1664A	5.00	5.00 U	MG/L	12/06/06	08:11	1.0
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	12/05/06	09:29	1.0
TOTAL PHENOLICS	420.2	0.00500	0.00500 U	MG/L	11/30/06	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 17:00

Order #: 959576

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
BARIUM	200.7	0.0200	1.49	MG/L	12/07/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
MERCURY	245.1	0.000300	0.000300 U	MG/L	12/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	12/07/06	1.0
SELENIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0

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 : SS-2

Date Sampled : 11/27/06 17:00 Order #: 959576

Sample Matrix: WATER

Date Received: 11/29/06 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-CHLOROETHYL VINYL 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 %)	105	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	116	%
TOLUENE-D8	(85 - 115 %)	106	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 625 PPL SEMIVOLATILES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 17:00 Order #: 959576
Date Received: 11/29/06 Submission #: R2634917Sample Matrix: WATER
Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
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DATE EXTRACTED : 11/30/06

DATE ANALYZED : 12/06/06

ANALYTICAL DILUTION: 0.94

ACENAPHTHENE	5.0	4.7 U	UG/L
ACENAPHTHYLENE	5.0	4.7 U	UG/L
ANTHRACENE	5.0	4.7 U	UG/L
BENZIDINE	100	94 U	UG/L
BENZO (A) ANTHRACENE	5.0	4.7 U	UG/L
BENZO (A) PYRENE	5.0	4.7 U	UG/L
BENZO (B) FLUORANTHENE	5.0	4.7 U	UG/L
BENZO (G, H, I) PERYLENE	5.0	4.7 U	UG/L
BENZO (K) FLUORANTHENE	5.0	4.7 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	4.7 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	4.7 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	5.0	4.7 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	5.0	4.7 U	UG/L
BIS (2-CHLOROETHYL) ETHER	5.0	4.7 U	UG/L
2-CHLORONAPHTHALENE	5.0	4.7 U	UG/L
2-CHLOROPHENOL	5.0	4.7 U	UG/L
2, 2' -OXYBIS (1-CHLOROPROPANE)	5.0	4.7 U	UG/L
CHRYSENE	5.0	4.7 U	UG/L
DIBENZO (A, H) ANTHRACENE	5.0	4.7 U	UG/L
1, 3-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 2-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 4-DICHLOROBENZENE	5.0	4.7 U	UG/L
3, 3' -DICHLOROBENZIDINE	5.0	4.7 U	UG/L
2, 4-DICHLOROPHENOL	5.0	4.7 U	UG/L
DIETHYLPHTHALATE	5.0	4.7 U	UG/L
DIMETHYL PHTHALATE	5.0	4.7 U	UG/L
2, 4-DIMETHYLPHENOL	5.0	4.7 U	UG/L
2, 4-DINITROPHENOL	5.0	4.7 U	UG/L
2, 4-DINITROTOLUENE	50	47 U	UG/L
2, 6-DINITROTOLUENE	5.0	4.7 U	UG/L
1, 2-DIPHENYLHYDRAZINE	5.0	4.7 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	5.0	4.7 U	UG/L
FLUORANTHENE	5.0	4.7 U	UG/L
FLUORENE	5.0	4.7 U	UG/L
HEXACHLOROBENZENE	5.0	4.7 U	UG/L
HEXACHLOROBUTADIENE	5.0	4.7 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	4.7 U	UG/L
HEXACHLOROETHANE	5.0	4.7 U	UG/L
ISOPHORONE	5.0	4.7 U	UG/L
1, 6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
1-CHLORO-3-METHYLPHENOL	5.0	4.7 U	UG/L
NAPHTHALENE	5.0	4.7 U	UG/L
NITROBENZENE	5.0	4.7 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 17:00 Order #: 959576 Sample Matrix: WATER
Date Received: 11/29/06 Submission #: R2634917 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/06/06			
ANALYTICAL DILUTION: 0.94			
2-NITROPHENOL	5.0	4.7 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	4.7 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	4.7 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	4.7 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	5.0	4.7 U	UG/L
PHENOL	5.0	4.7 U	UG/L
4-BROMOPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	4.7 U	UG/L
PYRENE	5.0	4.7 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	4.7 U	UG/L
2,4,6-TRICHLOROPHENOL	5.0	4.7 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(45 - 135 %)	102	%
NITROBENZENE-d5	(41 - 129 %)	90	%
PHENOL-d6	(15 - 58 %)	34	%
2-FLUOROBIPHENYL	(51 - 111 %)	90	%
2-FLUOROPHENOL	(27 - 78 %)	53	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	82	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 21:00

Order #: 959577

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
HEXAVALENT CHROMIUM	7196A	0.0100	0.0100 U	MG/L	11/29/06	11:12	1.0
OIL AND GREASE	1664A	5.00	5.00 U	MG/L	12/06/06	08:11	1.0
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	12/05/06	09:29	1.0
TOTAL PHENOLICS	420.2	0.00500	0.00500 U	MG/L	11/30/06	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 21:00

Order #: 959577

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
BARIUM	200.7	0.0200	1.49	MG/L	12/07/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
MERCURY	245.1	0.000300	0.000300 U	MG/L	12/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	12/07/06	1.0
SELENIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0

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 : SS-2

Date Sampled : 11/27/06 21:00 Order #: 959577

Sample Matrix: WATER

Date Received: 11/29/06 Submission #: R2634917

Analytical Run 138174

ANALYTE	PQL	RESULT	UNITS
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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-CHLOROETHYL VINYL 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 %)	104	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	112	%
TOLUENE-D8	(85 - 115 %)	107	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 21:00 Order #: 959577 Sample Matrix: WATER
Date Received: 11/29/06 Submission #: R2634917 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/07/06			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	5.0	4.7 U	UG/L
ACENAPHTHYLENE	5.0	4.7 U	UG/L
ANTHRACENE	5.0	4.7 U	UG/L
BENZIDINE	100	94 U	UG/L
BENZO (A) ANTHRACENE	5.0	4.7 U	UG/L
BENZO (A) PYRENE	5.0	4.7 U	UG/L
BENZO (B) FLUORANTHENE	5.0	4.7 U	UG/L
BENZO (G, H, I) PERYLENE	5.0	4.7 U	UG/L
BENZO (K) FLUORANTHENE	5.0	4.7 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	4.7 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	4.7 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	5.0	4.7 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	5.0	4.7 U	UG/L
BIS (2-CHLOROETHYL) ETHER	5.0	4.7 U	UG/L
2-CHLORONAPHTHALENE	5.0	4.7 U	UG/L
2-CHLOROPHENOL	5.0	4.7 U	UG/L
2, 2'-OXYBIS (1-CHLOROPROPANE)	5.0	4.7 U	UG/L
CHRYSENE	5.0	4.7 U	UG/L
DIBENZO (A, H) ANTHRACENE	5.0	4.7 U	UG/L
1, 3-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 2-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 4-DICHLOROBENZENE	5.0	4.7 U	UG/L
3, 3'-DICHLOROBENZIDINE	5.0	4.7 U	UG/L
2, 4-DICHLOROPHENOL	5.0	4.7 U	UG/L
DIETHYLPHTHALATE	5.0	4.7 U	UG/L
DIMETHYL PHTHALATE	5.0	4.7 U	UG/L
2, 4-DIMETHYLPHENOL	5.0	4.7 U	UG/L
2, 4-DINITROPHENOL	50	47 U	UG/L
2, 4-DINITROTOLUENE	5.0	4.7 U	UG/L
2, 6-DINITROTOLUENE	5.0	4.7 U	UG/L
1, 2-DIPHENYLHYDRAZINE	5.0	4.7 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	5.0	4.7 U	UG/L
FLUORANTHENE	5.0	4.7 U	UG/L
FLUORENE	5.0	4.7 U	UG/L
HEXACHLOROBENZENE	5.0	4.7 U	UG/L
HEXACHLOROBUTADIENE	5.0	4.7 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	4.7 U	UG/L
HEXACHLOROETHANE	5.0	4.7 U	UG/L
ISOPHORONE	5.0	4.7 U	UG/L
4, 6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	5.0	4.7 U	UG/L
NAPHTHALENE	5.0	4.7 U	UG/L
NITROBENZENE	5.0	4.7 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/27/06 21:00 Order #: 959577 Sample Matrix: WATER
Date Received: 11/29/06 Submission #: R2634917 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/07/06			
ANALYTICAL DILUTION: 0.94			
2-NITROPHENOL	5.0	4.7 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	4.7 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	4.7 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	4.7 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	5.0	4.7 U	UG/L
PHENOL	5.0	4.7 U	UG/L
4-BROMOPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	5.0	4.7 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	4.7 U	UG/L
PYRENE	5.0	4.7 U	UG/L
1,2,4-TRICHLORO BENZENE	5.0	4.7 U	UG/L
2,4,6-TRICHLOROPHENOL	5.0	4.7 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(45 - 135 %)	107	%
NITROBENZENE-d5	(41 - 129 %)	95	%
PHENOL-d6	(15 - 58 %)	36	%
2-FLUOROBIPHENYL	(51 - 111 %)	92	%
2-FLUOROPHENOL	(27 - 78 %)	56	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	83	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 01:00

Order #: 959578

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
HEXAVALENT CHROMIUM	7196A	0.0100	0.0100 U	MG/L	11/29/06	11:12	1.0
OIL AND GREASE	1664A	5.00	5.00 U	MG/L	12/06/06	08:11	1.0
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	12/05/06	09:29	1.0
TOTAL PHENOLICS	420.2	0.00500	0.00500 U	MG/L	11/30/06	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 01:00

Order #: 959578

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
BARIUM	200.7	0.0200	1.51	MG/L	12/07/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
MERCURY	245.1	0.000300	0.000300 U	MG/L	12/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	12/07/06	1.0
SELENIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0

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 : SS-2

Date Sampled : 11/28/06 01:00 Order #: 959578

Sample Matrix: WATER

Date Received: 11/29/06 Submission #: R2634917

Analytical Run 138174

ANALYTE	PQL	RESULT	UNITS
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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-CHLOROETHYL VINYL 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 %)	103	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	117	%
TOLUENE-D8	(85 - 115 %)	107	%

EXTRACTABLE ORGANICS

METHOD 625 PPL SEMIVOLATILES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 01:00 Order #: 959578

Sample Matrix: WATER

Date Received: 11/29/06 Submission #: R2634917

Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/07/06			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	5.0	4.7 U	UG/L
ACENAPHTHYLENE	5.0	4.7 U	UG/L
ANTHRACENE	5.0	4.7 U	UG/L
BENZIDINE	100	94 U	UG/L
BENZO (A) ANTHRACENE	5.0	4.7 U	UG/L
BENZO (A) PYRENE	5.0	4.7 U	UG/L
BENZO (B) FLUORANTHENE	5.0	4.7 U	UG/L
BENZO (G, H, I) PERYLENE	5.0	4.7 U	UG/L
BENZO (K) FLUORANTHENE	5.0	4.7 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	4.7 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	4.7 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	5.0	4.7 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	5.0	4.7 U	UG/L
BIS (2-CHLOROETHYL) ETHER	5.0	4.7 U	UG/L
2-CHLORONAPHTHALENE	5.0	4.7 U	UG/L
2-CHLOROPHENOL	5.0	4.7 U	UG/L
2, 2'-OXYBIS (1-CHLOROPROPANE)	5.0	4.7 U	UG/L
CHRYSENE	5.0	4.7 U	UG/L
DIBENZO (A, H) ANTHRACENE	5.0	4.7 U	UG/L
1, 3-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 2-DICHLOROBENZENE	5.0	4.7 U	UG/L
1, 4-DICHLOROBENZENE	5.0	4.7 U	UG/L
3, 3'-DICHLOROBENZIDINE	5.0	4.7 U	UG/L
2, 4-DICHLOROPHENOL	5.0	4.7 U	UG/L
DIETHYLPHTHALATE	5.0	4.7 U	UG/L
DIMETHYL PHTHALATE	5.0	4.7 U	UG/L
2, 4-DIMETHYLPHENOL	5.0	4.7 U	UG/L
2, 4-DINITROPHENOL	50	47 U	UG/L
2, 4-DINITROTOLUENE	5.0	4.7 U	UG/L
2, 6-DINITROTOLUENE	5.0	4.7 U	UG/L
1, 2-DIPHENYLHYDRAZINE	5.0	4.7 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	5.0	4.7 U	UG/L
FLUORANTHENE	5.0	4.7 U	UG/L
FLUORENE	5.0	4.7 U	UG/L
HEXACHLOROBENZENE	5.0	4.7 U	UG/L
HEXACHLOROBUTADIENE	5.0	4.7 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	4.7 U	UG/L
HEXACHLOROETHANE	5.0	4.7 U	UG/L
ISOPHORONE	5.0	4.7 U	UG/L
4, 6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	5.0	4.7 U	UG/L
NAPHTHALENE	5.0	4.7 U	UG/L
NITROBENZENE	5.0	4.7 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 01:00 Order #: 959578 Sample Matrix: WATER
Date Received: 11/29/06 Submission #: R2634917 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/07/06			
ANALYTICAL DILUTION: 0.94			
2-NITROPHENOL	5.0	4.7 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	4.7 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	4.7 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	4.7 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	5.0	4.7 U	UG/L
PHENOL	5.0	4.7 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	5.0	4.7 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	5.0	4.7 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	4.7 U	UG/L
PYRENE	5.0	4.7 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	4.7 U	UG/L
2,4,6-TRICHLOROPHENOL	5.0	4.7 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(45 - 135 %)	103	%
NITROBENZENE-d5	(41 - 129 %)	92	%
PHENOL-d6	(15 - 58 %)	36	%
2-FLUOROBIPHENYL	(51 - 111 %)	89	%
2-FLUOROPHENOL	(27 - 78 %)	55	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	82	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 05:00

Order #: 959581

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
HEXAVALENT CHROMIUM	7196A	0.0100	0.0100 U	MG/L	11/29/06	11:12	1.0
OIL AND GREASE	1664A	5.00	5.00 U	MG/L	12/06/06	08:11	1.0
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	12/05/06	09:29	1.0
TOTAL PHENOLICS	420.2	0.00500	0.00500 U	MG/L	11/30/06	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 05:00

Order #: 959581

Sample Matrix: WATER

Date Received: 11/29/06

Submission #: R2634917

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
BARIUM	200.7	0.0200	1.50	MG/L	12/07/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	12/07/06	1.0
MERCURY	245.1	0.000300	0.000300 U	MG/L	12/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	12/07/06	1.0
SELENIUM	200.7	0.0100	0.0100 U	MG/L	12/08/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	12/07/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	12/07/06	1.0

VOLATILE ORGANICS

METHOD 624 PRIORITY POLLUTANTS

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 05:00 Order #: 959581 Sample Matrix: WATER
 Date Received: 11/29/06 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-CHLOROETHYL VINYL 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 %)	105	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	114	%
TOLUENE-D8	(85 - 115 %)	108	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 625 PPL SEMIVOLATILES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 05:00 Order #: 959581

Sample Matrix: WATER

Date Received: 11/29/06 Submission #: R2634917

Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/07/06			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	5.0	4.7 U	UG/L
ACENAPHTHYLENE	5.0	4.7 U	UG/L
ANTHRACENE	5.0	4.7 U	UG/L
BENZIDINE	100	94 U	UG/L
BENZO (A) ANTHRACENE	5.0	4.7 U	UG/L
BENZO (A) PYRENE	5.0	4.7 U	UG/L
BENZO (B) FLUORANTHENE	5.0	4.7 U	UG/L
BENZO (G, H, I) PERYLENE	5.0	4.7 U	UG/L
BENZO (K) FLUORANTHENE	5.0	4.7 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	4.7 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	4.7 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	5.0	4.7 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	5.0	4.7 U	UG/L
BIS (2-CHLOROETHYL) ETHER	5.0	4.7 U	UG/L
2-CHLORONAPHTHALENE	5.0	4.7 U	UG/L
2-CHLOROPHENOL	5.0	4.7 U	UG/L
2,2'-OXYBIS (1-CHLOROPROPANE)	5.0	4.7 U	UG/L
CHRYSENE	5.0	4.7 U	UG/L
DIBENZO (A, H) ANTHRACENE	5.0	4.7 U	UG/L
1,3-DICHLOROBENZENE	5.0	4.7 U	UG/L
1,2-DICHLOROBENZENE	5.0	4.7 U	UG/L
1,4-DICHLOROBENZENE	5.0	4.7 U	UG/L
3,3'-DICHLOROBENZIDINE	5.0	4.7 U	UG/L
2,4-DICHLOROPHENOL	5.0	4.7 U	UG/L
DIETHYLPHTHALATE	5.0	4.7 U	UG/L
DIMETHYL PHTHALATE	5.0	4.7 U	UG/L
2,4-DIMETHYLPHENOL	5.0	4.7 U	UG/L
2,4-DINITROPHENOL	50	47 U	UG/L
2,4-DINITROTOLUENE	5.0	4.7 U	UG/L
2,6-DINITROTOLUENE	5.0	4.7 U	UG/L
1,2-DIPHENYLHYDRAZINE	5.0	4.7 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	5.0	4.7 U	UG/L
FLUORANTHENE	5.0	4.7 U	UG/L
FLUORENE	5.0	4.7 U	UG/L
HEXACHLOROBENZENE	5.0	4.7 U	UG/L
HEXACHLOROBUTADIENE	5.0	4.7 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	4.7 U	UG/L
HEXACHLOROETHANE	5.0	4.7 U	UG/L
ISOPHORONE	5.0	4.7 U	UG/L
4,6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	5.0	4.7 U	UG/L
NAPHTHALENE	5.0	4.7 U	UG/L
NITROBENZENE	5.0	4.7 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 625 PPL SEMIVOLATILES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : SS-2

Date Sampled : 11/28/06 05:00 Order #: 959581 Sample Matrix: WATER
Date Received: 11/29/06 Submission #: R2634917 Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 11/30/06		
DATE ANALYZED	: 12/07/06		
ANALYTICAL DILUTION:	0.94		

2-NITROPHENOL	5.0	4.7 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	4.7 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	4.7 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	4.7 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	5.0	4.7 U	UG/L
PHENOL	5.0	4.7 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	5.0	4.7 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	5.0	4.7 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	4.7 U	UG/L
PYRENE	5.0	4.7 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	4.7 U	UG/L
2,4,6-TRICHLOROPHENOL	5.0	4.7 U	UG/L

SURROGATE RECOVERIESQC LIMITS

TERPHENYL-d14	(45 - 135 %)	103	%
NITROBENZENE-d5	(41 - 129 %)	89	%
PHENOL-d6	(15 - 58 %)	34	%
2-FLUOROBIPHENYL	(51 - 111 %)	88	%
2-FLUOROPHENOL	(27 - 78 %)	53	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	81	%

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 : 11/28/06 : Order #: 959584 Sample Matrix: WATER
Date Received: 11/29/06 Submission #: R2634917 Analytical Run 138174

ANALYTE	PQL	RESULT	UNITS
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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-CHLOROETHYL VINYL 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 %)	104	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	113	%
TOLUENE-D8	(85 - 115 %)	108	%

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
	0.0200 U	2.06	2.00	103	85 - 115	138372	MG/L
	0.00500 U	0.0496	0.0500	99	85 - 115	138372	MG/L
BARIUM	0.0100 U	0.201	0.200	100	85 - 115	138372	MG/L
	0.0200 U	0.250	0.250	100	85 - 115	138372	MG/L
	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
	0.0100 U	0.0511	0.0500	102	85 - 115	138372	MG/L
	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
2.00 U	20.7	20.0	104	93 - 111	138292	MG/L

TOTAL ALKALINITY

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-CHLOROETHYL VINYL 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
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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

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/01/06			
ANALYTICAL DILUTION: 1.0			
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

63

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 963156

ANALYTICAL RUN #: 138545

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/01/06			
ANALYTICAL DILUTION: 1.0			
METHYLENE CHLORIDE	2.00	103	70 - 130
NAPHTHALENE	2.00	91	70 - 130
m-PROPYL BENZENE	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

OLUMBIA 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

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 12/04/06		
ANALYTICAL DILUTION:	1.0		
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

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/01/06			
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	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
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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

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	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 VOLATILES

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

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS	
			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

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS	
			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	

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 625 PPL SEMIVOLATILES

Reported: 12/14/06

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 960195	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/06/06			
ANALYTICAL DILUTION: 1.00			
ACENAPHTHENE	5.0	5.0 U	UG/L
ACENAPHTHYLENE	5.0	5.0 U	UG/L
ANTHRACENE	5.0	5.0 U	UG/L
BENZIDINE	100	100 U	UG/L
BENZO (A) ANTHRACENE	5.0	5.0 U	UG/L
BENZO (A) PYRENE	5.0	5.0 U	UG/L
BENZO (B) FLUORANTHENE	5.0	5.0 U	UG/L
BENZO (G, H, I) PERYLENE	5.0	5.0 U	UG/L
BENZO (K) FLUORANTHENE	5.0	5.0 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	5.0 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	5.0 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	5.0	5.0 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	5.0	5.0 U	UG/L
BIS (2-CHLOROETHYL) ETHER	5.0	5.0 U	UG/L
2-CHLORONAPHTHALENE	5.0	5.0 U	UG/L
2-CHLOROPHENOL	5.0	5.0 U	UG/L
2, 2' -OXYBIS (1-CHLOROPROPANE)	5.0	5.0 U	UG/L
CHRYSENE	5.0	5.0 U	UG/L
DIBENZO (A, H) ANTHRACENE	5.0	5.0 U	UG/L
1, 3-DICHLOROBENZENE	5.0	5.0 U	UG/L
1, 2-DICHLOROBENZENE	5.0	5.0 U	UG/L
1, 4-DICHLOROBENZENE	5.0	5.0 U	UG/L
3, 3' -DICHLOROBENZIDINE	5.0	5.0 U	UG/L
2, 4-DICHLOROPHENOL	5.0	5.0 U	UG/L
DIETHYLPHTHALATE	5.0	5.0 U	UG/L
DIMETHYL PHTHALATE	5.0	5.0 U	UG/L
2, 4-DIMETHYLPHENOL	5.0	5.0 U	UG/L
2, 4-DINITROPHENOL	50	50 U	UG/L
2, 4-DINITROTOLUENE	5.0	5.0 U	UG/L
2, 6-DINITROTOLUENE	5.0	5.0 U	UG/L
1, 2-DIPHENYLHYDRAZINE	5.0	5.0 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	5.0	5.0 U	UG/L
FLUORANTHENE	5.0	5.0 U	UG/L
FLUORENE	5.0	5.0 U	UG/L
HEXACHLOROBENZENE	5.0	5.0 U	UG/L
HEXACHLOROBUTADIENE	5.0	5.0 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	5.0 U	UG/L
HEXACHLOROETHANE	5.0	5.0 U	UG/L
ISOPHORONE	5.0	5.0 U	UG/L
4, 6-DINITRO-2-METHYLPHENOL	50	50 U	UG/L
4-CHLORO-3-METHYLPHENOL	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
NITROBENZENE	5.0	5.0 U	UG/L
2-NITROPHENOL	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/06

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 960195	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 138068

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 11/30/06			
DATE ANALYZED : 12/06/06			
ANALYTICAL DILUTION: 1.00			
4-NITROPHENOL	50	50 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	5.0 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	5.0 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	5.0 U	UG/L
PENTACHLOROPHENOL	50	50 U	UG/L
PHENANTHRENE	5.0	5.0 U	UG/L
PHENOL	5.0	5.0 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	5.0	5.0 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	5.0	5.0 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	5.0 U	UG/L
PYRENE	5.0	5.0 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/L
2,4,6-TRICHLOROPHENOL	5.0	5.0 U	UG/L

SURROGATE RECOVERIESQC LIMITS

TERPHENYL-d14	(45 - 135 %)	101	%
NITROBENZENE-d5	(41 - 129 %)	89	%
PHENOL-d6	(15 - 58 %)	37	%
2-FLUOROBIPHENYL	(51 - 111 %)	87	%
2-FLUOROPHENOL	(27 - 78 %)	55	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	81	%



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SERVICES
Employee - Owned Company
www.caslab.com

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

PAGE

OF

005

CAS Contact

[illegible]

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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455

CAS Contact

94

[illegible]

[illegible]

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: MM 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			<u>959269, 959270</u>	<u>NaOH</u> <u>exp 07/07</u> <u>Lot W1760496</u>	<u>3 pellets</u>	<u>X2</u>
≥12	NaOH		<u>✓</u>				
≤2	HNO ₃	<u>✓</u>					
≤2	H ₂ SO ₄	<u>✓</u>					
Residual Chlorine (+/-)	for TCN & Phenol	<u>✓</u>					

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: _____

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM



SH # 79
CAS Contact

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PAGE 1 OF 1

3rd Name <u>Unumarek, Taylorhead</u>		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																					
2nd Manager <u>Im Pagnon</u>		Report CC		PRESERVATIVE																																					
1st Address <u>SHAW Environmental</u>				NUMBER OF CONTAINERS																																					
4 Commerce Drive South																																									
Harrison, NY 10926																																									
Fax # <u>845 492 3100</u>																																									
Sample Printed Name <u>Brian Nicholas</u>																																									
Signature <u>Brian Nicholas</u>																																									
FOR OFFICE USE ONLY		LAB ID		SAMPLING DATE		SAMPLING TIME		MATRIX																																	
CLIENT SAMPLE ID		3		11-27		1700		BW																																	
SS-2 SET # 3				11-27		2100		BW																																	
SS-2 SET # 4				11-28		1 AM		BW																																	
SS-2 SET # 5				11-28		5 AM		BW																																	
SS-2 SET # 6				11-28				DI																																	
Trip Blank SET #																																									
SOCIAL INSTRUCTIONS/COMMENTS												TURNAROUND REQUIREMENTS										REPORT REQUIREMENTS										INVOICE INFORMATION									
Arsenic, Barium, Cadmium, Chromium (Total), Chromium (Hex), Copper, (Yanide Total), Lead, Mercury, Nickel, Oil & Grease, Phenols, Selenium, Silver, Total Toxic Organics, Zinc												RUSH (SURCHARGES APPLY) 24 hr 48 hr 5 day ☒ STANDARD										I. Results Only II. Results + QC Summaries (LCS, DUP, MSMSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report										PC# BILL TO: SUBMISSION # R2634917									
												REQUESTED FAX DATE										Edata Yes No																			
												REQUESTED REPORT DATE																													
QAPP ☐												RECEIVED BY										RELINQUISHED BY										RECEIVED BY									
VIPLE RECEIPT: CONDITION/COOLER TEMP: 3-4°C												CUSTODY SEALS: Y N																													
RELINQUISHED BY												RELINQUISHED BY										RELINQUISHED BY										RELINQUISHED BY									
Signature <u>Brian Nicholas</u>												Signature <u>Brian Nicholas</u>										Signature <u>Brian Nicholas</u>										Signature <u>Brian Nicholas</u>									
Printed Name <u>Brian Nicholas</u>												Printed Name <u>Brian Nicholas</u>										Printed Name <u>Brian Nicholas</u>										Printed Name <u>Brian Nicholas</u>									
Firm <u>SHAW</u>												Firm <u>SHAW</u>										Firm <u>SHAW</u>										Firm <u>SHAW</u>									
Date/Time <u>11-28-06 8 AM</u>												Date/Time <u>11-28-06 10:05</u>										Date/Time <u>11-28-06 10:05</u>										Date/Time <u>11-28-06 10:05</u>									

Cooler Receipt And Preservation Check Form

Project/Client Shaw Submission Number R2-34917Cooler received on 11-29-06 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? 4^a 3^a CAS/ROC CLIENT
7. Temperature of cooler(s) upon receipt: 4^a 3^a

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: 11-29-06 @ 10:20Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples

PC Secondary Review: MRP 11/29/06Cooler Breakdown: Date: 11-29-06 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			959576 959577 959578 959579	NaOH exp 07/07 Lot W6760496	3 pellets	>12
≥12	NaOH						
≤2	HNO ₃						
≤2	H ₂ SO ₄						
Residual Chlorine (+/-)	for TCN & Phenol						

YES = All samples OK

NO = Samples were preserved at lab as listed

PC OK to adjust pH _____

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

Other Comments:

* - NO TCN sam aliquots sent with samples
An aliquot can be taken from Crt⁶ bottle
and preserved with NaOH.
KE 11-29-06

PC Secondary Review: _____

Pesticide Analysis Report for Non-potable Water

 Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3806

Lab Sample Number: 12172

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2006

Field ID Number: 959269

Date Received: 11/29/2006

Sample Type: Water

Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
 ug / L = microgram per Liter

Signature:


 Bruce Hoogesteger, Technical Director

PCB Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3608

Lab Sample Number: 12172

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2006

Field ID Number: 959269

Date Received: 11/29/2006

Sample Type: Water

Date Analyzed: 12/05/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

063608P1.XLS

**Pesticide Analysis Report for Non-potable Water**Client: **Columbia Analytical Services**

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3806

Lab Sample Number: 12173

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2006

Field ID Number: 959270

Date Received: 11/29/2006

Sample Type: Water

Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

**PCB Analysis Report for Non-potable Water**Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3606

Lab Sample Number: 12173

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2006

Field ID Number: 959270

Date Received: 11/29/2006

Sample Type: Water

Date Analyzed: 12/05/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

Pesticide Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12235

Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959576
Sample Type: Water

Date Sampled: 11/27/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

Pesticide Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12235

Client Job Number: N/A
Field Location: SS-2
Field ID Number: 958576
Sample Type: Water

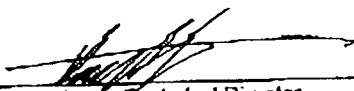
Date Sampled: 11/27/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627

Lab Sample Number: 12235

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2006

Field ID Number: 959576

Date Received: 11/30/2006

Sample Type: Water

Date Analyzed: 12/05/2006

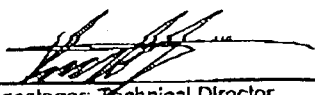
PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:


Bruce Hoogesteger, Technical Director

**Pesticide Analysis Report for Non-potable Water**Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627

Lab Sample Number: 12236

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2006

Field ID Number: 959577

Date Received: 11/30/2006

Sample Type: Water

Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 808

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

This report is part of a multi-page document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

063627P2.XLS

PCB Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12236

Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959577
Sample Type: Water

Date Sampled: 11/27/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Non-potable WaterClient: **Columbia Analytical Services**

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12237Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959578
Sample Type: WaterDate Sampled: 11/28/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:


Bruce Hoogestager, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. 063627P3.XLS

PCB Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12237

Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959578
Sample Type: Water

Date Sampled: 11/28/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2008

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

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063627P3.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 847 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Non-potable WaterClient: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12238Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959579
Sample Type: WaterDate Sampled: 11/28/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND < 0.100
alpha-BHC	ND < 0.100
beta-BHC	ND < 0.100
delta-BHC	ND < 0.100
gamma-BHC	ND < 0.100
alpha-Chlordane	ND < 0.100
gamma-Chlordane	ND < 0.100
4,4'-DDD	ND < 0.100
4,4'-DDE	ND < 0.100
4,4'-DDT	ND < 0.100
Dieldrin	ND < 0.100
Endosulfan I	ND < 0.100
Endosulfan II	ND < 0.100
Endosulfan Sulfate	ND < 0.100
Endrin	ND < 0.100
Endrin Aldehyde	ND < 0.100
Heptachlor	ND < 0.100
Heptachlor Epoxide	ND < 0.100
Methoxychlor	ND < 0.100
Toxaphene	ND < 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per LiterSignature: 

Bruce Hoogesteger, Technical Director

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063627P4.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Non-potable WaterClient: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627

Lab Sample Number: 12238

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/28/2006

Field ID Number: 959579

Date Received: 11/30/2006

Sample Type: Water

Date Analyzed: 12/05/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10956

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

063627P4.XLS

PCB Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627

Lab Sample Number: 12235

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2008

Field ID Number: 959576

Date Received: 11/30/2006

Sample Type: Water

Date Analyzed: 12/05/2008

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Non-potable WaterClient: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627

Lab Sample Number: 12236

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/27/2006

Field ID Number: 959577

Date Received: 11/30/2006

Sample Type: Water

Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 808

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

063627P2.XLS

PCB Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12236

Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959577
Sample Type: Water

Date Sampled: 11/27/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

Pesticide Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12237

Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959578
Sample Type: Water

Date Sampled: 11/28/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND< 0.100
alpha-BHC	ND< 0.100
beta-BHC	ND< 0.100
delta-BHC	ND< 0.100
gamma-BHC	ND< 0.100
alpha-Chlordane	ND< 0.100
gamma-Chlordane	ND< 0.100
4,4'-DDD	ND< 0.100
4,4'-DDE	ND< 0.100
4,4'-DDT	ND< 0.100
Dieldrin	ND< 0.100
Endosulfan I	ND< 0.100
Endosulfan II	ND< 0.100
Endosulfan Sulfate	ND< 0.100
Endrin	ND< 0.100
Endrin Aldehyde	ND< 0.100
Heptachlor	ND< 0.100
Heptachlor Epoxide	ND< 0.100
Methoxychlor	ND< 0.100
Toxaphene	ND< 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

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PCB Analysis Report for Non-potable Water

Client: **Columbia Analytical Services**

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627
Lab Sample Number: 12237

Client Job Number: N/A
Field Location: SS-2
Field ID Number: 959578
Sample Type: Water

Date Sampled: 11/28/2006
Date Received: 11/30/2006
Date Analyzed: 12/05/2008

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

Pesticide Analysis Report for Non-potable Water

Client: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3627

Lab Sample Number: 12238

Client Job Number: N/A

Field Location: SS-2

Field ID Number: 959579

Sample Type: Water

Date Sampled: 11/28/2006

Date Received: 11/30/2006

Date Analyzed: 12/05/2006

Pesticide Identification	Results in ug / L
Aldrin	ND < 0.100
alpha-BHC	ND < 0.100
beta-BHC	ND < 0.100
delta-BHC	ND < 0.100
gamma-BHC	ND < 0.100
alpha-Chlordane	ND < 0.100
gamma-Chlordane	ND < 0.100
4,4'-DDD	ND < 0.100
4,4'-DDE	ND < 0.100
4,4'-DDT	ND < 0.100
Dieldrin	ND < 0.100
Endosulfan I	ND < 0.100
Endosulfan II	ND < 0.100
Endosulfan Sulfate	ND < 0.100
Endrin	ND < 0.100
Endrin Aldehyde	ND < 0.100
Heptachlor	ND < 0.100
Heptachlor Epoxide	ND < 0.100
Methoxychlor	ND < 0.100
Toxaphene	ND < 5.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14808 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Non-potable WaterClient: Columbia Analytical Services

Client Job Site: Mamaroneck - Taylors Lane

Lab Project Number: 06-3827

Lab Sample Number: 12238

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/28/2006

Field ID Number: 959579

Date Received: 11/30/2006

Sample Type: Water

Date Analyzed: 12/05/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 10958

Method: EPA 608

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

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063627P4.XLS

