



Shaw Environmental & Infrastructure, Inc.

Shaw Environmental & Infrastructure, Inc.

4 Commerce Drive South
Harriman, New York 10926
845-492-3100
FAX: 845-492-3101

TRANSMITTAL

Project/Task No.:

TO: Ram Pergadia
New York State Department of Environmental Conservation
21 South Putt Corners Road
New Paltz, NY 12561

DATE: May 3, 2007

MAY 07 2007

RE: Analytical data for sampling performed at Village of Mamaroneck Taylor Lane Site

WE ARE SENDING:

QUANTITY	DESCRIPTION
<u>1</u>	<u>Analytical report and tables</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

For Your:

☒ USE
☐ APPROVAL
☐ REVIEW/COMMENTS
☐ INFORMATION
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☐ UPS
☐ COURIER
☐ OTHER

COMMENTS:

Mr Pergadia

Per discussion with Mr. R Yamuder, please see the attached report on sampling completed at the Taylor Lane site in November 2006. Please feel free to call with any questions.

CC: R. Yamuder

BY: Steven Goldberg

Table 1
Mamaroneck-Taylors Lane
Mamaroneck, New York
Trench Outfall Quality
Sampling Results
Nov-06

MAY 07 2007

Sample ID	New York		SS-2	SS-2	SS-2	SS-2	SS-2	SS-2
Sampling Date	PQL	*LLDC	11/27/06	11/27/06	11/27/06	11/27/06	11/28/06	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
Arsenic	0.025	0.2	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Barium	1.0	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	N/A	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)		100.0	5.0	5.0	5.0	5.0	5.0	5.0
Phenols		4.0	0.00500	0.00500	0.00500	0.00500	0.00500	0.00500

*Local Limits Discharge Criteria (LLDC)

Total Toxic Organics - Undetected 2.1

**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



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

A handwritten signature in black ink, reading 'Michael K. Perry', is written over the printed name and title.

Michael Perry
Laboratory Director

Enc.



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

THIS IS AN ANALYTICAL TEST REPORT FOR:

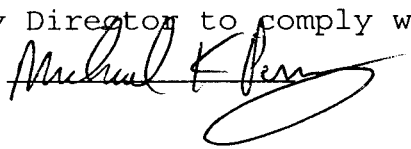
Client : Shaw E & I, Inc.
Project Reference: MAMARONECK - TAYLORS LANE
Lab Submission # : R2634917
Project Manager : Michael Perry
Reported : 12/14/06

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. 

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.

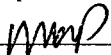
The LCS was within QC limits for all analytes except TBA for the 524.2 analysis was out of limits high. No data was affected.

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  Date 12/14/11

Semi-Volatile Organic Compounds

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

The initial calibrations met the criteria for all analytes.

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

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

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

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

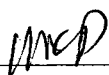
All required analysis holding times were met.

No other analytical or QC problems were encountered.

608 Pesticide/PCB Analysis

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

Approved by



Date

12/14/06



This report contains analytical results for the following samples:

Submission #: R2634917

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



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
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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
Date Received: 11/28/06Order #: 959267
Submission #: R2634917

Sample Matrix: WATER

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

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	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
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

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			
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	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : TRIP BLANK

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

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

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : TRIP BLANK

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

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

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	TIME	DILUTION
					ANALYZED	ANALYZED	
HEXAVALENT CHROMIUM	7196A	0.0100	0.0100 U	MG/L	11/28/06	11:04	1.0
OIL 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
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 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
BARIUM	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

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 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-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 %)
1,2-DICHLOROETHANE-D4	(85 - 122 %)
TOLUENE-D8	(85 - 115 %)

102	%
117	%
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
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 09:00 Order #: 959269 Sample Matrix: WATER
Date Received: 11/28/06 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-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 %)	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	%

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
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
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
DATE ANALYZED : 11/30/06			
ANALYTICAL DILUTION: 1.00			
ACROLEIN	1.0	10 U	UG/L
ACRYLONITRILE	1.0	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	1.0	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 RECOVERIESQC LIMITS

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

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1D

Date Sampled : 11/27/06 10:41

Order #: 959272

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

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

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-1S

Date Sampled : 11/27/06 11:00

Order #: 959274

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

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

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2D

Date Sampled : 11/27/06 11:45

Order #: 959276

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

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

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/27/06 12:06

Order #: 959279

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

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

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

Date Sampled : 11/27/06 12:06 Order #: 959279

Sample Matrix: WATER

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

Analytical Run 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	0.50	0.50 U	UG/L
BROMOBENZENE	0.50	0.50 U	UG/L
BROMOCHLOROMETHANE	0.50	0.50 U	UG/L
BROMODICHLOROMETHANE	0.50	0.50 U	UG/L
BROMOFORM	0.50	0.50 U	UG/L
BROMOMETHANE	0.50	0.50 U	UG/L
TERT-BUTYL ALCOHOL	20	110	UG/L
METHYL-TERT-BUTYL ETHER	0.50	70 E	UG/L
TERT-BUTYLBENZENE	0.50	0.50 U	UG/L
SEC-BUTYLBENZENE	0.50	0.50 U	UG/L
N-BUTYLBENZENE	0.50	0.50 U	UG/L
CARBON TETRACHLORIDE	0.50	0.50 U	UG/L
CHLOROBENZENE	0.50	0.50 U	UG/L
CHLOROETHANE	0.50	0.50 U	UG/L
CHLOROFORM	0.50	0.50 U	UG/L
CHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.50	0.50 U	UG/L
2-CHLOROTOLUENE	0.50	0.50 U	UG/L
4-CHLOROTOLUENE	0.50	0.50 U	UG/L
DIBROMOCHLOROMETHANE	0.50	0.50 U	UG/L
1,2-DIBROMOETHANE	0.50	0.50 U	UG/L
DIBROMOMETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,4-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
DICHLORODIFLUOROMETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHANE	0.50	0.50 U	UG/L
1,2-DICHLOROETHANE	0.50	0.50 U	UG/L
1,1-DICHLOROETHENE	0.50	0.50 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
CIS-1,2-DICHLOROETHENE	0.50	0.50 U	UG/L
2,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,2-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,3-DICHLOROPROPANE	0.50	0.50 U	UG/L
1,1-DICHLOROPROPENE	0.50	0.50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.50	0.50 U	UG/L
ETHYLBENZENE	0.50	0.50 U	UG/L
HEXACHLOROBUTADIENE	0.50	0.50 U	UG/L
ISOPROPYLBENZENE	0.50	0.50 U	UG/L
P-ISOPROPYLTOLUENE	0.50	0.50 U	UG/L
METHYLENE CHLORIDE	0.50	0.50 U	UG/L
NAPHTHALENE	0.50	0.50 U	UG/L
N-PROPYLBENZENE	0.50	0.50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

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

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
ANALYTICAL DILUTION: 1.00			
STYRENE	0.50	0.50 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	4.0	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(70 - 130 %)	107	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	100	%

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 524.2 DRINKING WATER VOLATIL

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-2S

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

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 Sample Matrix: WATER
Date Received: 11/28/06 Submission #: R2634917 Analytical Run 138545

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
ANALYTICAL DILUTION: 5.00			
STYRENE	0.50	2.5 U	UG/L
1,1,1,2-TETRACHLOROETHANE	0.50	2.5 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	2.5 U	UG/L
TETRACHLOROETHENE	0.50	2.5 U	UG/L
TOLUENE	0.50	2.5 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	2.5 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	2.5 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	2.5 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	2.5 U	UG/L
TRICHLOROETHENE	0.50	2.5 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	2.5 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	2.5 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	2.5 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	2.5 U	UG/L
VINYL CHLORIDE	0.50	3.9	UG/L
M+P-XYLENE	0.50	2.5 U	UG/L
O-XYLENE	0.50	2.5 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(70 - 130 %)	99	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	94	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3D

Date Sampled : 11/27/06 12:33

Order #: 959280

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

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

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/06

Shaw E & I, Inc.

Project Reference: MAMARONECK - TAYLORS LANE

Client Sample ID : MW-3S

Date Sampled : 11/27/06 12:58

Order #: 959281

Sample Matrix: WATER

Date Received: 11/28/06

Submission #: R2634917

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

COLUMBIA ANALYTICAL SERVICES

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	TIME	DILUTION
					ANALYZED	ANALYZED	
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 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			
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 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-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 %)	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	TIME	DILUTION
					ANALYZED	ANALYZED	
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-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 RECOVERIESQC 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-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 %)	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	TIME	DILUTION
					ANALYZED	ANALYZED	
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
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 %)	103	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	117	%
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 : 11/28/06 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	TIME	DILUTION
					ANALYZED	ANALYZED	
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

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 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-BUTYL PHTHALATE	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
DIETHYL PHTHALATE	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
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
BARIUM	0.0200 U	2.06	2.00	103	85 - 115	138372	MG/L
CADMIUM	0.00500 U	0.0496	0.0500	99	85 - 115	138372	MG/L
CHROMIUM	0.0100 U	0.201	0.200	100	85 - 115	138372	MG/L
COPPER	0.0200 U	0.250	0.250	100	85 - 115	138372	MG/L
LEAD	0.00500 U	0.533	0.500	107	85 - 115	138372	MG/L
NICKEL	0.0400 U	0.523	0.500	105	85 - 115	138372	MG/L
SILVER	0.0100 U	0.0511	0.0500	102	85 - 115	138372	MG/L
ZINC	0.0200 U	0.514	0.500	103	85 - 115	138372	MG/L
SELENIUM	0.0100 U	0.956	1.01	95	85 - 115	138418	MG/L

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

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

BLANK SPIKES

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

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

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

BLANK SPIKES

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

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

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

BLANK SPIKES

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

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

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

BLANK SPIKES

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

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

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

BLANK SPIKES

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

TOTAL ALKALINITY

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD: 624 PRIORITY POLLUTANTSLABORATORY 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
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 %)	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

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

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD: 524.2 DRINKING WATER VOLATILES

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 963159

ANALYTICAL RUN #: 138545

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

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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
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 RECOVERIESQC 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 VOLATIL

Reported: 12/14/06

Project Reference:

Client Sample ID : METHOD BLANK

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

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/04/06			
ANALYTICAL DILUTION: 1.00			
1,1,1,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.50	0.50 U	UG/L
TETRACHLOROETHENE	0.50	0.50 U	UG/L
TOLUENE	0.50	0.50 U	UG/L
1,2,4-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROBENZENE	0.50	0.50 U	UG/L
1,1,1-TRICHLOROETHANE	0.50	0.50 U	UG/L
1,1,2-TRICHLOROETHANE	0.50	0.50 U	UG/L
TRICHLOROETHENE	0.50	0.50 U	UG/L
TRICHLOROFLUOROMETHANE	0.50	0.50 U	UG/L
1,2,3-TRICHLOROPROPANE	0.50	0.50 U	UG/L
1,3,5-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
1,2,4-TRIMETHYLBENZENE	0.50	0.50 U	UG/L
VINYL CHLORIDE	0.50	0.50 U	UG/L
M+P-XYLENE	0.50	0.50 U	UG/L
O-XYLENE	0.50	0.50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(70 - 130 %)	92	%
1,2-DICHLOROBENZENE-D4	(70 - 130 %)	93	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
 WATER

Spiked Order No. : 960196

Dup Spiked Order No. : 960197

Client ID:

Test: 625 PPL SEMIVOLATILES

Analytical Units: UG/L

Run Number : 138068

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-DICHLORO BENZENE	100	0	61.0	61	62.0	62	2	30	D - 172	
1, 2-DICHLORO BENZENE	100	0	63.0	63	63.0	63	0	30	32 - 129	
1, 4-DICHLORO BENZENE	100	0	62.0	62	62.0	62	0	28	20 - 124	
3, 3'-DICHLORO BENZIDINE	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	SAMPLE	BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS	
	ADDED	CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
FLUORANTHENE	100	0	98.0	98	100	100	2	30	26 - 137	
FLUORENE	100	0	94.0	94	96.0	96	2	30	59 - 121	
HEXACHLOROBENZENE	100	0	94.0	94	99.0	99	5	30	D - 152	
HEXACHLOROBUTADIENE	100	0	58.0	58	60.0	60	3	30	24 - 116	
HEXACHLOROCYCLOPENTADI	100	0	51.0	51	54.0	54	6	30	10 - 130	
HEXACHLOROETHANE	100	0	59.0	59	60.0	60	2	30	40 - 113	
ISOPHORONE	100	0	93.0	93	95.0	95	2	30	21 - 196	
4,6-DINITRO-2-METHYLPH	100	0	91.0	91	96.0	96	5	30	D - 181	
4-CHLORO-3-METHYLPHENO	100	0	98.0	98	100	100	2	42	22 - 147	
NAPHTHALENE	100	0	71.0	71	73.0	73	3	30	21 - 133	
NITROBENZENE	100	0	88.0	88	90.0	90	2	30	35 - 180	
2-NITROPHENOL	100	0	97.0	97	100	100	3	30	29 - 182	
4-NITROPHENOL	100	0	41.0	41	42.0	42	2	50	D - 132	
N-NITROSODIMETHYLAMINE	100	0	57.0	57	57.0	57	0	30	27 - 130	
N-NITROSODIPHENYLAMINE	100	0	93.0	93	98.0	98	5	30	70 - 130	
DI-N-OCTYL PHTHALATE	100	0	100	100	100	100	0	30	4 - 146	
PENTACHLOROPHENOL	100	0	95.0	95	100	100	5	50	14 - 176	
PHENANTHRENE	100	0	98.0	98	100	100	2	30	54 - 120	
PHENOL	100	0	39.0	39	40.0	40	3	42	5 - 112	
4-BROMOPHENYL-PHENYLET	100	0	94.0	94	99.0	99	5	30	53 - 127	
4-CHLOROPHENYL-PHENYLE	100	0	90.0	90	94.0	94	4	30	25 - 158	
N-NITROSO-DI-N-PROPYLA	100	0	92.0	92	95.0	95	3	38	D - 230	
PYRENE	100	0	99.0	99	100	100	1	31	52 - 115	
1,2,4-TRICHLOROBENZENE	100	0	62.0	62	65.0	65	5	28	44 - 142	
2,4,6-TRICHLOROPHENOL	100	0	94.0	94	98.0	98	4	30	37 - 144	

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-PHENYLETHER	5.0	5.0 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	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

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
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

Columbia Analytical Services
An Employee - Owned Company
www.caslab.com

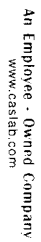
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PAGE 1 OF 1

SR #	12
CAS Contact	

Project Name Mamawacke Torker Lane		Project Number 791158		ANALYSIS REQUESTED (Include Method Number and Container Preservative)															
Project Manager Tim Ragano		Report CC		PRESERVATIVE															
Company/Address SHAW Environmental 4 Commerce Drive South Harrison, NY 10926																			
Phone # 845 492 3100		FAX # 845 492 3101																	
Sample's Signature Brian Richards		Sample's Printed Name Brian Richards																	
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME	MATRIX	NUMBER OF CONTAINERS														
SMH SET #1		11-27-06	915	GW	13														
Trip Blank SET #3		11-27-06	—	DI	3														
					GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP GC VOA's ☐ 8021 ☐ 601/602 PESTICIDES ☐ 8081 ☐ 608 ☐ CLP PCB's ☐ 8082 ☐ 608 ☐ CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below) VOA's SZX.2 VOA's TOC BOD Alkalinity Cl, Br, Sox, TDS, NO3 NH3, LOD, TKN Hardness Phenol														
					Preservative Key 1. NONE 2. HCL 3. HNO3 4. H2SO4 5. NaOH 6. Zn Acetate 7. MeOH 8. Other _____														
					REMARKS/ ALTERNATE DESCRIPTION														
SPECIAL INSTRUCTIONS/COMMENTS Metals NYSDC Part 360 Routine Parameters Total metals, Arsenic, Cadmium, Copper, Lead, Mercury, Zinc, VOA's method SZX.2																			
See OAPP ☐																			
SAMPLE RECEIPT: CONDITION/COOLER TEMP: 3-4°C																			
RELINQUISHED BY					CUSTODY SEALS: Y N					RECEIVED BY									
Signature Brian Richards					Signature Gregory O. Esmerian					Signature CHS									
Printed Name Brian Richards					Printed Name Gregory O. Esmerian					Printed Name CHS									
Firm SHAW					Firm CHS					Firm CHS									
Date/Time 11-27-06 1600					Date/Time 11-28-06 9:50					Date/Time 11-28-06 9:50									
					TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 24 hr 48 hr 5 day STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE					REPORT REQUIREMENTS 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 Edata Yes No					INVOICE INFORMATION PO# BILL TO: SUBMISSION #: 12634917				
RELINQUISHED BY					RECEIVED BY					RECEIVED BY									
Signature					Signature					Signature									
Printed Name					Printed Name					Printed Name									
Firm					Firm					Firm									
Date/Time					Date/Time					Date/Time									





PAGE 1 OF 1

SR #	
CAS Contact	

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Distribution: White - Return to Originator; Yellow - 1 sh Conv; Pink - Retained by Client

Cooler Receipt And Preservation Check Form

Project/Client Shaw Submission Number R2-34917Cooler 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? 3rd 4th CAS/ROC CLIENT
7. Temperature of cooler(s) upon receipt: 3rd 4th

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

If out of Temperature, Client Approval to Run Samples

PC Secondary Review: mmf 11/28/06Cooler Breakdown: Date: 11-28-06 by: KE

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

		YES	NO	Sample I.D.	Reagent	Vol. Added	Final pH
pH	Reagent			959269, 959270	NaOH <u>exp 07/07</u> Lot W2760496	3 pellets	<u>X2</u>
≥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:

PC Secondary Review: _____

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

79

Project Name Mammonette, Taylor's Bend		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
Project Manager Jim Paigano		Report CC			
Company/Address SHAW Environmental					
4 Canmore Drive South Harrison, NY 10926					
Phone # 845 492 3100		FAX # 845 492 3101			
Sample's Signature Brin Nichols		Sample's Printed Name Brin Nichols			
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS
SS-2 SET # 3		11-27	1700	bw	10
SS-2 SET # 4		11-27	2100	bw	10
SS-2 SET # 5		11-28	1 AM	bw	10
SS-2 SET # 6		11-28	5 AM	bw	10
Trip Blank SET #		11-28		DI	3
PRESERVATIVE GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP GC VOA's ☐ 8021 ☐ 601/602 PESTICIDES ☐ 8081 ☐ 608 ☐ CLP PCB's ☐ 8082 ☐ 608 ☐ CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below) Voas 624 Cr + 6 Phenol 608 Oil + Grease 625 Preservative Key 0. NONE 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn Acetate 6. MeOH 7. NaHSO4 8. Other _____					
TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 24 hr _____ 48 hr _____ 5 day _____ STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____					
REPORT REQUIREMENTS I. Results Only _____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) _____ III. Results + QC and Calibration Summaries _____ IV. Data Validation Report with Raw Data _____ V. Specialized Forms / Custom Report _____ Edata Yes _____ No _____					
INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: R263497					
SPECIAL INSTRUCTIONS/COMMENTS Metals Arsenic, Barium, Cadmium, Chromium (Total), Chromium (Hex), Copper, (Ymide total), Lead, Mercury, Nickel, Oil + Grease, Phenols, Selenium, Silver, Total Toxic Organics, Zinc					
See QAPP ☐					
SAMPLE RECEIPT: CONDITION/COOLER TEMP: 3-4°C					
RELINQUISHED BY	RECEIVED BY	CUSTODY SEALS: Y N		RELINQUISHED BY	RECEIVED BY
Signature Brin Nichols	Signature Brin Nichols			Signature	Signature
Printed Name Brin Nichols	Printed Name Brin Nichols			Printed Name	Printed Name
Firm SHAW	Firm SHAW			Firm	Firm
Date/Time 11-28-06 8 AM	Date/Time 11-28-06 10:05			Date/Time	Date/Time
Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client					

Cooler Receipt And Preservation Check Form

Project/Client Shaw Submission Number R2-34917

Cooler 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 @ 10:20

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: MVP 11/29/06

Cooler 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, 959581	NaOH - exp 07/07 Lot W6766496	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: _____



ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14606 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Non-potable Water**Client: Columbia Analytical Services****Client Job Site:** Mamaroneck - Taylors Lane**Lab Project Number:** 06-3606**Lab Sample Number:** 12172**Client Job Number:** N/A**Field Location:** SS-2**Field ID Number:** 959269**Sample Type:** Water**Date Sampled:** 11/27/2006**Date Received:** 11/29/2006**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



ENVIRONMENTAL SERVICES, INC.

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

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:** 12172**Client Job Number:** N/A**Field Location:** SS-2**Field ID Number:** 959269**Sample Type:** Water**Date Sampled:** 11/27/2006**Date Received:** 11/29/2006**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

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063606P1.XLS



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: 06-3808

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

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063808P2.XLS



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: 06-3606

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 808

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

Signature: _____

Bruce Hoogesteger: Technical Director

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063606P2.XLS



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: 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

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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063627P1.XLS



ENVIRONMENTAL SERVICES, INC.

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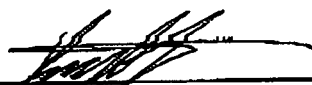
PCB Analysis Report for Non-potable Water**Client: Columbia Analytical Services****Client Job Site:** Mamaroneck - Taylors Lane**Lab Project Number:** 06-3627**Lab Sample Number:** 12235**Client Job Number:** N/A**Field Location:** SS-2**Field ID Number:** 959576**Sample Type:** Water**Date Sampled:** 11/27/2006**Date Received:** 11/30/2006**Date Analyzed:** 12/05/2006

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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063627P1.XLS



ENVIRONMENTAL SERVICES, INC.

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

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

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063627P2.XLS



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

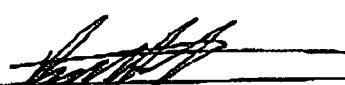
PCB Analysis Report for Non-potable Water**Client: Columbia Analytical Services****Client Job Site:** Mamaroneck - Taylors Lane**Lab Project Number:** 06-3627**Lab Sample Number:** 12236**Client Job Number:** N/A**Field Location:** SS-2**Field ID Number:** 959577**Sample Type:** Water**Date Sampled:** 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

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083627P2.XLS



ENVIRONMENTAL SERVICES, INC.

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

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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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: 12237

Client Job Number: N/A

Field Location: SS-2

Date Sampled: 11/28/2006

Field ID Number: 959578

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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063627P3.XLS



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: 12238

Client Job Number: N/A

Field Location: SS-2

Field ID Number: 959579

Sample Type: Water

Date Sampled: 11/28/2006

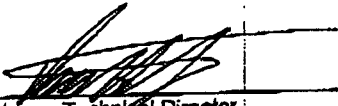
Date Received: 11/30/2006

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 808

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

Bruce Hoogesteger, Technical Director

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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

Field ID Number: 959579

Sample Type: Water

Date Sampled: 11/28/2006

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

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063627P4.XLS



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR # 06-3627

CAS Contact

OF

PAGE

288-9475

FAX (585) 288-5380

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-685-7222 x11 • FAX (585) 288-9475

www.caslab.com

An Employee - Owned Company

Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
Project Manager		Report CC		PRESERVATIVE	
Monatoneck-Taylor Lane				88	
Mike Perry					
Company Address					
CAS Rochester					
1141 Mustard St. Suite 250					
Rochester NY 14609					
Phone (585) 288-5380		FAX (585) 288-8475			
Sampler's Signature		Sampler's Printed Name			
CLIENT SAMPLE ID	FOR OFFICE USE ONLY	LAB ID	SAMPLING DATE	TIME	MATRIX
SS-2	959576		11-27-06	17:00	Amoxicillin
SS-2	1577		11-27-06	21:00	↓
SS-2	1578		11-28-06	01:00	↓
SS-2	1581		11-28-06	05:00	↓
RECEIVED BY: 11-29-06					
SPECIAL INSTRUCTIONS/COMMENTS					
Metals					
See OAPP ☐					
SAMPLE RECEIPT: CONDITION/COOLER TEMP: 5°C Iced					
RECEIVED BY		RECEIVED BY		CUSTODY SEALS: Y (N)	
Signature: [Signature]		Signature: [Signature]		RELINQUISHED BY	
Printed Name: Heather Long		Printed Name: Elizabeth Honch		RELINQUISHED BY	
Firm: CAS		Firm: Paradigm		RELINQUISHED BY	
Date/Time: 11/30/06 9:05		Date/Time: 11/30/06 11:00		RELINQUISHED BY	
INVOICE INFORMATION					
R2634917					
REPORT REQUIREMENTS					
I. Results Only					
II. Results + QC Summaries (CS, DUP, MSWSD as required)					
III. Results + QC and Calibration Summaries					
IV. Data Validation Report with Raw Data					
V. Specialized Forms / Custom Report					
Edits Yes No					
SUBMISSION #					
RECEIVED BY					
Signature					
Printed Name					
Firm					
Date/Time					