



GTE Operations Support Incorporated
One Verizon Way (VC34W414)
Basking Ridge, New Jersey 07920-1097

May 21, 2010

Mr. Stephen Condon
New York State Department of Environmental Conservation
Bureau of Radiation & Hazardous Site Management
Division of Solid & Hazardous Materials
625 Broadway
Albany, New York 12233-7252

Re: *March 2010 Semi-Annual Groundwater Sampling Event*

Dear Mr. Condon:

Attached are the results of the March 2010 semi-annual groundwater sampling at the former Philips Display Components facility in Seneca Falls, New York (Site). Volatile organic compounds, primarily trichloroethene, cis-1,2-dichloroethene, and vinyl chloride were reported in the groundwater samples.

The next semi-annual groundwater sampling event is tentatively scheduled for the week of September 20, 2010.

Please call me at (908) 559-3691 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Pam Cox", written over a horizontal line.

Pam Cox
Manager – Corporate Workplace Safety &
Environmental Compliance

ATTACHMENTS

- Attachment A – March 2010 Groundwater Sampling Event Results Summary
- Attachment B – Figures
- Attachment C – Tables
- Attachment D – Data Validation Report

Mr. Stephen Condon
May 21, 2010
Page 2

cc:

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625 Broadway
Albany, New York 12233-7252

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NYS Dept of Environmental Conservation
625 Broadway
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Environmental Consultant
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Ms. Marzi Sharfaei
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Ms. Melissa A. Menetti
New York State Department of Health
547 River Street
Troy, NY 12180

Attachment A
March 2010 Groundwater Sampling Event Results Summary

On March 22 through 25, 2010 Malcolm Pirnie, Inc. (Malcolm Pirnie) measured groundwater levels and collected groundwater samples from:

- Eleven shallow monitoring wells (MW-1, MW-20 through MW-29),
- One weathered bedrock monitoring well (MW-BR-06), and
- Five bedrock monitoring wells (MW-BR-01 through MW-BR-05).

Figure 1 provides monitoring well locations.

Prior to sampling, either three volumes of water were removed or the wells were purged dry with a submersible pump and allowed to recover. Conductivity, pH, turbidity, dissolved oxygen, oxidation reduction potential, total dissolved solids, and temperature were measured during purging to evaluate the geochemical characteristics of groundwater and ensure the representativeness of the samples. The purged water was disposed of in the nearby sanitary sewer with the permission of the Village of Seneca Falls Publicly Owned Treatment Works.

The groundwater and quality assurance/quality control samples (two trip blanks, one equipment blank, and one duplicate from MW-25) were shipped overnight to TestAmerica Laboratories, Inc. of Shelton, Connecticut and analyzed for volatile organic compounds (VOC) using the United States Environmental Protection Agency Method 8260B. Data Validation Services, Inc. of North Creek, New York performed third-party data validation. As discussed in the attached data validation report, sample processing and reporting were conducted in compliance with project requirements. The data are usable as reported or with minor qualification, with the exception of dichlorodifluoromethane in MW-25 and its duplicate sample. The dichlorodifluoromethane in the matrix spikes of MW-25 was not recovered because of an interference. Dichlorodifluoromethane is not a site-related VOC and has never been detected in any groundwater samples.

Table 1 provides groundwater levels. Tables 2 and 3 provide laboratory analytical results. Concentrations of VOCs in the March 2010 samples were compared to New York State Department of Environmental Conservation (NYSDEC) Class GA Standards.

- Trichloroethene (TCE) and/or *cis*-1,2-dichloroethene (*cis*-1,2-DCE) were reported at concentrations greater than NYSDEC Class GA Standard of 5 micrograms per liter (µg/l) in samples from monitoring wells MW-22 through MW-26¹, MW-29, and MW-BR-06.
- Vinyl chloride was reported at concentrations greater than NYSDEC Class GA Standard of 2 µg/l in samples from monitoring wells MW-24 and MW-26, and the duplicate sample from MW-25.
- TCE, *cis*-1,2-DCE, 1,1-dichloroethane (1,1-DCA) and 1,1-dichloroethene (1,1-DCE) were reported in the sample from monitoring well MW-25 at a concentration greater than NYSDEC Class GA Standard of 5 µg/l.
- VOCs were not reported in groundwater samples from MW-21, MW-27, MW-BR-01, MW-BR-02, MW-BR-03 and MW-BR-04.

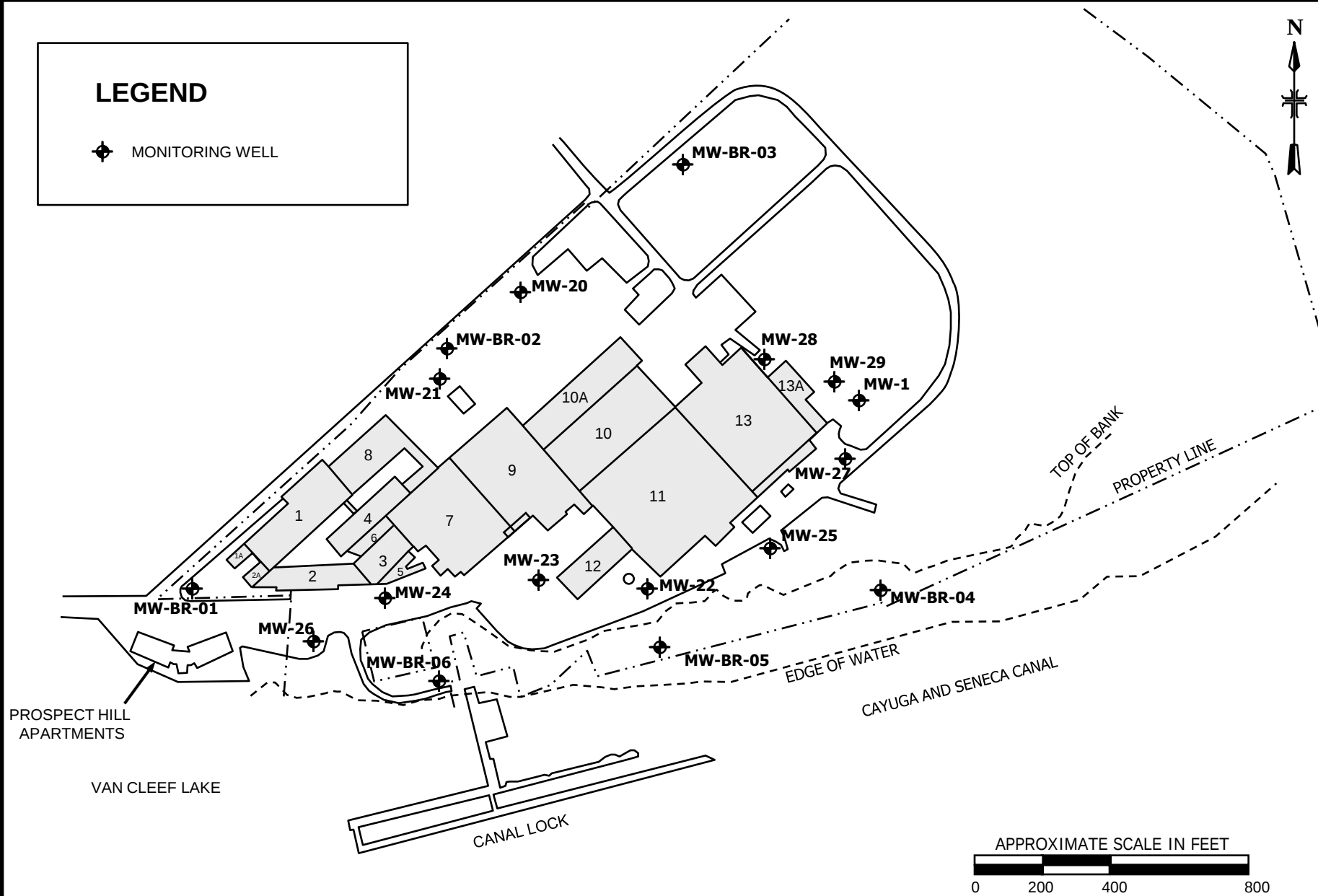
VOC concentrations in groundwater fluctuate but are generally stable or decreasing.

¹ Samples from MW-23 through MW-25 were diluted in the laboratory because of concentrations greater than the standard calibration range. As a result, the reporting limits for analytes in these samples were one to three orders of magnitude greater than those of the other samples.

Attachment B
Figures

LEGEND

MONITORING WELL



FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

MONITORING WELL LOCATIONS

FIGURE 1

Attachment C
Tables

Table 1
Depth to Water Measurements (March 22, 2010)
Former Philips Display Components Facility
Seneca Falls, New York

Well Number	Datum Elevation	Depth to Water (feet)	Water Level Elevation (feet AMSL)
MW-1	460.83	8.18	452.65
MW-20	463.42	1.50	461.92
MW-21	467.39	2.46	464.93
MW-22	460.77	5.88	454.89
MW-23	460.59	2.21	458.38
MW-24	462.76	3.22	459.54
MW-25	460.74	4.16	456.58
MW-26	458.80	5.31	453.49
MW-27	460.45	6.97	453.48
MW-28	461.26	7.11	454.15
MW-29	459.89	7.17	452.72
MW-BR-01	462.64	34.36	428.28
MW-BR-02	467.87	30.06	437.81
MW-BR-03	457.06	96.14	360.92
MW-BR-04	396.39	--	Artesian
MW-BR-05	401.34	20.30	381.04
MW-BR-06	436.30	36.47	399.83

Note:

AMSL - Above mean sea level

Table 2
Groundwater Monitoring Results (March 2010)
Overburden Wells
Former Philips Display Components Facility
Seneca Falls, New York

VOCs	NYS Class GA Standard	MW-1	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-25 DUPLICATE	MW-26	MW-27	MW-28	MW-29
1,1,1-Trichloroethane	5	1.5 J	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	3.9 J	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	1	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	1.2 J	5.0 U	5.0 U	5.0 U	120 U	1200 U	23	23	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	5.3 J	4.7 J	1.2 J	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	0.6	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	1	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (MEK)	50	10 U	10 U	10 U	10 U	250 U	2500 U	40 U	20 U	10 U	10 U	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U	10 U	250 U	2500 U	40 U	20 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	5	10 U	10 U	10 U	10 U	250 U	2500 U	40 U	20 U	10 U	10 U	10 U	10 U
Acetone	50	10 UJ	10 UJ	10 UJ	10 UJ	250 UJ	2500 UJ	40 UJ	20 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	1	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	50	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	50	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	60	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	7	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	6.7	93 J	27000	380	380	140	5.0 U	5.0 U	8.3
cis-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	50	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	R	R	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	2.1 J	1.4 J	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	8.6	2700	850 J	13 J	14 J	83	5.0 U	5.0 J	5.0 U
Trichlorofluoromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	1.0 J	5.0 U	5.0 U	120 U	1000 J	20 U	2.1 J	9.5	5.0 U	5.0 U	5.0 U
Xylenes, Total	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	1200 U	20 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U

NOTES:

Bolded results were detected or estimated.

Shaded results were greater than the NYSDEC Class GA Standards

All values are shown in units of micrograms per liter (ug/L).

U - Not detected. Reporting limit shown.

J - Estimated

R - Data deemed unusable by the validator. The analyte may or may not be present.

Table 3
Groundwater Monitoring Results (March 2010)
Bedrock Wells and Quality Assurance/Quality Control Samples
Former Philips Display Components Facility
Seneca Falls, New York

VOCs	NYS Class GA Standard	MW-BR-01	MW-BR-02	MW-BR-03	MW-BR-04	MW-BR-05	MW-BR-06	Field Blank	TRIP BLANK	TRIP BLANK
1,1,1-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	0.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (MEK)	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	60	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	3.2 J	2.6 J	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	9.8	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl acetate	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes, Total	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

NOTES:

**MW-BR-06 is screened in overburden and weathered bedrock

Bolded results were detected or estimated.

Shaded results were greater than the NYSDEC Class GA Standards

All values are shown in units of micrograms per liter (ug/L).

U - Not detected. Reporting limit shown.

J - Estimated

Attachment D
Data Validation Report

Data Validation Services

120 Cobble Creek Road P.O. Box 208

North Creek, NY 12853

Phone 518-251-4429

Facsimile 518-251-4428

April 20, 2010

Mark Flusche
Malcolm Pirnie, Inc.
855 Rt 146 Suite 210
Clifton Park, NY 12065

RE: Validation of Seneca Falls site Data Package-Groundwaters
TAL-CT SDG Nos. 220-11770-01

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-CT) that pertains to samples collected 3/22/10 through 3/25/10 at the Seneca Falls site. Seventeen aqueous samples and a field duplicate were analyzed for volatiles by USEPA method 8260B. Field and trip blanks were also processed.

Data validation was performed with guidance from the USEPA Region II validation SOP HW-6, the USEPA National Functional Guidelines for Organic Data Review, and the specific requirements of the analytical methodologies. The data packages were reviewed for the following items:

- * Data Completeness
- * Case Narrative
- * Custody Documentation
- * Holding Times
- * Surrogate Standard Recoveries
- * Matrix Spike Evaluations
- * Blind field duplicate correlations
- * Blank Contamination
- * Laboratory Control Samples (LCSs) and Matrix Spike Blanks (MSBs)
- * Calibration Standard Responses
- * Internal Standard Responses
- * Method Compliance
- * Sample Results Verification

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results of validated sample analytes are substantiated by the raw data, and generated in compliance with project requirements.

In summary, samples were generally processed in compliance with stated protocols. Sample results are usable either as reported or with minor qualification, with the exception of one compound in one of the samples, which is not usable due to an apparent matrix.

Copies of the sample identifications and laboratory case narratives are attached to this text, and should be reviewed in conjunction with this report. Also included are laboratory results forms with recommended qualifications applied in red ink.

Sample Receipt

Six of the samples were received by the laboratory three days following collection, beyond the allowable two days. A memorandum to the file should be made attesting to the custody and condition of those samples during that interim.

Data Package Completeness

The data package was resubmitted to correct the reported results for the blind duplicate sample, and to submit the appropriate associated analysis raw data for that sample. The initial package reported an analysis that had not been correctly evaluated; laboratory corrective action was performed.

VOA Analyses by EPA 8260B

Matrix spikes of MW-25 show acceptable accuracy and precision, with the exception of the lack of recovery of dichlorodifluoromethane, and sharply elevated recoveries for chloromethane (450% and 480%). Both compounds eluted with a large interference that caused the lack of ability to detect the former and the interference contribution to the latter. Results for dichlorodifluoromethane in the parent sample and its field duplicate are not usable. Chloromethane reported results in the parent sample (which shows no detection of that compound) are unaffected.

The blind field duplicate correlations of MW-25 are also acceptable.

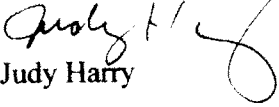
Calibration standard responses show responses within validation guidelines, with the exception that acetone shows a slightly low relative response factor. Results for that compound in the project samples have been qualified as estimated in value, with a potential slight low bias.

Surrogate and internal standard responses are acceptable, and holding times were met. Blanks show no contamination.

Some of the samples were processed at initial dilution due to high concentrations of target analytes. Reporting limits for non-detected analytes are therefore elevated in those samples.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,


Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.

J The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

UJ The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.

NJ The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.

R The data are unusable. The analyte may or may not be present.

EMPC The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

**CLIENT and LABORATORY SAMPLE IDs
and CASE NARRATIVE**

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-11770-1	BR-04	Water	03/22/2010 1635	03/25/2010 1000
220-11770-2	BR-05	Water	03/22/2010 1520	03/25/2010 1000
220-11770-3	MW-20	Water	03/22/2010 1715	03/25/2010 1000
220-11770-4	MW-29	Water	03/22/2010 1557	03/25/2010 1000
220-11770-5	MW-1	Water	03/22/2010 1506	03/25/2010 1000
220-11770-6	Field Blank	Water	03/23/2010 0830	03/25/2010 1000
220-11770-7	MW-21	Water	03/23/2010 1255	03/25/2010 1000
220-11770-8	MW-27	Water	03/23/2010 1636	03/25/2010 1000
220-11770-9	MW-25	Water	03/23/2010 1720	03/25/2010 1000
220-11770-9MS	MW-25	Water	03/23/2010 1720	03/25/2010 1000
220-11770-9MSD	MW-25	Water	03/23/2010 1720	03/25/2010 1000
220-11770-10	MW-X	Water	03/22/2010 1500	03/25/2010 1000
220-11770-11	MW-24	Water	03/24/2010 1200	03/25/2010 1000
220-11770-12	MW-22	Water	03/24/2010 1125	03/25/2010 1000
220-11770-13	MW-23	Water	03/24/2010 1240	03/25/2010 1000
220-11770-14	BR-01	Water	03/24/2010 1115	03/25/2010 1000
220-11770-15	BR-02	Water	03/24/2010 1030	03/25/2010 1000
220-11770-16	BR-03	Water	03/24/2010 1055	03/25/2010 1000
220-11770-17TB	TRIP BLANK	Water	03/24/2010 0000	03/25/2010 1000
220-11770-18	MW-26	Water	03/25/2010 1115	03/26/2010 0940
220-11770-19	BR-06	Water	03/25/2010 1240	03/26/2010 0940
220-11770-20	MW-28	Water	03/24/2010 1520	03/26/2010 0940
220-11770-21TB	TRIP BLANK	Water	03/25/2010 0000	03/26/2010 0940

Job Narrative
220-11770-1

Comments

This revision is submitted to report correct data for sample MW-X from lab file L2826. Incorrect data was initially submitted from lab file L2791.

Receipt

The following field QC sample was received at the laboratory without a sample collection time documented on the chain of custody: TRIP BLANK (220-11770-17). As a result, a sample collection time of 12:00am, on the date of collection, has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA

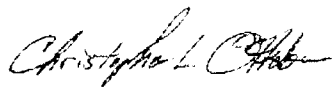
Method(s) 8260B: Dichlorodifluoromethane did not recover in the matrix spike / matrix spike duplicate (MS/MSD) for sample MW-25 (220-11770-9) and sample matrix is suspected. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Case Narrative for Job: 220-11770

Client: Malcolm Pirnie, Inc.
Date: April 13, 2010

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Christopher L. Otterbein
Laboratory Director

April 13, 2010

QUALIFIED SAMPLE RESULTS FORMS

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: BR-04

Lab Sample ID: 220-11770-1

Date Sampled: 03/22/2010 1635

Client Matrix: Water

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/29/2010 1814
Date Prepared: 03/29/2010 1814

Analysis Batch: 220-37068

Instrument ID: MSL
Lab File ID: L2786.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		65 - 136
4-Bromofluorobenzene	84		51 - 142
Dibromofluoromethane	100		68 - 132
Toluene-d8 (Surr)	95		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: BR-05

Lab Sample ID: 220-11770-2

Client Matrix: Water

Date Sampled: 03/22/2010 1520

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/29/2010 1838
Date Prepared: 03/29/2010 1838

Analysis Batch: 220-37068

Instrument ID: MSL
Lab File ID: L2787.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	3.2	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		65 - 136
4-Bromofluorobenzene	87		51 - 142
Dibromofluoromethane	100		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-20

Lab Sample ID: 220-11770-3

Client Matrix: Water

Date Sampled: 03/22/2010 1715

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/29/2010 1901
Date Prepared: 03/29/2010 1901

Analysis Batch: 220-37068

Instrument ID: MSL
Lab File ID: L2788.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>u5</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	1.0	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	97		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-29

Lab Sample ID: 220-11770-4

Client Matrix: Water

Date Sampled: 03/22/2010 1557

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/29/2010 1925
Date Prepared: 03/29/2010 1925

Analysis Batch: 220-37068

Instrument ID: MSL
Lab File ID: L2789.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	8.3		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		65 - 136
4-Bromofluorobenzene	83		51 - 142
Dibromofluoromethane	96		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-1

Lab Sample ID: 220-11770-5

Client Matrix: Water

Date Sampled: 03/22/2010 1506

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/29/2010 1949
Date Prepared: 03/29/2010 1949

Analysis Batch: 220-37068

Instrument ID: MSL
Lab File ID: L2790.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	1.2	J	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	1.5	J	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		65 - 136
4-Bromofluorobenzene	79		51 - 142
Dibromofluoromethane	95		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: Field Blank

Lab Sample ID: 220-11770-6

Date Sampled: 03/23/2010 0830

Client Matrix: Water

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/30/2010 1458
Date Prepared: 03/30/2010 1458

Analysis Batch: 220-37135

Instrument ID: MSL
Lab File ID: L2817.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>US</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		65 - 136
4-Bromofluorobenzene	90		51 - 142
Dibromofluoromethane	102		68 - 132
Toluene-d8 (Surr)	98		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-21

Lab Sample ID: 220-11770-7

Client Matrix: Water

Date Sampled: 03/23/2010 1255

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/30/2010 1546
Date Prepared: 03/30/2010 1546

Analysis Batch: 220-37135

Instrument ID: MSL
Lab File ID: L2819.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		65 - 136	
4-Bromofluorobenzene	79		51 - 142	
Dibromofluoromethane	99		68 - 132	
Toluene-d8 (Surr)	91		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-27

Lab Sample ID: 220-11770-8

Date Sampled: 03/23/2010 1636

Client Matrix: Water

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/30/2010 1610
Date Prepared: 03/30/2010 1610

Analysis Batch: 220-37135

Instrument ID: MSL
Lab File ID: L2820.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		65 - 136
4-Bromofluorobenzene	83		51 - 142
Dibromofluoromethane	97		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-25

Lab Sample ID: 220-11770-9

Client Matrix: Water

Date Sampled: 03/23/2010 1720

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 03/30/2010 1809
Date Prepared: 03/30/2010 1809

Analysis Batch: 220-37135

Instrument ID: MSL
Lab File ID: L2825.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	40	U <i>US</i>	4.1	40
Dichlorodifluoromethane	20	U <i>R</i>	4.0	20
Benzene	20	U	3.0	20
Bromodichloromethane	20	U	1.9	20
Bromoform	20	U	1.8	20
Bromomethane	20	U	8.5	20
Methyl Ethyl Ketone	40	U	4.4	40
Trichlorofluoromethane	20	U	4.4	20
Carbon disulfide	20	U	3.6	20
Carbon tetrachloride	20	U	4.3	20
Chlorobenzene	20	U	2.9	20
Chloroethane	20	U	4.2	20
Chloroform	20	U	2.7	20
Chloromethane	20	U	4.4	20
Dibromochloromethane	20	U	2.2	20
1,1-Dichloroethane	23		4.1	20
1,2-Dichloroethane	20	U	2.9	20
1,1-Dichloroethene	5.3	J	3.3	20
1,2-Dichloropropane	20	U	2.8	20
cis-1,3-Dichloropropene	20	U	1.1	20
trans-1,3-Dichloropropene	20	U	2.3	20
Ethylbenzene	20	U	3.5	20
2-Hexanone	40	U	4.4	40
Methylene Chloride	20	U	3.1	20
methyl isobutyl ketone	40	U	1.5	40
Styrene	20	U	2.6	20
1,1,2,2-Tetrachloroethane	20	U	3.2	20
Vinyl acetate	20	U	6.5	20
Tetrachloroethene	20	U	3.2	20
Toluene	20	U	2.9	20
1,1,1-Trichloroethane	20	U	2.8	20
1,1,2-Trichloroethane	20	U	2.6	20
Trichloroethene	13	J	2.5	20
Vinyl chloride	20	U	4.0	20
Xylenes, Total	20	U	9.1	20
cis-1,2-Dichloroethene	380		4.0	20
trans-1,2-Dichloroethene	20	U	3.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		65 - 136
4-Bromofluorobenzene	87		51 - 142
Dibromofluoromethane	102		68 - 132
Toluene-d8 (Surr)	97		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-X

Lab Sample ID: 220-11770-10

Client Matrix: Water

Date Sampled: 03/22/2010 1500

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 03/30/2010 1833
Date Prepared: 03/30/2010 1833

Analysis Batch: 220-37135

Instrument ID: MSL
Lab File ID: L2826.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	20	U <i>UT</i>	2.1	20
Dichlorodifluoromethane	10	U <i>R</i>	2.0	10
Benzene	10	U	1.5	10
Bromodichloromethane	10	U	0.96	10
Bromoform	10	U	0.92	10
Bromomethane	10	U	4.2	10
Methyl Ethyl Ketone	20	U	2.2	20
Trichlorofluoromethane	10	U	2.2	10
Carbon disulfide	10	U	1.8	10
Carbon tetrachloride	10	U	2.1	10
Chlorobenzene	10	U	1.4	10
Chloroethane	10	U	2.1	10
Chloroform	10	U	1.3	10
Chloromethane	10	U	2.2	10
Dibromochloromethane	10	U	1.1	10
1,1-Dichloroethane	23		2.1	10
1,2-Dichloroethane	10	U	1.4	10
1,1-Dichloroethene	4.7	J	1.7	10
1,2-Dichloropropane	10	U	1.4	10
cis-1,3-Dichloropropene	10	U	0.56	10
trans-1,3-Dichloropropene	10	U	1.1	10
Ethylbenzene	10	U	1.7	10
2-Hexanone	20	U	2.2	20
Methylene Chloride	10	U	1.6	10
methyl isobutyl ketone	20	U	0.76	20
Styrene	10	U	1.3	10
1,1,2,2-Tetrachloroethane	10	U	1.6	10
Vinyl acetate	10	U	3.3	10
Tetrachloroethene	10	U	1.6	10
Toluene	10	U	1.4	10
1,1,1-Trichloroethane	3.9	J	1.4	10
1,1,2-Trichloroethane	10	U	1.3	10
Trichloroethene	14		1.2	10
Vinyl chloride	2.1	J	2.0	10
Xylenes, Total	10	U	4.5	10
cis-1,2-Dichloroethene	380		2.0	10
trans-1,2-Dichloroethene	2.1	J	1.5	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	97		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-24

Lab Sample ID: 220-11770-11

Client Matrix: Water

Date Sampled: 03/24/2010 1200

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 250
Date Analyzed: 04/01/2010 1543
Date Prepared: 04/01/2010 1543

Analysis Batch: 220-37220

Instrument ID: MSL
Lab File ID: L2896.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2500	U <i>US</i>	260	2500
Dichlorodifluoromethane	1200	U	250	1200
Benzene	1200	U	180	1200
Bromodichloromethane	1200	U	120	1200
Bromoform	1200	U	120	1200
Bromomethane	1200	U	530	1200
Methyl Ethyl Ketone	2500	U	270	2500
Trichlorofluoromethane	1200	U	280	1200
Carbon disulfide	1200	U	220	1200
Carbon tetrachloride	1200	U	270	1200
Chlorobenzene	1200	U	180	1200
Chloroethane	1200	U	260	1200
Chloroform	1200	U	170	1200
Chloromethane	1200	U	270	1200
Dibromochloromethane	1200	U	140	1200
1,1-Dichloroethane	1200	U	260	1200
1,2-Dichloroethane	1200	U	180	1200
1,1-Dichloroethene	1200	U	210	1200
1,2-Dichloropropane	1200	U	180	1200
cis-1,3-Dichloropropene	1200	U	70	1200
trans-1,3-Dichloropropene	1200	U	140	1200
Ethylbenzene	1200	U	220	1200
2-Hexanone	2500	U	270	2500
Methylene Chloride	1200	U	200	1200
methyl isobutyl ketone	2500	U	95	2500
Styrene	1200	U	160	1200
1,1,2,2-Tetrachloroethane	1200	U	200	1200
Vinyl acetate	1200	U	410	1200
Tetrachloroethene	1200	U	200	1200
Toluene	1200	U	180	1200
1,1,1-Trichloroethane	1200	U	170	1200
1,1,2-Trichloroethane	1200	U	160	1200
Trichloroethene	850	J	160	1200
Vinyl chloride	1000	J	250	1200
Xylenes, Total	1200	U	570	1200
cis-1,2-Dichloroethene	27000		250	1200
trans-1,2-Dichloroethene	1200	U	190	1200
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		65 - 136	
4-Bromofluorobenzene	80		51 - 142	
Dibromofluoromethane	94		68 - 132	
Toluene-d8 (Surr)	90		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-22

Lab Sample ID: 220-11770-12

Date Sampled: 03/24/2010 1125

Client Matrix: Water

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1442
Date Prepared: 03/31/2010 1442

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2854.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>WJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	8.6		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	6.7		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		65 - 136
4-Bromofluorobenzene	84		51 - 142
Dibromofluoromethane	97		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-23

Lab Sample ID: 220-11770-13

Date Sampled: 03/24/2010 1240

Client Matrix: Water

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 25
Date Analyzed: 04/01/2010 1520
Date Prepared: 04/01/2010 1520

Analysis Batch: 220-37220

Instrument ID: MSL
Lab File ID: L2895.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	250	U <i>UJ</i>	26	250
Dichlorodifluoromethane	120	U	25	120
Benzene	120	U	18	120
Bromodichloromethane	120	U	12	120
Bromoform	120	U	12	120
Bromomethane	120	U	53	120
Methyl Ethyl Ketone	250	U	27	250
Trichlorofluoromethane	120	U	28	120
Carbon disulfide	120	U	22	120
Carbon tetrachloride	120	U	27	120
Chlorobenzene	120	U	18	120
Chloroethane	120	U	26	120
Chloroform	120	U	17	120
Chloromethane	120	U	27	120
Dibromochloromethane	120	U	14	120
1,1-Dichloroethane	120	U	26	120
1,2-Dichloroethane	120	U	18	120
1,1-Dichloroethene	120	U	21	120
1,2-Dichloropropane	120	U	18	120
cis-1,3-Dichloropropene	120	U	7.0	120
trans-1,3-Dichloropropene	120	U	14	120
Ethylbenzene	120	U	22	120
2-Hexanone	250	U	27	250
Methylene Chloride	120	U	20	120
methyl isobutyl ketone	250	U	9.5	250
Styrene	120	U	16	120
1,1,2,2-Tetrachloroethane	120	U	20	120
Vinyl acetate	120	U	41	120
Tetrachloroethene	120	U	20	120
Toluene	120	U	18	120
1,1,1-Trichloroethane	120	U	17	120
1,1,2-Trichloroethane	120	U	16	120
Trichloroethene	2700		16	120
Vinyl chloride	120	U	25	120
Xylenes, Total	120	U	57	120
cis-1,2-Dichloroethene	93	J	25	120
trans-1,2-Dichloroethene	120	U	19	120

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		65 - 136
4-Bromofluorobenzene	80		51 - 142
Dibromofluoromethane	97		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: BR-01

Lab Sample ID: 220-11770-14

Client Matrix: Water

Date Sampled: 03/24/2010 1115

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1506
Date Prepared: 03/31/2010 1506

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2855.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>CS</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	95		68 - 132
Toluene-d8 (Surr)	90		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: BR-02

Lab Sample ID: 220-11770-15

Date Sampled: 03/24/2010 1030

Client Matrix: Water

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1530
Date Prepared: 03/31/2010 1530

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2856.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	96		68 - 132
Toluene-d8 (Surr)	89		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: BR-03

Lab Sample ID: 220-11770-16

Date Sampled: 03/24/2010 1055

Client Matrix: Water

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1554
Date Prepared: 03/31/2010 1554

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2857.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	87		51 - 142
Dibromofluoromethane	98		68 - 132
Toluene-d8 (Surr)	90		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 220-11770-17TB

Client Matrix: Water

Date Sampled: 03/24/2010 0000

Date Received: 03/25/2010 1000

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1418
Date Prepared: 03/31/2010 1418

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2853.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>LS</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	95		68 - 132
Toluene-d8 (Surr)	90		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-26

Lab Sample ID: 220-11770-18

Date Sampled: 03/25/2010 1115

Client Matrix: Water

Date Received: 03/26/2010 0940

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/01/2010 1456
Date Prepared: 04/01/2010 1456

Analysis Batch: 220-37220

Instrument ID: MSL
Lab File ID: L2894.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>uJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.2	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	83		0.62	5.0
Vinyl chloride	9.5		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	140		0.99	5.0
trans-1,2-Dichloroethene	1.4	J	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	100		68 - 132
Toluene-d8 (Surr)	94		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: BR-06

Lab Sample ID: 220-11770-19

Date Sampled: 03/25/2010 1240

Client Matrix: Water

Date Received: 03/26/2010 0940

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1618
Date Prepared: 03/31/2010 1618

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2858.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	9.8		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	2.6	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		65 - 136
4-Bromofluorobenzene	84		51 - 142
Dibromofluoromethane	99		68 - 132
Toluene-d8 (Surr)	95		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: MW-28

Lab Sample ID: 220-11770-20

Client Matrix: Water

Date Sampled: 03/24/2010 1520

Date Received: 03/26/2010 0940

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1641
Date Prepared: 03/31/2010 1641

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2859.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UT</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		65 - 136
4-Bromofluorobenzene	79		51 - 142
Dibromofluoromethane	95		68 - 132
Toluene-d8 (Surr)	88		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-11770-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 220-11770-21TB

Client Matrix: Water

Date Sampled: 03/25/2010 0000

Date Received: 03/26/2010 0940

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2010 1705
Date Prepared: 03/31/2010 1705

Analysis Batch: 220-37175

Instrument ID: MSL
Lab File ID: L2860.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>uJ</i>	1.0	10
Dichlorodifluoromethane	5.0	U	1.0	5.0
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Trichlorofluoromethane	5.0	U	1.1	5.0
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Vinyl acetate	5.0	U	1.6	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		65 - 136
4-Bromofluorobenzene	78		51 - 142
Dibromofluoromethane	94		68 - 132
Toluene-d8 (Surr)	90		63 - 127