



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

December 22, 2009

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: *September 2009 Semi-Annual Groundwater Sampling Event*

Dear Mr. Condon:

Attached are the results of the September 2009 semi-annual groundwater sampling at the Former Philips Display Components Facility in Seneca Falls, New York (Site).

Volatile organic compounds (VOCs), primarily trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride continue to be detected in groundwater at the Site.

The next semi-annual groundwater sampling event is tentatively scheduled for the week of March 22, 2010.

If you have any questions concerning this letter, please do not hesitate to call me. I can be reached at (908) 559-3691.

Sincerely,

Pam Cox /MAF

Pam Cox
Manager – Corporate Workplace Safety &
Environmental Compliance

ATTACHMENTS

Attachment A – March 2009 Groundwater Sampling Event Results Summary

Attachment B – Figures

Attachment C – Tables

Attachment D – Data Validation Report

cc:

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NYS Dept of Environmental Conservation
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290 Broadway, 22nd Floor
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Mr. Michael Hanna
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Fairport, NY 14450

Ms. Marzi Sharfaei
Malcolm Pirnie, Inc.
1515 E. Woodfield Road, Suite 360
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Ms. Melissa A. Menetti
New York State Department of Health
547 River Street
Troy, NY 12180

Attachment A
September 2009 Groundwater Sampling Event Results Summary

On September 21 through 25, 2009 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 from the wells or they 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 (POTW).

The groundwater and quality assurance/quality control (QA/QC) samples (one trip blank, one equipment blank, and one duplicate from MW-25) were shipped overnight to TestAmerica Laboratories, Inc. (TestAmerica) of Shelton, Connecticut and analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) 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 and the data are usable as reported, or usable with minor qualification.

Table 1 provides groundwater levels. Tables 2 and 3 provide laboratory analytical results. Concentrations of VOCs in the September 2009 samples were compared to the NYSDEC Class GA Standards.

- Trichloroethene (TCE) and/or *cis*-1,2-dichloroethene (*cis*-1,2-DCE) were reported at concentrations greater than the NYSDEC Class GA Standard of 5 micrograms per liter (µg/l) in samples from monitoring wells MW-22 through MW-26¹, MW-28, MW-29, and MW-BR-06 .
- Vinyl chloride was reported in samples from monitoring wells MW-20, MW-24, and MW-26 at concentrations greater than the NYSDEC Class GA Standard of 2 µg/l.
- 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 concentrations greater than the NYSDEC Class GA Standard of 5 µg/l.
- 1,1,1-trichloroethane and 1,1-DCA were reported in the sample from monitoring well MW-1 at concentrations greater than the 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.

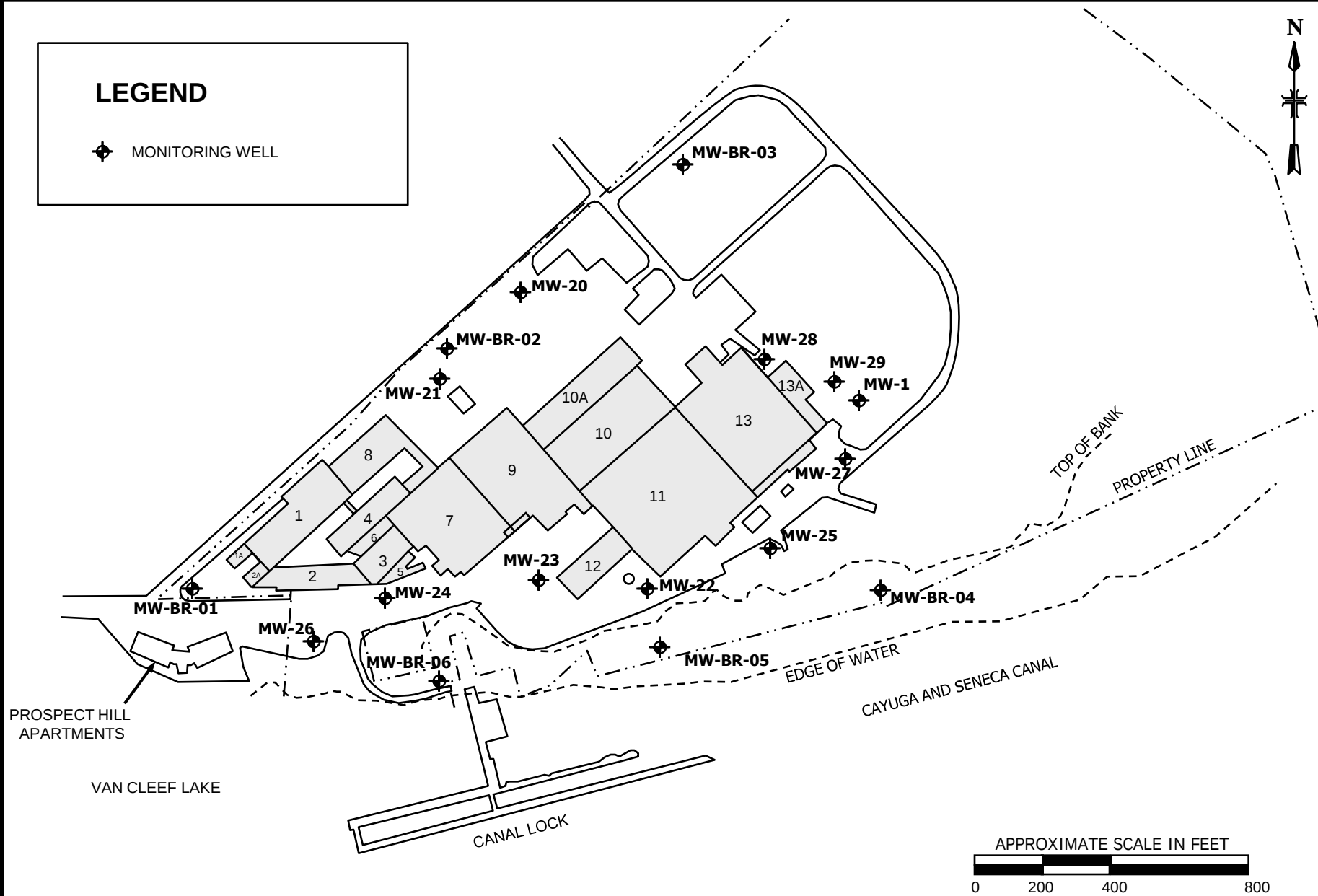
VOC concentrations in groundwater fluctuate but are generally stable or decreasing.

¹ Samples from MW-23 through MW-26 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

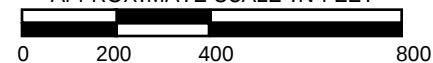


PROSPECT HILL
APARTMENTS

VAN CLEEF LAKE

CANAL LOCK

APPROXIMATE SCALE IN FEET



**MALCOLM
PIRNIE**

FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

MONITORING WELL LOCATIONS

FIGURE 1

Attachment C
Tables

Table 1
Depth to Water Measurements (September 21, 2009)
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	12.58	448.25
MW-20	463.42	2.06	461.36
MW-21	467.39	3.57	463.82
MW-22	460.77	6.22	454.55
MW-23	460.59	2.65	457.94
MW-24	462.76	3.48	459.28
MW-25	460.74	5.51	455.23
MW-26	458.80	6.98	451.82
MW-27	460.45	8.91	451.54
MW-28	461.26	8.71	452.55
MW-29	459.89	10.86	449.03
MW-BR-01	462.64	34.17	428.47
MW-BR-02	467.87	38.42	429.45
MW-BR-03	457.06	86.76	370.30
MW-BR-04	396.39	--	Artesian
MW-BR-05	401.34	19.19	382.15
MW-BR-06	436.30	34.22	402.08

Note:

AMSL - Above mean sea level

Table 2
Groundwater Monitoring Results (September 2009)
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	5.6	5.0 U	5.0 U	5.0 U	120 U	2000 U	50 U	50 U	20 U	5.0 U	0.73 J	5.0 U
1,1,2,2-Tetrachloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	6.3	5.0 U	5.0 U	5.0 U	120 U	2000 U	30 J	32 J	20 U	5.0 U	5.0 U	1.1 J
1,1-Dichloroethene	5	0.92 J	5.0 U	5.0 U	5.0 U	120 U	2000 U	8.8 J	10 J	20 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	120 U	2000 U*	50 U	50 U*	20 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	2000 U	50 U	50 U	20 U	5.0 U	5.0 U	5.0 U
2-Butanone (MEK)	50	10 U	10 U	10 U	10 U	250 U	4000 U	100 U	100 U	40 U	10 U	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U	10 U	250 U	4000 U	100 U	100 U	40 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	5	10 U	10 U	10 U	10 U	250 U	4000 U	100 U	100 U	40 U	10 U	10 U	10 U
Acetone	50	10 U	10 U	10 U	10 U	10 U	4000 U*	100 U	100 U*	40 U	10 U	10 U	10 U
Benzene	1	5.0 U	5.0 U	5.0 U	5.0 U	120 U	2000 U	50 U	50 U	20 U	5.0 U	5.0 U	0.97 J
Bromodichloromethane	50	5.0 U	5.0 U	5.0 U	5.0 U	120 U	2000 U	50 U	50 U	20 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	2000 U*	50 U	50 U*	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	15	100 J	23000	530	560	240	5.0 U	5.0 U	8.1
cis-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	120 U	2000 U	50 U	50 U	20 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	2000 U*	50 U	50 U*	20 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*	2000 U*	50 U*	50 U*	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 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	120 U	2000 U	50 U	50 U	20 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	15	2300	500 J	19 J	18 J	130	5.0 U	10	5.0 U
Trichlorofluoromethane	5	5.0 U	5.0 U*	5.0 U*	5.0 U	120 U	2000 U	50 U	50 U	20 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	2000 U	50 U	50 U	20 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	6.8	5.0 U	1.7 J	120 U	4200	50 U	50 U	13 J	5.0 U	5.0 U	1.8 J
Xylenes, Total	5	5.0 U	5.0 U	5.0 U	5.0 U	120 U	2000 U	50 U	50 U	20 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

* - Laboratory control standard or its duplicate exceeds the control limits

B - The analyte was found in an associated blank, as well as in the sample

Table 3
Groundwater Monitoring Results (September 2009)
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
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
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
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
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
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
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
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
2-Butanone (MEK)	50	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
4-Methyl-2-pentanone (MIBK)	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.2 J
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
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
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
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
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
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
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
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
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
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
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.4 J	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
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
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*
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
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
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
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
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
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
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
Trichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	15	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
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
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
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

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

* - Laboratory control standard or its duplicate exceeds the cc

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

October 17, 2009

Mark Flusche
Malcolm Pirnie, Inc.
43 British American Blvd.
Latham, NY 12110

RE: Validation of Seneca Falls site Data Package-Groundwaters
TAL-CT SDG No. 220-10230

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-CT) that pertains to samples collected 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 as reported, with the exception that some of the volatile detections are considered as external contamination, and are edited to reflect non-detection.

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

Samples were received by the laboratory up to five days following collection (shipped up to four days after collection), beyond the allowable two days. A memorandum to the file should be made attesting to the custody and condition of the samples during that interim.

VOA Analyses by EPA 8260B

Due to presence in associated trip blank, the detected results for acetone in BR01, BR03, BR05, BR06, MW-20, MW-21, MW-22, and MW-23 are considered external contamination. Those detections have been edited to reflect non-detection.

The LCSs exhibited outlying elevated recoveries for several analytes not detected in the samples. Qualification is indicated.

Matrix spikes of MW-25 show acceptable accuracy and precision, and the blind field duplicate correlations of MW-25 are also acceptable.

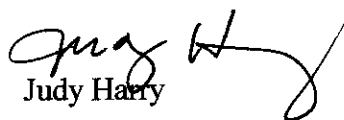
Calibration standard responses show responses within validation guidelines.

Surrogate and internal standard responses are acceptable, and holding times were met.

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 compound was analyzed for, but was not detected above the level of the associated value.
- J -** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ -** The compound was not detected. The associated reporting 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: 220-10230-1

Sdg Number: 220-10230

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-10230-1TB	TRIP BLANK	Water	09/21/2009 0000	09/26/2009 1010
220-10230-2	MW-1	Water	09/21/2009 1600	09/26/2009 1010
220-10230-3	MW-27	Water	09/21/2009 1620	09/26/2009 1010
220-10230-4	BR-01	Water	09/24/2009 1045	09/26/2009 1010
220-10230-5	BR-02	Water	09/24/2009 1050	09/26/2009 1010
220-10230-6	BR-03	Water	09/24/2009 1055	09/26/2009 1010
220-10230-7	MW-20	Water	09/24/2009 1150	09/26/2009 1010
220-10230-8	MW-21	Water	09/24/2009 1330	09/26/2009 1010
220-10230-9	MW-22	Water	09/24/2009 1705	09/26/2009 1010
220-10230-10	MW-23	Water	09/23/2009 1418	09/26/2009 1010
220-10230-11	MW-24	Water	09/23/2009 1420	09/26/2009 1010
220-10230-12	MW-25	Water	09/24/2009 1720	09/26/2009 1010
220-10230-12MS	MW-25	Water	09/24/2009 1720	09/26/2009 1010
220-10230-12MSD	MW-25	Water	09/24/2009 1720	09/26/2009 1010
220-10230-13	MW-26	Water	09/25/2009 1230	09/26/2009 1010
220-10230-14	MW-28	Water	09/24/2009 1320	09/26/2009 1010
220-10230-15	MW-29	Water	09/24/2009 1700	09/26/2009 1010
220-10230-16	BR-04	Water	09/25/2009 1022	09/26/2009 1010
220-10230-17	BR-05	Water	09/25/2009 0940	09/26/2009 1010
220-10230-18	BR-06	Water	09/25/2009 1152	09/26/2009 1010
220-10230-19	DUPLICATE	Water	09/24/2009 0000	09/26/2009 1010
220-10230-20	FB092309	Water	09/23/2009 1030	09/26/2009 1010

Job Narrative
220-J10230-1

Comments

No additional comments.

Receipt

The following field QC samples were received at the laboratory without sample collection times documented on the chain of custody: DUPLICATE (220-10230-19), TRIP BLANK (220-10230-1). 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: The laboratory control sample (LCS) for batch 32073 recoveries were above the control limit for the following analytes: Acetone, dichlorodifluoromethane, bromoform, 1,2-dichloroethane, and bromodichloromethane. Acetone, dichlorodifluoromethane, and bromoform, have been identified as a poor performing analyte when analyzed using this method.

No other analytical or quality issues were noted.

Case Narrative for Job: 220-10230

Client: MPI
Date: October 13, 2009

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.



Lawrence Decker
Laboratory Director

October 13, 2009

Date

QUALIFIED SAMPLE RESULTS FORMS

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Connecticut</u>	Job No.: <u>220-10230-1</u>
SDG No.: <u>220-10230</u>	
Client Sample ID: <u>TRIP BLANK</u>	Lab Sample ID: <u>220-10230-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>W8549.D</u>
Analysis Method: <u>8260B</u>	Date Collected: <u>09/21/2009 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/05/2009 12:03</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-VMS</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>32069</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.2	J	10	1.0
75-71-8	Dichlorodifluoromethane	5.0	U *	5.0	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-69-4	Trichlorofluoromethane	5.0	U	5.0	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
108-05-4	Vinyl acetate	5.0	U	5.0	1.6
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-10230-1
 SDG No.: 220-10230
 Client Sample ID: TRIP BLANK Lab Sample ID: 220-10230-1
 Matrix: Water Lab File ID: W8549.D
 Analysis Method: 8260B Date Collected: 09/21/2009 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/05/2009 12:03
 Soil Aliquot Vol.: Dilution Factor: 1
 Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18 (mm)
 % Moisture: Level: (low/med) Low
 Analysis Batch No.: 32069 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116	65-136	
460-00-4	4-Bromofluorobenzene	92	51-142	
1868-53-7	Dibromofluoromethane	110	68-132	
2037-26-5	Toluene-d8 (Surr)	95	63-127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-1

Lab Sample ID: 220-10230-2

Client Matrix: Water

Date Sampled: 09/21/2009 1600

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/05/2009 1228
Date Prepared: 10/05/2009 1228

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8550.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	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	6.3		1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	0.92	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	5.6		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)	118		65 - 136	
4-Bromofluorobenzene	96		51 - 142	
Dibromofluoromethane	109		68 - 132	
Toluene-d8 (Surr)	97		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-27

Lab Sample ID: 220-10230-3

Date Sampled: 09/21/2009 1620

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/05/2009 1254
Date Prepared: 10/05/2009 1254

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8551.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	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)	117		65 - 136	
4-Bromofluorobenzene	93		51 - 142	
Dibromofluoromethane	108		68 - 132	
Toluene-d8 (Surr)	96		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: BR-01

Lab Sample ID: 220-10230-4

Date Sampled: 09/24/2009 1045

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2009 1935
Date Prepared: 10/02/2009 1935

Analysis Batch: 220-31913

Instrument ID: MSW
Lab File ID: W8527.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10 1.4	U <i>U</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)	119		65 - 136	
4-Bromofluorobenzene	93		51 - 142	
Dibromofluoromethane	109		68 - 132	
Toluene-d8 (Surr)	97		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: BR-02

Lab Sample ID: 220-10230-5

Date Sampled: 09/24/2009 1050

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2009 1959
Date Prepared: 10/02/2009 1959

Analysis Batch: 220-31913

Instrument ID: MSW
Lab File ID: W8528.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	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)	120		65 - 136	
4-Bromofluorobenzene	96		51 - 142	
Dibromofluoromethane	109		68 - 132	
Toluene-d8 (Surr)	96		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: BR-03

Lab Sample ID: 220-10230-6

Client Matrix: Water

Date Sampled: 09/24/2009 1055

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2009 2025
Date Prepared: 10/02/2009 2025

Analysis Batch: 220-31913

Instrument ID: MSW
Lab File ID: W8529.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10.11	U	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)	121		65 - 136	
4-Bromofluorobenzene	99		51 - 142	
Dibromofluoromethane	109		68 - 132	
Toluene-d8 (Surr)	98		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-20

Lab Sample ID: 220-10230-7

Client Matrix: Water

Date Sampled: 09/24/2009 1150

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2009 2049
Date Prepared: 10/02/2009 2049

Analysis Batch: 220-31913

Instrument ID: MSW
Lab File ID: W8530.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10 1.6	U	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	6.8		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)	118		65 - 136	
4-Bromofluorobenzene	94		51 - 142	
Dibromofluoromethane	108		68 - 132	
Toluene-d8 (Surr)	97		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-21

Lab Sample ID: 220-10230-8

Date Sampled: 09/24/2009 1330

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2009 2115
Date Prepared: 10/02/2009 2115

Analysis Batch: 220-31913

Instrument ID: MSW
Lab File ID: W8531.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10 1.8	U <i>ce</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)	120		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	109		68 - 132
Toluene-d8 (Surr)	95		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-22

Lab Sample ID: 220-10230-9

Client Matrix: Water

Date Sampled: 09/24/2009 1705

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/05/2009 1435
Date Prepared: 10/05/2009 1435

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8555.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10 11	U U	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	15		0.62	5.0
Vinyl chloride	1.7	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	15		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)	116		65 - 136	
4-Bromofluorobenzene	94		51 - 142	
Dibromofluoromethane	110		68 - 132	
Toluene-d8 (Surr)	97		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-23

Lab Sample ID: 220-10230-10

Date Sampled: 09/23/2009 1418

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 25
Date Analyzed: 10/05/2009 1844
Date Prepared: 10/05/2009 1844

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8565.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10 28	U U	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	2300		16	120
Vinyl chloride	120	U	25	120
Xylenes, Total	120	U	57	120
cis-1,2-Dichloroethene	100	J	25	120
trans-1,2-Dichloroethene	120	U	19	120

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	108		68 - 132
Toluene-d8 (Surr)	98		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-24

Lab Sample ID: 220-10230-11

Date Sampled: 09/23/2009 1420

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 400
Date Analyzed: 10/06/2009 1526
Date Prepared: 10/06/2009 1526

Analysis Batch: 220-32073

Instrument ID: MSW
Lab File ID: W8599.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4000	U *	410	4000
Dichlorodifluoromethane	2000	U *	400	2000
Benzene	2000	U	300	2000
Bromodichloromethane	2000	U	190	2000
Bromoform	2000	U *	180	2000
Bromomethane	2000	U	850	2000
Methyl Ethyl Ketone	4000	U	440	4000
Trichlorofluoromethane	2000	U	440	2000
Carbon disulfide	2000	U	360	2000
Carbon tetrachloride	2000	U	430	2000
Chlorobenzene	2000	U	290	2000
Chloroethane	2000	U	420	2000
Chloroform	2000	U	270	2000
Chloromethane	2000	U	440	2000
Dibromochloromethane	2000	U *	220	2000
1,1-Dichloroethane	2000	U	410	2000
1,2-Dichloroethane	2000	U *	290	2000
1,1-Dichloroethene	2000	U	330	2000
1,2-Dichloropropane	2000	U	280	2000
cis-1,3-Dichloropropene	2000	U	110	2000
trans-1,3-Dichloropropene	2000	U	230	2000
Ethylbenzene	2000	U	350	2000
2-Hexanone	4000	U	440	4000
Methylene Chloride	2000	U	310	2000
methyl isobutyl ketone	4000	U	150	4000
Styrene	2000	U	260	2000
1,1,2,2-Tetrachloroethane	2000	U	320	2000
Vinyl acetate	2000	U	650	2000
Tetrachloroethene	2000	U	320	2000
Toluene	2000	U	290	2000
1,1,1-Trichloroethane	2000	U	280	2000
1,1,2-Trichloroethane	2000	U	260	2000
Trichloroethene	500	J	250	2000
Vinyl chloride	4200		400	2000
Xylenes, Total	2000	U	910	2000
cis-1,2-Dichloroethene	23000		400	2000
trans-1,2-Dichloroethene	2000	U	300	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		65 - 136
4-Bromofluorobenzene	93		51 - 142
Dibromofluoromethane	108		68 - 132
Toluene-d8 (Surr)	96		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-25

Lab Sample ID: 220-10230-12

Client Matrix: Water

Date Sampled: 09/24/2009 1720

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 10/05/2009 1731
Date Prepared: 10/05/2009 1731

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8562.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	100	U	10	100
Dichlorodifluoromethane	50	U *	10	50
Benzene	50	U	7.4	50
Bromodichloromethane	50	U	4.8	50
Bromoform	50	U	4.6	50
Bromomethane	50	U	21	50
Methyl Ethyl Ketone	100	U	11	100
Trichlorofluoromethane	50	U	11	50
Carbon disulfide	50	U	9.0	50
Carbon tetrachloride	50	U	11	50
Chlorobenzene	50	U	7.2	50
Chloroethane	50	U	11	50
Chloroform	50	U	6.7	50
Chloromethane	50	U	11	50
Dibromochloromethane	50	U	5.5	50
1,1-Dichloroethane	30	J	10	50
1,2-Dichloroethane	50	U	7.2	50
1,1-Dichloroethene	8.8	J	8.3	50
1,2-Dichloropropane	50	U	7.1	50
cis-1,3-Dichloropropene	50	U	2.8	50
trans-1,3-Dichloropropene	50	U	5.7	50
Ethylbenzene	50	U	8.7	50
2-Hexanone	100	U	11	100
Methylene Chloride	50	U	7.8	50
methyl isobutyl ketone	100	U	3.8	100
Styrene	50	U	6.4	50
1,1,2,2-Tetrachloroethane	50	U	8.1	50
Vinyl acetate	50	U	16	50
Tetrachloroethene	50	U	8.1	50
Toluene	50	U	7.2	50
1,1,1-Trichloroethane	50	U	6.9	50
1,1,2-Trichloroethane	50	U	6.5	50
Trichloroethene	19	J	6.2	50
Vinyl chloride	50	U	9.9	50
Xylenes, Total	50	U	23	50
cis-1,2-Dichloroethene	530		9.9	50
trans-1,2-Dichloroethene	50	U	7.6	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	109		68 - 132
Toluene-d8 (Surr)	97		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-26

Lab Sample ID: 220-10230-13

Client Matrix: Water

Date Sampled: 09/25/2009 1230

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B

Analysis Batch: 220-32069

Instrument ID: MSW

Preparation: 5030B

Lab File ID: W8563.D

Dilution: 4.0

Initial Weight/Volume: 5 mL

Date Analyzed: 10/05/2009 1756

Final Weight/Volume: 5 mL

Date Prepared: 10/05/2009 1756

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	40	U	4.1	40
Dichlorodifluoromethane	20	U *	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	20	U	4.1	20
1,2-Dichloroethane	20	U	2.9	20
1,1-Dichloroethene	20	U	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	130		2.5	20
Vinyl chloride	13	J	4.0	20
Xylenes, Total	20	U	9.1	20
cis-1,2-Dichloroethene	240		4.0	20
trans-1,2-Dichloroethene	20	U	3.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		65 - 136
4-Bromofluorobenzene	95		51 - 142
Dibromofluoromethane	110		68 - 132
Toluene-d8 (Surr)	95		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-28

Lab Sample ID: 220-10230-14

Client Matrix: Water

Date Sampled: 09/24/2009 1320

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B	Analysis Batch: 220-32069	Instrument ID: MSW
Preparation: 5030B		Lab File ID: W8571.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 10/05/2009 2115		Final Weight/Volume: 5 mL
Date Prepared: 10/05/2009 2115		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	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	0.73	J	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	10		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)	126		65 - 136
4-Bromofluorobenzene	93		51 - 142
Dibromofluoromethane	115		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: MW-29

Lab Sample ID: 220-10230-15

Client Matrix: Water

Date Sampled: 09/24/2009 1700

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/05/2009 2140
Date Prepared: 10/05/2009 2140

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8572.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Dichlorodifluoromethane	5.0	U *	1.0	5.0
Benzene	0.97	J	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	1.1	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	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	1.8	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	8.1		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)	121		65 - 136	
4-Bromofluorobenzene	94		51 - 142	
Dibromofluoromethane	111		68 - 132	
Toluene-d8 (Surr)	94		63 - 127	

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: BR-04

Lab Sample ID: 220-10230-16

Date Sampled: 09/25/2009 1022

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B	Analysis Batch: 220-32069	Instrument ID: MSW
Preparation: 5030B		Lab File ID: W8567.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 10/05/2009 1934		Final Weight/Volume: 5 mL
Date Prepared: 10/05/2009 1934		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	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)	120		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	112		68 - 132
Toluene-d8 (Surr)	95		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: BR-05

Lab Sample ID: 220-10230-17

Client Matrix: Water

Date Sampled: 09/25/2009 0940

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/05/2009 1959
Date Prepared: 10/05/2009 1959

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8568.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10 32	U * A	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)	120		65 - 136
4-Bromofluorobenzene	94		51 - 142
Dibromofluoromethane	113		68 - 132
Toluene-d8 (Surr)	97		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: BR-06

Lab Sample ID: 220-10230-18

Date Sampled: 09/25/2009 1152

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method:	8260B	Analysis Batch:	220-32069	Instrument ID:	MSW
Preparation:	5030B			Lab File ID:	W8569.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	10/05/2009 2024			Final Weight/Volume:	5 mL
Date Prepared:	10/05/2009 2024				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10 28	S*U	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	15		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	2.4	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)	120		65 - 136
4-Bromofluorobenzene	93		51 - 142
Dibromofluoromethane	111		68 - 132
Toluene-d8 (Surr)	97		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: **DUPLICATE**

Lab Sample ID: 220-10230-19

Date Sampled: 09/24/2009 0000

Client Matrix: Water

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 10/06/2009 1550
Date Prepared: 10/06/2009 1550

Analysis Batch: 220-32073

Instrument ID: MSW
Lab File ID: W8600.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	100	U *	10	100
Dichlorodifluoromethane	50	U *	10	50
Benzene	50	U	7.4	50
Bromodichloromethane	50	U	4.8	50
Bromoform	50	U *	4.6	50
Bromomethane	50	U	21	50
Methyl Ethyl Ketone	100	U	11	100
Trichlorofluoromethane	50	U	11	50
Carbon disulfide	50	U	9.0	50
Carbon tetrachloride	50	U	11	50
Chlorobenzene	50	U	7.2	50
Chloroethane	50	U	11	50
Chloroform	50	U	6.7	50
Chloromethane	50	U	11	50
Dibromochloromethane	50	U *	5.5	50
1,1-Dichloroethane	32	J	10	50
1,2-Dichloroethane	50	U *	7.2	50
1,1-Dichloroethene	10	J	8.3	50
1,2-Dichloropropane	50	U	7.1	50
cis-1,3-Dichloropropene	50	U	2.8	50
trans-1,3-Dichloropropene	50	U	5.7	50
Ethylbenzene	50	U	8.7	50
2-Hexanone	100	U	11	100
Methylene Chloride	50	U	7.8	50
methyl isobutyl ketone	100	U	3.8	100
Styrene	50	U	6.4	50
1,1,2,2-Tetrachloroethane	50	U	8.1	50
Vinyl acetate	50	U	16	50
Tetrachloroethene	50	U	8.1	50
Toluene	50	U	7.2	50
1,1,1-Trichloroethane	50	U	6.9	50
1,1,2-Trichloroethane	50	U	6.5	50
Trichloroethene	18	J	6.2	50
Vinyl chloride	50	U	9.9	50
Xylenes, Total	50	U	23	50
cis-1,2-Dichloroethene	560		9.9	50
trans-1,2-Dichloroethene	50	U	7.6	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	109		68 - 132
Toluene-d8 (Surr)	98		63 - 127

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-10230-1

Sdg Number: 220-10230

Client Sample ID: FB092309

Lab Sample ID: 220-10230-20

Client Matrix: Water

Date Sampled: 09/23/2009 1030

Date Received: 09/26/2009 1010

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/05/2009 2049
Date Prepared: 10/05/2009 2049

Analysis Batch: 220-32069

Instrument ID: MSW
Lab File ID: W8570.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	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)	119		65 - 136
4-Bromofluorobenzene	93		51 - 142
Dibromofluoromethane	112		68 - 132
Toluene-d8 (Surr)	96		63 - 127