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23 May 2003
File No. 70665-009

Frank Sowers, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Rd.
Avon, NY 14414

Subject: Coopervision – **1st Quarterly Progress Report**
711 North Road
Scottsville, NY

Dear Mr. Sowers:

This letter is the first quarterly progress report as required by the Voluntary Cleanup Agreement (VCA) between Coopervision, Inc. and the New York State DEC for the period of remediation operation and maintenance. This report covers the quarterly period of January through March 2003. The project status update is intended to meet the requirements of Section II of the VCA. This report comprises the first quarterly sampling report associated with site monitoring as agreed with NYSDEC on 10 January 2003, replacing the monthly status reports identified in Section II of the VCA.

Activities Performed During Past Quarter: Groundwater samples were collected and analyzed for VOCs and metabolic acids during January. This sampling event was in addition to the Revised Remediation Groundwater Schedule that was submitted to the NYSDEC in August 2002 (approval received from NYSDEC in August 2002). The additional sampling was performed by the Volunteer due to the encouraging results of the October 2002 event. NYSDEC was notified of the sampling by e-mail on 14 January 2003 in accordance with the VCA requirement for notice in advance of field work. The analytical results of the January sampling are attached.

Results of Sampling to Date: This report includes the results of the VOC and metabolic acid analyses from the 27-29 January 2003 event. Updated summary tables, associated time series charts, and laboratory analytical reports are also attached.

The results of the latest data set indicate an overall decrease in site contaminant concentrations and support the site model that low permeability subsurface conditions are causing what appears to be a time-lag of biodegradation. HRC continues to liberate hydrogen as evidenced by increases in metabolic acid trends.

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The following describe specific results:

- Recent data indicate a slight overall decrease in VOCs in the source area. January 2003 data indicate 1,1,1-TCA is non-detect in MW-401 (deep well). VOC concentrations in the source area remain stable with respect to time.

- Decreased levels of 1,1,1-TCA and increased levels of 1,1-DCA were detected at mid-gradient wells MW-3 (also detectable concentrations of chloroethane at MW-3) and MW-502. These data indicate that degradation is occurring through the expected sequence of daughter products.

- Decreased levels of 1,1,1-TCA, 1,1-DCA, and 1,1-DCE were observed at mid-gradient well MW-2.

- Increasing metabolic acid concentration trends were observed in wells MW-501, MW-502 and MW-205. This indicates the injected substrate (HRC) continues to stimulate generation of the range of desired metabolic acids, in turn indicating liberation of hydrogen as needed for reductive dechlorination.

Please note that the enclosed tables represent all data as reported from the lab in concentration format (mg/L), however on the time-trend graphs concentrations have been converted to mmol/L to provide better representation of relative mass of parent (TCA) to daughter (DCA, chloroethane, etc.) compounds. Also note that scale varies between graphs in order to depict ranges of value for each well.

Reports and Deliverables: Other than submittal of analytical results, no reports or deliverables were required during last quarter.

Upcoming Schedule: Activities anticipated for Second Quarter 2003 include:

- Updating the analytical summary tables as data from the 7-10 April sampling event is received from the laboratory. The groundwater samples collected during April will be analyzed for the parameters listed on the Revised Remediation Groundwater Schedule. A copy of that schedule is attached. The next sampling event is scheduled for October 2003.

Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Glenn M. White
Environmental Scientist

Susan L. Boyle
Senior Engineer

Vincent B. Dick
Vice President

Distribution attached

Enclosures

G:\Projects\70665\009\QuarterlyStatusReports\MRVCAApril2003Q1.doc

Coopervision Incorporated
Scottsville, New York Facility

Revised Remediation Groundwater Schedule
2002 - 2003

October 2002

WELL ID	Dissolved Gases	VOCs	Anion List	Cation List	SOC	Metabolic Acids	Field Parameters
MW-202		x					x
MW-203		x					x
MW-204		x					x
MW-205	x	x				x	x
MW-2		x					x
MW-304		x					x
MW-401		x					x
MW-402		x					x
MW-3	x	x				x	x
MW-501	x	x				x	x
MW-502	x	x				x	x
OWD-302-D	x	x				x	x
OWS-302-S	x	x				x	x

April 2003

WELL ID	Dissolved Gases	VOCs	Anion List	Cation List	SOC	Metabolic Acids	Field Parameters
MW-202		x					x
MW-203		x					x
MW-204		x					x
MW-205	x	x	x	x	x	x	x
MW-2		x					x
MW-304		x					x
MW-401		x					x
MW-402		x					x
MW-3	x	x	x	x	x	x	x
MW-501	x	x	x	x	x	x	x
MW-502	x	x	x	x	x	x	x
OWD-302-D	x	x	x	x	x	x	x
OWS-302-S	x	x	***	***	***	x	x

October 2003

WELL ID	Dissolved Gases	VOCs	Anion List	Cation List	SOC	Metabolic Acids	Field Parameters
MW-202		x					x
MW-203		x					x
MW-204		x					x
MW-205	x	x				x	x
MW-2		x					x
MW-304		x					x
MW-401		x					x
MW-402		x					x
MW-3	x	x				x	x
MW-501	x	x				x	x
MW-502	x	x				x	x
OWD-302-D	x	x				x	x
OWS-302-S	x	x				x	x

Notes:
1. Dissolved Gases include methane, ethane, and ethene
2. VOCs will be analyzed by EPA Method 8260
3. The Anion List includes sulfate, sulfide, nitrate, nitrite, chloride, and alkalinity
4. The Cation List includes ferrous and total iron
5. Metabolic Acids include lactic, acetic, proprionic, pyruvic, and butyric
6. Field Parameters include dissolved oxygen, temperature, conductivity, oxidation-reduction potential, and pH
7. *** indicates that due to low groundwater yield in well OWS-302-S these analytical parameters have been eliminated from the monitoring program.

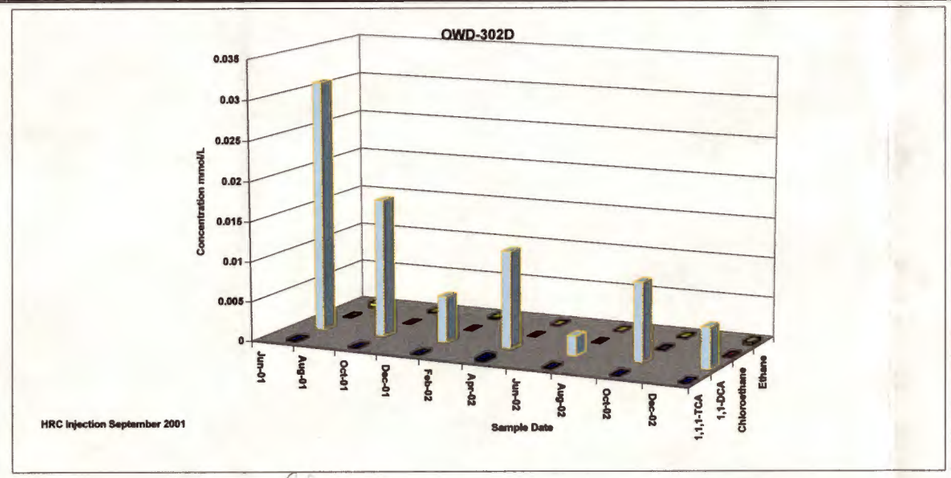
TABLE 5

COOPERVISION, INC.

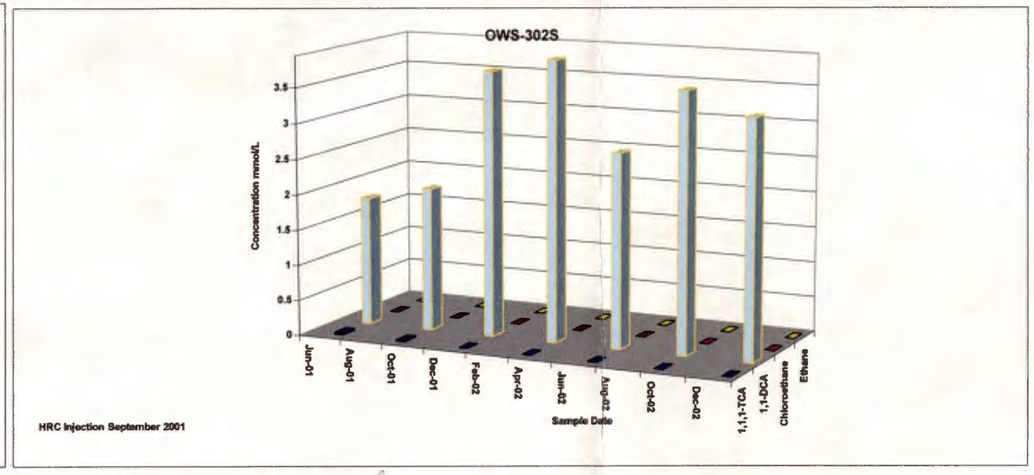
VOLATILE ORGANICS AND DISSOLVED GASES SUMMARY SOURCE AREA WELLS

Sample ID:	OWD-302D										OWD-302S	OWS-302S									OWS-302D		
Well Screen Interval (ft):	32.5 - 33.5										21.0 - 22.0	13.0 - 14.0									29.5 - 30.5		
Date Sampled:	6/1/1999	10/26/1999	4/28/2000	7/19/2001	10/18/2001	1/30/2002	4/9/2002	7/31/2002	10/15/2002	1/28/2003	4/28/2000	6/1/1999	6/1/1999 DEC SPLIT	4/28/2000	7/19/2001	10/18/2001	1/30/2002	4/9/2002	7/31/2002	10/16/2002	1/28/2003	6/1/1999	10/26/1999	4/28/2000
Compound:																								
VOLATILE ORGANICS																								
Acetone	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8 B	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
1,1-Dichloroethane	54 D	1	0.63	3.1 D	1.7 D	0.57	1.2 D	0.24	0.97 D	0.51	350	49	61 D	390	180 D	200 D	370 D	390	270	360	330	1.5	220	23
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.022 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	110 D	0.021	ND	0.016	ND	ND	0.046	ND	ND	ND	2.4	ND	0.94	ND	4	2.2	ND	ND	ND	ND	ND	0.22	ND	8.8
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	0.0059	ND	ND	ND	ND	ND	ND	ND	ND	0.056 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SEMI-VOLATILE ORGANICS																								
Bis(2-ethylhexyl) pthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED GASES																								
Methane	NA	NA	NA	0.038	0.016	0.013	NA	ND	0.0062	0.03	DRY	NA	NA	NA	DRY	ND	0.0021	NA	0.0063	NA	0.0016	NA	NA	NA
Ethane	NA	NA	NA	0.015	0.0045	0.0041	NA	ND	0.0012	0.0083	DRY	NA	NA	NA	DRY	0.0079	ND	NA	0.03	NA	0.0034	NA	NA	NA
Ethene	NA	NA	NA	0.0013	ND	ND	NA	ND	ND	ND	DRY	NA	NA	NA	DRY	0.0075	ND	NA	0.022	NA	0.0025	NA	NA	NA

NOTES:
1. All values expressed in mg/L (ppm).
2. ND - Indicates Not Detected
3. NA - Indicates Not Analyzed
4. DRY - indicates insufficient recharge
5. "D" indicates the result was diluted
6. "J" indicates that the analyte was detected but at a value below the calibrated range of the instrument and is therefore an estimated value.
7. "B" indicates the analyte was detected in the blank
8. Note scale differences on charts



Real Difference



No Change

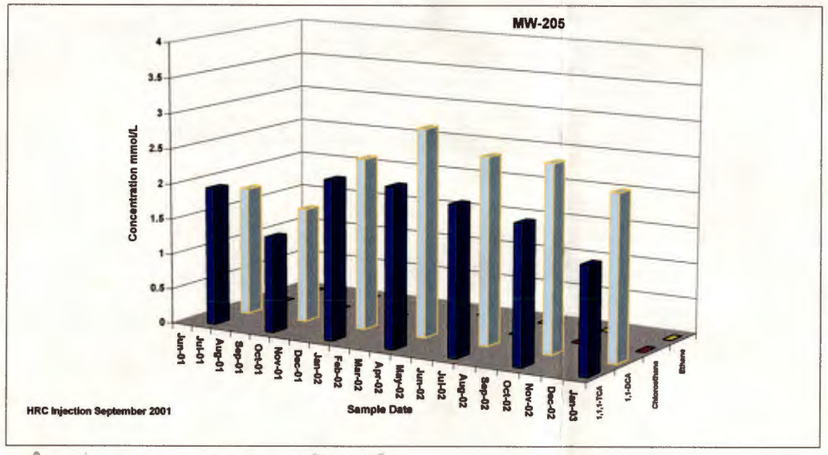
TABLE 5

COOPERVISION, INC.

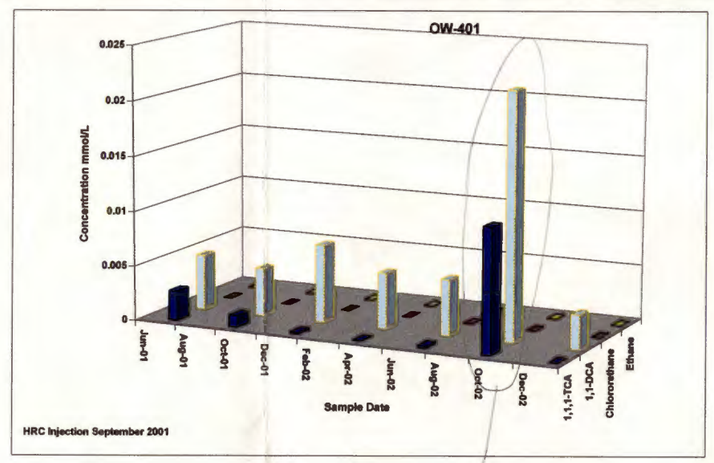
VOLATILE ORGANICS AND
DISSOLVED GASES SUMMARY
SOURCE AREA WELLS

Sample ID:	B303-OWD-S	B303-OWD-D	B303-OWS-S	MW-1		MW-205										OW-401								
Well Screen Interval (ft):	19.5 - 20.5	31.0 - 32.0	12.5 - 13.5	4.0 - 14.0		21.2 - 28.0										44.0 - 46.0								
Date Sampled:	6/1/1999	6/1/1999	6/1/1999	4/16/1997	6/2/1999	7/10/1997	6/2/1999	4/28/2000	7/19/2001	10/18/2001	1/29/2002	4/9/2002	7/31/2002	10/15/2002	1/29/2003	10/26/1999	4/28/2000	7/19/2001	10/18/2001	1/29/2002	4/10/2002	7/30/2002	10/15/2002	1/29/2003
Compound:																								
VOLATILE ORGANICS																								
Acetone	0.18	0.073	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	36	ND	153	190 D	ND	180 D	160 D	240	290	260	260	230	0.22	ND	0.5	0.43	0.7 D	0.5 D	0.5	2.2 D	0.31
1,1-Dichloroethene	ND	ND	ND	12	13	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	0.014	ND	0.045	0.028	0.057	0.044	0.032	0.066	0.025
1,1,1-Trichloroethane	ND	ND	ND	370	320	421	480 D	ND	260 D	180 D	300	300	280	260	200	0.21	ND	0.36	0.14	0.021	0.0075	0.025	1.5	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.18	ND	ND	ND	ND	ND
2-Butanone (MEK)	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SEMI-VOLATILE ORGANICS																								
Bis(2-ethylhexyl) pthalate	NA	NA	NA	NA	NA	NA	0.016	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED GASES																								
Methane	NA	NA	NA	NA	NA	NA	NA	NA	0.005	0.0053	0.0052	NA	0.0062	0.0057	0.0014	NA	NA	NA	NA	NA	NA	ND	NA	NA
Ethane	NA	NA	NA	NA	NA	NA	NA	NA	0.01	0.0084	0.0069	NA	0.0098	0.0086	0.0012	NA	NA	NA	NA	NA	NA	0.0013	NA	NA
Ethene	NA	NA	NA	NA	NA	NA	NA	NA	0.0029	0.0024	0.002	NA	0.0026	0.0023	0.004	NA	NA	NA	NA	NA	NA	ND	NA	NA

NOTES:
1. All values expressed in mg/L (ppm).
2. ND - Indicates Not Detected
3. NA - Indicates Not Analyzed
4. DRY - indicates insufficient recharge
5. "D" indicates the result was diluted
6. "J" indicates that the analyte was detected but at a value below the calibrated range of the instrument and is therefore an estimated value.
7. "B" indicates the analyte was detected in the blank
8. Note scale differences on charts



Real increase in DCA
Minor Decrease in TCA



Outlier

TABLE 6

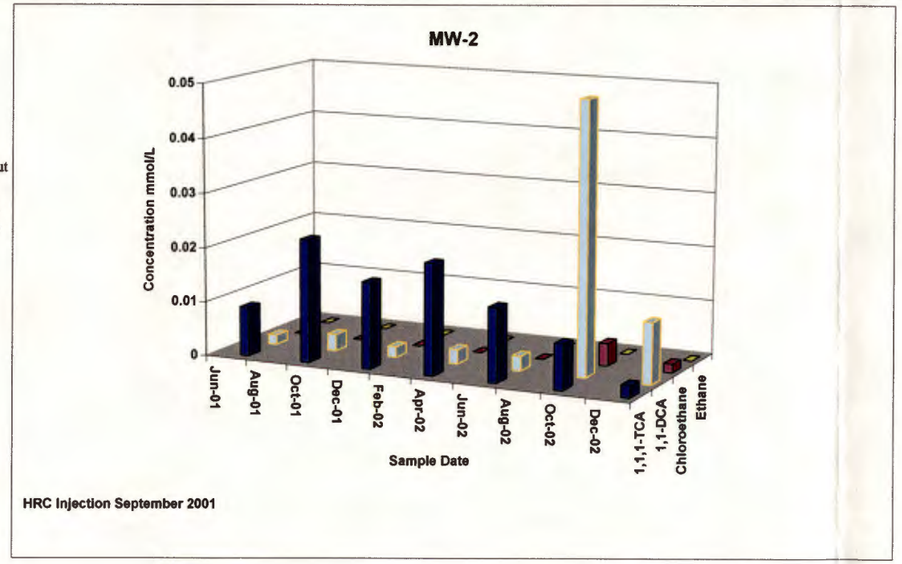
COOPERVISION, INC.

VOLATILE ORGANICS AND DISSOLVED GASES SUMMARY MID-GRADIENT WELLS

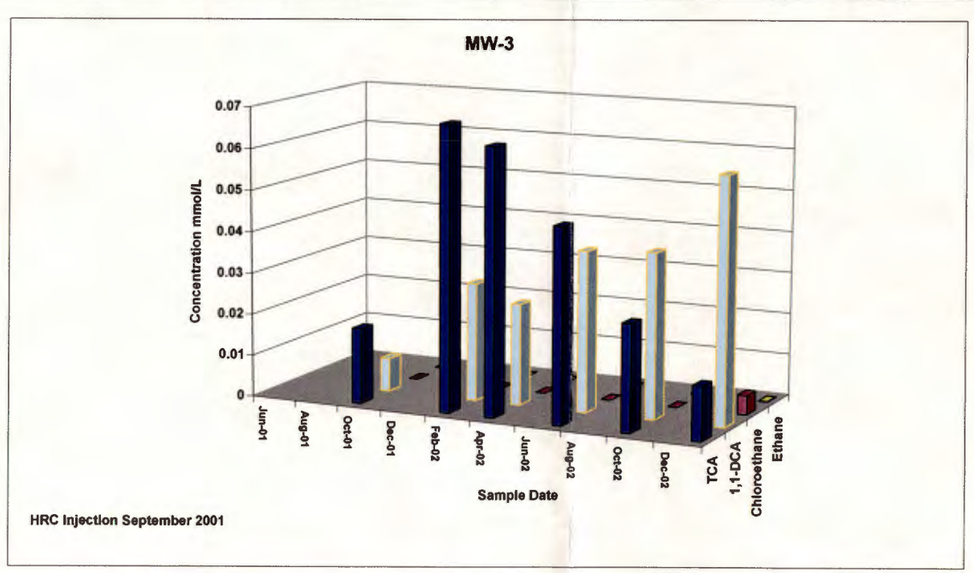
Sample ID:	MW-2									MW-3								
Well Screen Interval (ft):	2.0 - 10.0									3.0 - 10.0								
Date Sampled:	4/16/1997	6/2/1999	7/19/2001	10/18/2001	1/28/2002	4/9/2002	7/29/2002	10/15/2002	1/29/2003	6/18/1997	6/2/1999	10/26/1999	10/18/2001	2/15/2002	4/9/2002	7/30/2002	10/15/2002	1/28/2003
Compound:																		
VOLATILE ORGANICS																		
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.372	0.1	0.17	0.3	0.19	0.26	0.26	4.9 D	1.1	2	2.9	3.2	0.79 D	2.8	2.4	3.8	3.9	5.8
1,1-Dichloroethene	0.182	0.41	0.21 D	0.46	0.27	0.38	0.27	0.88	0.21	0.63	1.8	2.2	0.53 D	2	2	1.8	1.4	1.5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.37	0.063	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.519	3.7	1.2 D	3	2.1	2.7	1.8	1.1	0.29	3.3	10	8	2.4 D	9.1	8.5	6.2	3.4	1.7
Tetrachloroethene	0.006	ND	0.022	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.039	ND	0.074	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.037	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.26	0.1	ND	ND	ND	ND	ND	ND	ND	ND	0.29
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DISSOLVED GASES																		
Methane	NA	NA	NA	NA	NA	NA	0.083	NA	NA	NA	NA	NA	DRY	0.02	NA	0.039	0.036	0.12
Ethane	NA	NA	NA	NA	NA	NA	0.0025	NA	NA	NA	NA	NA	DRY	0.0039	NA	0.0029	0.0016	0.0029
Ethene	NA	NA	NA	NA	NA	NA	0.0026	NA	NA	NA	NA	NA	DRY	ND	NA	ND	ND	ND

NOTES:

1. All values expressed in mg/L (ppm).
2. ND - Indicates Not Detected
3. NA - Indicates Not Analyzed
4. DRY - indicates insufficient recharge
5. "D" indicates the result was diluted
6. "J" indicates that the analyte was detected but at a value below the calibrated range of the instrument and is therefore an estimated value.
7. "B" indicates the analyte was detected in the blank



Real changes



Real changes

TABLE 6

COOPERVISION, INC.

VOLATILE ORGANICS AND DISSOLVED GASES SUMMARY MID-GRADIENT WELLS

Sample ID:	MW-403			MW-501								MW-502							
Well Screen Interval (ft):	38.5 - 43.5			20.0 - 25.0								30.0 - 35.0							
Date Sampled:	10/26/1999	10/26/1999 DEC SPLIT	7/19/2001	7/23/2001	10/17/2001	10/17/2001 DEC SPLIT	2/15/2002	4/9/2002	7/30/2002	10/15/2002	1/29/2003	7/24/2001	10/17/2001	10/17/2001 DEC SPLIT	1/28/2002	4/9/2002	7/30/2002	10/15/2002	1/27/2003
Compound:																			
VOLATILE ORGANICS																			
Acetone	ND	0.062 B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.072	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.0059	0.001 J	ND	5.3 D	0.055	0.4475	0.96	9.9 D	1.8	2.2 D	4.3	9.8 D	11	4.3759	3.3	0.82 D	3.8 D	11 D	17
1,1-Dichloroethene	ND	ND	ND	0.0098	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.059	0.16	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	0.001 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	ND	0.0455	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	ND	0.0115	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0063	1.1	0.0489	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	0.005 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND	ND
DISSOLVED GASES																			
Methane	NA	NA	0.0033	0.0081	0.018	NA	0.02	NA	0.037	0.25	5.5	DRY	0.018	NA	0.0027	NA	0.32	0.78	3.4
Ethane	NA	NA	ND	0.005	0.004	NA	0.0018	NA	0.0011	ND	ND	DRY	0.024	NA	0.0061	NA	ND	ND	ND
Ethene	NA	NA	ND	0.0045	0.0014	NA	0.0012	NA	ND	ND	ND	DRY	0.0066	NA	0.002	NA	ND	ND	ND

NOTES:

1. All values expressed in mg/L (ppm).
2. ND - Indicates Not Detected
3. NA - Indicates Not Analyzed
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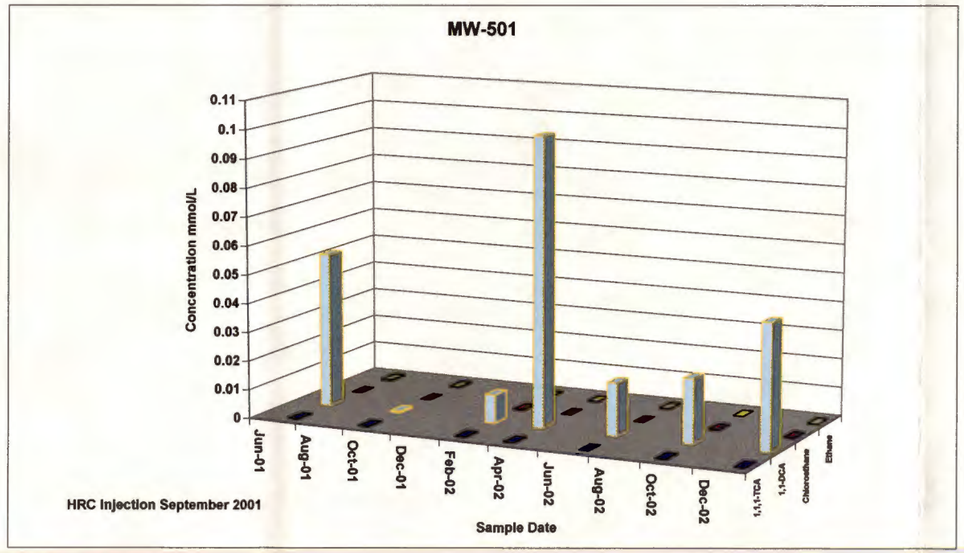

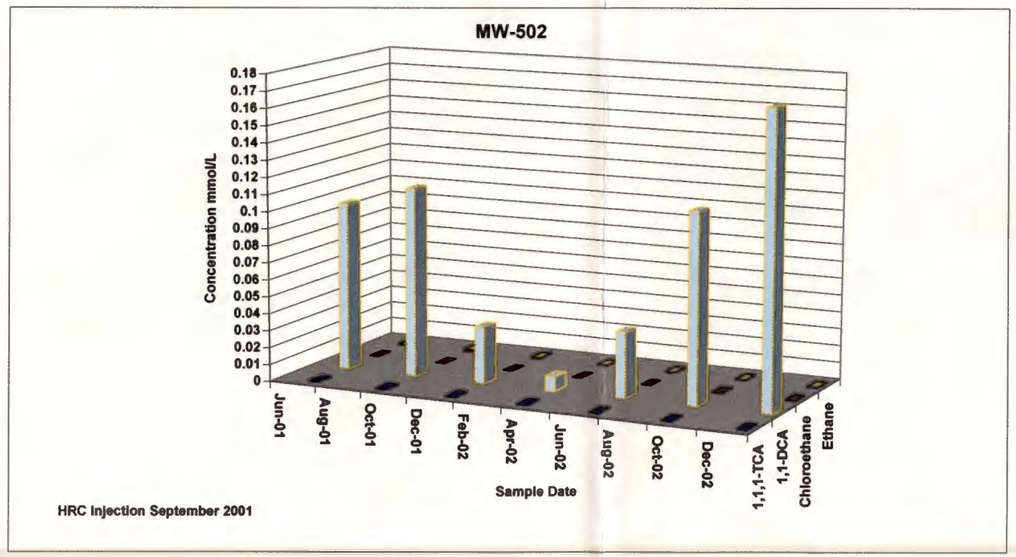

TABLE 7

COOPERVISION, INC.

VOLATILE ORGANICS AND DISSOLVED GASES SUMMARY DOWNGRADIENT WELLS

Sample ID:	B304-OW								MW-202									
Well Screen Interval (ft):	4.0 - 14.0								10.1 - 20.3									
Date Sampled: / Compound:	6/1/1999	7/18/2001	10/18/2001	1/29/2002	4/8/2002	7/29/2002	10/14/2002	1/30/2003	7/10/1997	6/2/1999	10/26/1999	7/18/2001	10/18/2001	1/28/2002	4/8/2002	7/29/2002	10/14/2002	1/29/2003
VOLATILE ORGANICS																		
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	0.027	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.012	0.024	0.044	ND	ND	0.007	0.014	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.006	0.014	0.026	ND	ND	ND	ND	ND	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.036	0.028	0.037	0.010	0.009	0.014	0.017	0.006	0.061	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DISSOLVED GASES																		
Methane	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Ethane	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Ethene	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

NOTES:

1. All values expressed in mg/L (ppm).
2. ND - Indicates Not Detected
3. NA - Indicates Not Analyzed
4. DRY - indicates insufficient recharge
5. "D" indicates the result was diluted
6. "J" indicates that the analyte was detected but at a value below the calibrated range of the instrument and is therefore an estimated value.
7. "B" indicates the analyte was detected in the blank

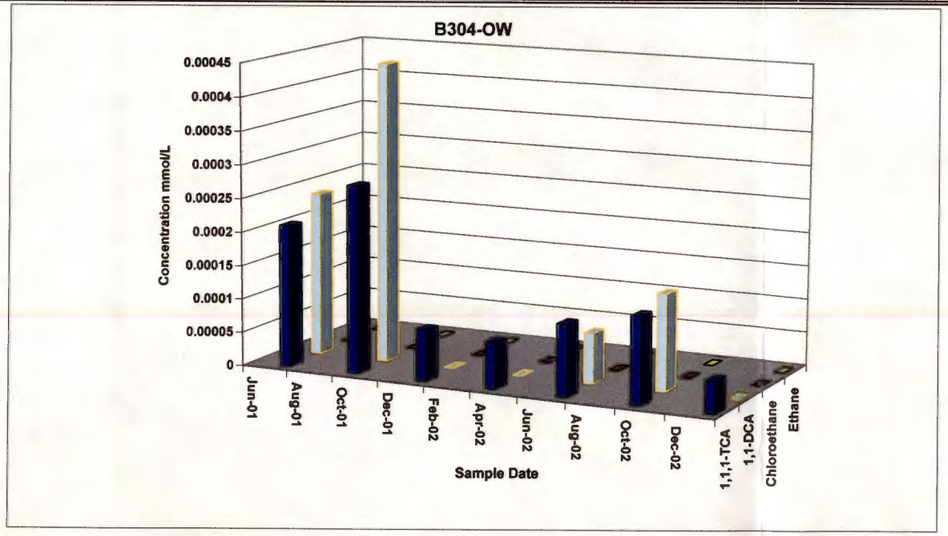

TABLE 7

COOPERVISION, INC.

VOLATILE ORGANICS AND
DISSOLVED GASES SUMMARY
DOWNGRADIENT WELLS

Sample ID:	MW-203									MW-204								
Well Screen Interval (ft):	9.8 - 20.0									9.8 - 20.0								
Date Sampled: / Compound:	7/10/1997	6/2/1999	7/18/2001	10/18/2001	1/29/2002	4/8/2002	7/29/2002	10/14/2002	1/30/2003	7/10/1997	6/2/1999	7/18/2001	10/18/2001	1/28/2002	4/8/2002	7/29/2002	10/14/2002	1/30/2003
VOLATILE ORGANICS																		
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.118	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	0.019	0.011	0.010	0.007	0.010	0.008
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0088	0.015	0.008	0.007	ND	0.008	0.006
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.022	0.011	0.010	ND	0.011	0.007
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DISSOLVED GASES																		
Methane	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Ethane	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Ethene	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA

NOTES:

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2. ND - Indicates Not Detected
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4. DRY - indicates insufficient recharge
5. "D" indicates the result was diluted
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TABLE 7

COOPERVISION, INC.

VOLATILE ORGANICS AND
DISSOLVED GASES SUMMARY
DOWNGRADIENT WELLS

Sample ID:	OW-402							
Well Screen Interval (ft):	38.5 - 43.5							
Date Sampled: / Compound:	10/26/1999	7/18/2001	10/18/2001	1/28/2002	6/21/2002	7/29/2002	10/14/2002	1/29/2003
VOLATILE ORGANICS								
Acetone	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND
DISSOLVED GASES								
Methane	NA	NA	NA	NA	NA	0.0038	NA	NA
Ethane	NA	NA	NA	NA	NA	0.0014	NA	NA
Ethene	NA	NA	NA	NA	NA	ND	NA	NA

NOTES:

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4. DRY - indicates insufficient recharge
5. "D" indicates the result was diluted
6. "J" indicates that the analyte was detected but at a value below the calibrated range of the instrument and is therefore an estimated value.
7. "B" indicates the analyte was detected in the blank

COOPERVISION INCORPORA
ADDITIONAL ANALYTICAL
PARAMETER SUMMARY

Sample ID	OWD-302-D								OWS-302-S							
Analyte	7/19/2001	9/26/2001	10/18/2001	1/28/2002	4/9/2002	7/29/2002	10/15/2002	1/28/2003	7/19/2001	9/26/2001	10/18/2001	1/28/2002	4/9/2002	7/29/2002	10/15/2002	1/28/2003
INORGANICS																
Sulfate	**850**	NS	**740**	NA	NA	**634**	NA	NA	NA	NS	**228**	NA	NA	NS	NA	NA
Total Sulfide	ND	NS	**ND**	NA	NA	**ND**	NA	NA	NA	NS	**3**	NA	NA	NS	NA	NA
Total Iron	**5.47**	NS	**2.9**	NA	NA	**0.858**	NA	NA	NA	NS	**NA**	NA	NA	NS	NA	NA
Total Manganese	**0.0589**	NS	**NA**	NA	NA	**0.0504**	NA	NA	NA	NS	**NA**	NA	NA	NS	NA	NA
HRC COMPONENTS																
Lactic Acid (C4)	**ND**	NS	NA	ND	ND	ND	ND	ND	NA	NS	NA	ND	**13.4**	**4.6**	ND	ND
Acetic Acid (C2)	**ND**	NS	NA	ND	ND	ND	ND	ND	NA	NS	NA	ND	**293**	**286**	**240**	**297**
Propionic Acid (C3)	**ND**	NS	NA	ND	ND	ND	**41.8**	ND	NA	NS	NA	ND	**9.8**	ND	ND	ND
Pyruvic Acid (C3)	**ND**	NS	NA	ND	**0.3**	ND	ND	ND	NA	NS	NA	ND	**0.5**	**1.4**	ND	ND
Butyric Acid (C4)	**ND**	NS	NA	ND	ND	ND	ND	ND	NA	NS	NA	ND	ND	ND	ND	ND
FIELD PARAMETERS																
Dissolved Oxygen (mg/L)	**1.42**	DRY	MIS	**7.2***	***1.29**	**0.77**	**2.86**	**0.87**	DRY	DRY	MIS	NA	***1.74**	**1.24**	**2.23**	***8.50**
Redox (mV)	**-68**	DRY	MIS	**162***	***-23**	**-141**	**-70**	**84**	DRY	DRY	MIS	NA	***-59**	**-133**	**-122**	**-51**
Conductivity (mS)	**1.58**	DRY	MIS	**1.1**	**1.34**	**1.13**	**0.25**	**2.81**	DRY	DRY	MIS	NA	**6.45**	**0.94**	**4.22**	**5.03**
Iron, dissolved (mg/L)	**ND**	DRY	MIS	**ND**	**0**	**ND**	**4.4**	**0.0**	**ND**	DRY	MIS	NA	**3.3**	**5.9**	**5.2**	**3.8**
Alkalinity (mg/L)	**120**	DRY	MIS	**85**	**100**	**100**	**1000**	**240**	**640**	DRY	MIS	**580**	**600**	**720**	**820**	**520**
Carbon Dioxide (mg/L)	**20.8**	DRY	MIS	**49.8**	**50**	**40**	**268**	**26**	DRY	DRY	MIS	NA	**358**	**260**	**38**	**475**

Notes:

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3) NS - Not Sampled
4) NA - Not Analyzed
5) NR - Not Received (to date)
6) MIS - Data was misplaced
7) MW-403 Sampling discontinued after 10/15/2002 event.

* Sample was oxygenated in Waterra tubing, reason for high DO reading.

**Hach kits were not available during September 2001 event.

Protective casing at MW-501 is damaged, unable to sample Jan 2002.

COOPERVISION INCORPORATED
ADDITIONAL ANALYTICAL
PARAMETER SUMMARY

Sample ID	MW-205								MW-3							
Analyte	7/19/2001	9/26/2001	10/18/2001	1/28/2002	4/9/2002	7/29/2002	10/15/2002	1/28/2003	7/19/2001	9/26/2001	10/18/2001	2/15/2002	4/9/2002	7/30/2002	10/15/2002	1/28/2003
INORGANICS																
Sulfate	**96.9**	NS	**91**	NA	NA	**27.5**	NA	NA		NS	**15.1**	NA	NA	**2.08**	NA	NA
Total Sulfide	**ND**	NS	**ND**	NA	NA	**ND**	NA	NA	**DRY**	NS	**ND**	NA	NA	**ND**	NA	NA
Total Iron	**21.2**	NS	**47.3**	NA	NA	**51.2**	NA	NA		NS	**14.1**	NA	NA	**181**	NA	NA
Total Manganese	**0.641**	NS	**NA**	NA	NA	**1.3**	NA	NA		NS	**NA**	NA	NA	**8.01**	NA	NA
HRC COMPONENTS																
Lactic Acid (C4)	**ND**	NS	NA	**23.6**	**NA**	**39.1**	**59.5**	**41**		NS	NA	ND	ND	**8.2**	ND	**12.5**
Acetic Acid (C2)	**139**	NS	NA	**179**	**NA**	**209**	**236**	**273**		NS	NA	**14**	**37.2**	**83.8**	**180**	**86.8**
Propionic Acid (C3)	**ND**	NS	NA	ND	NA	**34.9**	**62.1**	**134**	**DRY**	NS	NA	**15**	**42.5**	**248**	**606**	**241**
Pyruvic Acid (C3)	**ND**	NS	NA	ND	NA	ND	ND	ND		NS	NA	ND	**0.2**	**0.1**	ND	ND
Butyric Acid (C4)	**ND**	NS	NA	ND	NA	ND	ND	**13.1**		NS	NA	**7.6**	**24.3**	**72**	**505**	**157**
FIELD PARAMETERS																
Dissolved Oxygen (mg/L)	**0**	**0**	MIS	**0.29**	**0.014**	**0.1**	**0.63**	**0.5**		NS	MIS	**5.19**	***4.95**	**1.34**	**2.86**	**2.40**
Redox (mV)	**-53**	**-26**	MIS	**-88**	**-61**	**-182**	**-166**	**-103**		NS	MIS	**-116**	**35**	**-127**	**-70**	**-79**
Conductivity (mS)	**2.41**	**3**	MIS	**2.31**	**2.48**	**2.49**	**2.9**	**2.7**		NS	MIS	**0.07**	**0.06**	**0.12**	**0.25**	**0.00**
Iron, dissolved (mg/L)	**0.2**	NA	MIS	**2.6**	**3.2**	**4.9**	**5.8**	**5.0**	**DRY**	NS	MIS	**NA****	**0.2**	**0.9**	**4.4**	**4.5**
Alkalinity (mg/L)	**500**	NA	MIS	**580**	**580**	**630**	**680**	**600**		NS	MIS	**NA****	**240**	**680**	**1000**	**280**
Carbon Dioxide (mg/L)	**182**	NA	MIS	**140**	**330**	**220**	**59**	**418**		NS	MIS	**NA****	**61.7**	**84**	**268**	**220**

Notes:

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4) NA - Not Analyzed
5) NR - Not Received (to date)
6) MIS - Data was misplaced
7) MW-403 Sampling discontinued after 10/15/2002 event.

* Sample was oxygenated in Waterra tubing, reason for high DO reading.
**Hach kits were not available during September 2001 event.
Protective casing at MW-501 is damaged, unable to sample Jan 2002.

COOPERVISION INCORPORA
ADDITIONAL ANALYTICAL
PARAMETER SUMMARY

Sample ID	MW-501								MW-502							
Analyte	7/19/2001	9/26/2001	10/18/2001	2/15/2002	4/9/2002	7/29/2002	10/15/2002	1/29/2003	7/19/2001	9/26/2001	10/18/2001	1/28/2002	4/9/2002	7/29/2002	10/15/2002	1/27/2003
INORGANICS																
Sulfate	40.2	NS	21.5	NA	NA	27.3	NA	NA	183	NS	56.2	NA	NA	4.74	NA	NA
Total Sulfide	ND	NS	1.18J	NA	NA	ND	NA	NA	1.08	NS	1.28	NA	NA	1.2	NA	NA
Total Iron	462	NS	662	NA	NA	152	NA	NA	8.76	NS	4.96	NA	NA	12	NA	NA
Total Manganese	11.8	NS	NA	NA	NA	4.1	NA	NA	0.317	NS	NA	NA	NA	0.259	NA	NA
HRC COMPONENTS																
Lactic Acid (C4)	ND	NS	NA	ND	34.3	8.7	ND	ND	ND	NS	NA	ND	ND	ND	ND	ND
Acetic Acid (C2)	ND	NS	NA	ND	15.7	10.3	6.3	33.3	ND	NS	NA	ND	3.5	38.5	70.5	236
Propionic Acid (C3)	ND	NS	NA	ND	15.4	10.1	4.2	15.2	ND	NS	NA	ND	ND	22.6	97.5	233
Pyruvic Acid (C3)	ND	NS	NA	ND	1.1	ND	2.4	ND	ND	NS	NA	ND	ND	ND	ND	ND
Butyric Acid (C4)	ND	NS	NA	ND	8.2	ND	ND	ND	ND	NS	NA	ND	ND	ND	20.2	54.8
FIELD PARAMETERS																
Dissolved Oxygen (mg/L)	0.3	0.01	MIS	0.27	1.07	0.49	2.18	0.46	2.9	0.51	MIS	2.93	0.13	0.00	0.21	0.93
Redox (mV)	-280	-205	MIS	-108	5	-196	-141	-131	-264	-262	MIS	28	-103	-117	-196	-118
Conductivity (mS)	1.61	0.68	MIS	12.03	1.55	0.76	1.01	8.08	0.64	0.98	MIS	0.33	2.79	0.1	0.93	1.06
Iron, dissolved (mg/L)	ND	NA	MIS	0.2	ND	ND	0.5	0.9	ND	NA	MIS	ND	0	ND	0	1.5
Alkalinity (mg/L)	920	NA	MIS	200	210	320	360	280	120	NA	MIS	75	54	220	200	140
Carbon Dioxide (mg/L)	34	NA	MIS	90	60	38	32.6	104	27.2	NA	MIS	37.4	180	72	32.6	114

Notes:

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3) NS - Not Sampled
4) NA - Not Analyzed
5) NR - Not Received (to date)
6) MIS - Data was misplaced
7) MW-403 Sampling discontinued after 10/15/2002 event.

* Sample was oxygenated in Waterra tubing, reason for high DO reading.
**Hach kits were not available during September 2001 event.
Protective casing at MW-501 is damaged, unable to sample Jan 2002.

COOPERVISION INCORPORA
ADDITIONAL ANALYTICAL
PARAMETER SUMMARY

Sample ID	MW-403					MW-401						
Analyte	7/19/2001	9/26/2001	1/29/2002	7/29/2002	10/15/2002	7/19/2001	9/26/2001	1/29/2002	4/10/2002	7/30/2002	10/15/2002	1/29/2002
INORGANICS												
Sulfate	**1010**	NS	NA	NS	NS	NA	NA	NA	NA	1510	NA	NA
Total Sulfide	**ND**	NS	NA	NS	NS	NA	NA	NA	NA	ND	NA	NA
Total Iron	**10.5**	NS	NA	NS	NS	NA	NA	NA	NA	3.16	NA	NA
Total Manganese	**0.222**	NS	NA	NS	NS	NA	NA	NA	NA	0.0802	NA	NA
HRC COMPONENTS												
Lactic Acid (C4)	**ND**	NS	ND	NA	NS	NA	NA	NA	NA	NA	NA	NA
Acetic Acid (C2)	**ND**	NS	ND	NA	NS	NA	NA	NA	NA	NA	NA	NA
Propionic Acid (C3)	**ND**	NS	ND	NA	NS	NA	NA	NA	NA	NA	NA	NA
Pyruvic Acid (C3)	**ND**	NS	ND	NA	NS	NA	NA	NA	NA	NA	NA	NA
Butyric Acid (C4)	**ND**	NS	ND	NA	NS	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS												
Dissolved Oxygen (mg/L)	**0.7**	**0.51**	**0.99**	NS	NS	**0.42**	**0.21**	**0.15**	**0.13**	**0.12**	**1.29**	**0.38**
Redox (mV)	**-70**	**-52**	**-14**	NS	NS	**-42**	**-46**	**-77**	**-29**	**-75**	**-0.87**	**-68**
Conductivity (mS)	**1.49**	**1.49**	**0.73**	NS	NS	**2.1**	**2.57**	**2.02**	**2.01**	**0**	**2.16**	**1.98**
Iron, dissolved (mg/L)	**0.6**	NA	**0.9**	NS	NS	**1.8**	NA	**2.9**	**2.6**	**2.2**	**3.1**	**3.2**
Alkalinity (mg/L)	**100**	NA	**180**	NS	NS	**200**	NA	**220**	**180**	**220**	**220**	**180**
Carbon Dioxide (mg/L)	**33**	NA	**60.8**	NS	NS	**138**	NA	**168**	**126**	**98**	**48.8**	**150**

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7) MW-403 Sampling discontinued after 10/15/2002 event.

* Sample was oxygenated in Waterra tubing, reason for high DO reading.
**Hach kits were not available during September 2001 event.
Protective casing at MW-501 is damaged, unable to sample Jan 2002.

70665-009

FEB 2 1 2003

RECEIVED

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

February 14, 2003

Ms. Sue Boyle
Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623-4264

PROJECT:COOPERVISION #70665-009
Submission #:R2315571

Dear Ms. Boyle

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Val Miller for:
Karen Bunker
Project Manager

Enc.

1 Mustard St.• Suite 250 • Rochester, NY 14609 • Tele:(585)288-5380 • Fax:(585)288-8475

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

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Lab Submission # : R2315571
Project Manager : Karen Bunker
Reported : 02/14/03

Report Contains a total of 40 pages

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

Columbia Analytical Services inc.

This report contains analytical results for the following samples:

Submission #: R2315571

Lab ID	Client ID
617380	TRIP BLANK
617381	MW-202
617382	MW-205
617383	MW-2
617384	MW-401
617385	MW-402
617386	MW-3
617387	MW-501
617388	MW-502
617389	OWD-302D
617390	OWD-302S
617391	MW-203
617392	OW-304
617393	MW-204

70665-009

FEB 2 1 2003

RECEIVED

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February 14, 2003

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200 Town Centre Drive
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Karen Bunker
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Columbia Analytical Services, Inc.
1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Lab Submission # : R2315571
Project Manager : Karen Bunker
Reported : 02/14/03

Report Contains a total of 40 pages

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

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Columbia Analytical Services inc.

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Submission #: R2315571

Lab ID	Client ID
617380	TRIP BLANK
617381	MW-202
617382	MW-205
617383	MW-2
617384	MW-401
617385	MW-402
617386	MW-3
617387	MW-501
617388	MW-502
617389	OWD-302D
617390	OWD-302S
617391	MW-203
617392	OW-304
617393	MW-204

Case Narrative

Company: Haley & Aldrich
Project: Coopervision #70665-009
Submission #: R2315571

H&A collected water samples on 01/27-30/03. Samples were received at CAS on 01/30/03, unbroken, packed in ice, with custody seals intact, at a cooler temperature of 4°C.

GC/MS VOLATILE ORGANICS

Fourteen (14) water samples including one (1) Trip Blank, were analyzed for the Target Compound List of Volatile Organics by GC/MS Method 8260B from SW-846.

All Tuning criteria for BFB were within limits.

The initial and continuing calibration criteria were met for all analytes.

Surrogate standard recoveries were within acceptance limits.

QC is provided in the report package. All Spike recoveries and RPD's are within limits. All Laboratory Control Sample compounds are acceptable.

Several samples required dilutions to bring target compounds within the calibration range of the standards. Hits outside the range are flagged as "E" and the sample is reanalyzed at the appropriate dilution. In this case, both sets of data are included in the report package.

The Trip Blank and Laboratory Method Blanks associated with these analyses were free from contamination.

The samples were run within the 14 day holding time for preserved sample vials for the method. All used vials were checked for preservation after analysis and found to be <2.

No other analytical or QC problems were encountered.

GC Volatile Organics

Six (6) water samples were analyzed for Ethane, Ethene, Methane and Propane by modified GC method RSK-175.

All associated QC was within limits for these samples.

One sample required a dilution to bring target compounds within the calibration range of the standards. Hits outside the range are flagged as "E" and the sample is reanalyzed at the appropriate dilution. In this case, both sets of data are included in the report package.

All used sample vials were checked after analysis for preservation. All were properly preserved to a pH of <2.

Samples were run within holding time for the method.

The Method Blank was free from contamination.

No problems were encountered during the analysis.

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Effective 11/4/2002

ORGANIC QUALIFIERS

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : TRIP BLANK

Date Sampled : 01/30/03 **Order #:** 617380 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

DATE ANALYZED : 02/05/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	109	%
TOLUENE-D8	(91 - 113 %)	104	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	109	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-202

Date Sampled : 01/29/03 16:00 **Order #:** 617381 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/05/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	108	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	109	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-205

Date Sampled : 01/28/03 15:15 **Order #:** 617382 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/05/03			
ANALYTICAL DILUTION: 2000.00			
ACETONE	20	40000 U	UG/L
BENZENE	5.0	10000 U	UG/L
BROMODICHLOROMETHANE	5.0	10000 U	UG/L
BROMOFORM	5.0	10000 U	UG/L
BROMOMETHANE	5.0	10000 U	UG/L
2-BUTANONE (MEK)	10	20000 U	UG/L
CARBON DISULFIDE	10	20000 U	UG/L
CARBON TETRACHLORIDE	5.0	10000 U	UG/L
CHLOROBENZENE	5.0	10000 U	UG/L
CHLOROETHANE	5.0	10000 U	UG/L
CHLOROFORM	5.0	10000 U	UG/L
CHLOROMETHANE	5.0	10000 U	UG/L
DIBROMOCHLOROMETHANE	5.0	10000 U	UG/L
1,1-DICHLOROETHANE	5.0	230000	UG/L
1,2-DICHLOROETHANE	5.0	10000 U	UG/L
1,1-DICHLOROETHENE	5.0	10000 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	10000 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	10000 U	UG/L
1,2-DICHLOROPROPANE	5.0	10000 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	10000 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	10000 U	UG/L
ETHYLBENZENE	5.0	10000 U	UG/L
2-HEXANONE	10	20000 U	UG/L
METHYLENE CHLORIDE	5.0	10000 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	20000 U	UG/L
STYRENE	5.0	10000 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	10000 U	UG/L
TETRACHLOROETHENE	5.0	10000 U	UG/L
TOLUENE	5.0	10000 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	200000	UG/L
1,1,2-TRICHLOROETHANE	5.0	10000 U	UG/L
TRICHLOROETHENE	5.0	10000 U	UG/L
VINYL CHLORIDE	5.0	10000 U	UG/L
O-XYLENE	5.0	10000 U	UG/L
M+P-XYLENE	5.0	10000 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	109	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	109	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-205

Date Sampled : 01/28/03 15:15 **Order #:** 617382 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.00			
ETHANE	1.0	12	UG/L
ETHYLENE	1.0	4.0	UG/L
METHANE	2.0	14	UG/L
PROPANE	1.0	1.2	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-2

Date Sampled : 01/29/03 15:00 **Order #:** 617383 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/06/03			
ANALYTICAL DILUTION: 10.00			
ACETONE	20	200 U	UG/L
BENZENE	5.0	50 U	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	100	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	1100	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	210	UG/L
CIS-1,2-DICHLOROETHENE	5.0	63	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
ETHYLBENZENE	5.0	50 U	UG/L
2-HEXANONE	10	100 U	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	50 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	290	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L
O-XYLENE	5.0	50 U	UG/L
M+P-XYLENE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	108	%
TOLUENE-D8	(91 - 113 %)	100	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	109	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-401

Date Sampled : 01/29/03 12:20 **Order #:** 617384 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/05/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	340 E	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	25	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	110	%
TOLUENE-D8	(91 - 113 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	112	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-401

Date Sampled : 01/29/03 12:20 **Order #:** 617384 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/06/03			
ANALYTICAL DILUTION: 2.00			
ACETONE	20	40 U	UG/L
BENZENE	5.0	10 U	UG/L
BROMODICHLOROMETHANE	5.0	10 U	UG/L
BROMOFORM	5.0	10 U	UG/L
BROMOMETHANE	5.0	10 U	UG/L
2-BUTANONE (MEK)	10	20 U	UG/L
CARBON DISULFIDE	10	20 U	UG/L
CARBON TETRACHLORIDE	5.0	10 U	UG/L
CHLOROBENZENE	5.0	10 U	UG/L
CHLOROETHANE	5.0	10 U	UG/L
CHLOROFORM	5.0	10 U	UG/L
CHLOROMETHANE	5.0	10 U	UG/L
DIBROMOCHLOROMETHANE	5.0	10 U	UG/L
1,1-DICHLOROETHANE	5.0	310	UG/L
1,2-DICHLOROETHANE	5.0	10 U	UG/L
1,1-DICHLOROETHENE	5.0	24	UG/L
CIS-1,2-DICHLOROETHENE	5.0	10 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	10 U	UG/L
1,2-DICHLOROPROPANE	5.0	10 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	10 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	10 U	UG/L
ETHYLBENZENE	5.0	10 U	UG/L
2-HEXANONE	10	20 U	UG/L
METHYLENE CHLORIDE	5.0	10 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	20 U	UG/L
STYRENE	5.0	10 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	10 U	UG/L
TETRACHLOROETHENE	5.0	10 U	UG/L
TOLUENE	5.0	10 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	10 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	10 U	UG/L
TRICHLOROETHENE	5.0	10 U	UG/L
VINYL CHLORIDE	5.0	10 U	UG/L
O-XYLENE	5.0	10 U	UG/L
M+P-XYLENE	5.0	10 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	107	%
TOLUENE-D8	(91 - 113 %)	99	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	111	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-402

Date Sampled : 01/27/03 11:45 **Order #:** 617385 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

DATE ANALYZED : 02/06/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	107	%
TOLUENE-D8	(91 - 113 %)	100	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	111	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-3

Date Sampled : 01/28/03 12:40 **Order #:** 617386 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/05/03			
ANALYTICAL DILUTION: 25.00			
ACETONE	20	500 U	UG/L
BENZENE	5.0	130 U	UG/L
BROMODICHLOROMETHANE	5.0	130 U	UG/L
BROMOFORM	5.0	130 U	UG/L
BROMOMETHANE	5.0	130 U	UG/L
2-BUTANONE (MEK)	10	250 U	UG/L
CARBON DISULFIDE	10	250 U	UG/L
CARBON TETRACHLORIDE	5.0	130 U	UG/L
CHLOROBENZENE	5.0	130 U	UG/L
CHLOROETHANE	5.0	290	UG/L
CHLOROFORM	5.0	130 U	UG/L
CHLOROMETHANE	5.0	130 U	UG/L
DIBROMOCHLOROMETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHANE	5.0	6500 E	UG/L
1,2-DICHLOROETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHENE	5.0	1500	UG/L
CIS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
1,2-DICHLOROPROPANE	5.0	130 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
ETHYLBENZENE	5.0	130 U	UG/L
2-HEXANONE	10	250 U	UG/L
METHYLENE CHLORIDE	5.0	130 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	250 U	UG/L
STYRENE	5.0	130 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	130 U	UG/L
TETRACHLOROETHENE	5.0	130 U	UG/L
TOLUENE	5.0	130 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	1700	UG/L
1,1,2-TRICHLOROETHANE	5.0	130 U	UG/L
TRICHLOROETHENE	5.0	130 U	UG/L
VINYL CHLORIDE	5.0	130 U	UG/L
O-XYLENE	5.0	130 U	UG/L
M+P-XYLENE	5.0	130 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	109	%
TOLUENE-D8	(91 - 113 %)	102	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	111	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-3

Date Sampled : 01/28/03 12:40 **Order #:** 617386 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/06/03			
ANALYTICAL DILUTION: 50.00			
ACETONE	20	1000 U	UG/L
BENZENE	5.0	250 U	UG/L
BROMODICHLOROMETHANE	5.0	250 U	UG/L
BROMOFORM	5.0	250 U	UG/L
BROMOMETHANE	5.0	250 U	UG/L
2-BUTANONE (MEK)	10	500 U	UG/L
CARBON DISULFIDE	10	500 U	UG/L
CARBON TETRACHLORIDE	5.0	250 U	UG/L
CHLOROBENZENE	5.0	250 U	UG/L
CHLOROETHANE	5.0	320	UG/L
CHLOROFORM	5.0	250 U	UG/L
CHLOROMETHANE	5.0	250 U	UG/L
DIBROMOCHLOROMETHANE	5.0	250 U	UG/L
1,1-DICHLOROETHANE	5.0	5800	UG/L
1,2-DICHLOROETHANE	5.0	250 U	UG/L
1,1-DICHLOROETHENE	5.0	1400	UG/L
CIS-1,2-DICHLOROETHENE	5.0	250 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	250 U	UG/L
1,2-DICHLOROPROPANE	5.0	250 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	250 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	250 U	UG/L
ETHYLBENZENE	5.0	250 U	UG/L
2-HEXANONE	10	500 U	UG/L
METHYLENE CHLORIDE	5.0	250 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	500 U	UG/L
STYRENE	5.0	250 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	250 U	UG/L
TETRACHLOROETHENE	5.0	250 U	UG/L
TOLUENE	5.0	250 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	1400	UG/L
1,1,2-TRICHLOROETHANE	5.0	250 U	UG/L
TRICHLOROETHENE	5.0	250 U	UG/L
VINYL CHLORIDE	5.0	250 U	UG/L
O-XYLENE	5.0	250 U	UG/L
M+P-XYLENE	5.0	250 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	109	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	112	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-3

Date Sampled : 01/28/03 12:40 **Order #:** 617386 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 2.00			
ETHANE	1.0	2.9	UG/L
ETHYLENE	1.0	2.0 U	UG/L
METHANE	2.0	120	UG/L
PROPANE	1.0	2.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-501

Date Sampled : 01/29/03 13:35 **Order #:** 617387 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/05/03			
ANALYTICAL DILUTION: 20.00			
ACETONE	20	400 U	UG/L
BENZENE	5.0	100 U	UG/L
BROMODICHLOROMETHANE	5.0	100 U	UG/L
BROMOFORM	5.0	100 U	UG/L
BROMOMETHANE	5.0	100 U	UG/L
2-BUTANONE (MEK)	10	200 U	UG/L
CARBON DISULFIDE	10	200 U	UG/L
CARBON TETRACHLORIDE	5.0	100 U	UG/L
CHLOROBENZENE	5.0	100 U	UG/L
CHLOROETHANE	5.0	100 U	UG/L
CHLOROFORM	5.0	100 U	UG/L
CHLOROMETHANE	5.0	100 U	UG/L
DIBROMOCHLOROMETHANE	5.0	100 U	UG/L
1,1-DICHLOROETHANE	5.0	4300 E	UG/L
1,2-DICHLOROETHANE	5.0	100 U	UG/L
1,1-DICHLOROETHENE	5.0	100 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	100 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	100 U	UG/L
1,2-DICHLOROPROPANE	5.0	100 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	100 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	100 U	UG/L
ETHYLBENZENE	5.0	100 U	UG/L
2-HEXANONE	10	200 U	UG/L
METHYLENE CHLORIDE	5.0	100 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	200 U	UG/L
STYRENE	5.0	100 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	100 U	UG/L
TETRACHLOROETHENE	5.0	100 U	UG/L
TOLUENE	5.0	100 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	100 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	100 U	UG/L
TRICHLOROETHENE	5.0	100 U	UG/L
VINYL CHLORIDE	5.0	100 U	UG/L
O-XYLENE	5.0	100 U	UG/L
M+P-XYLENE	5.0	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	109	%
TOLUENE-D8	(91 - 113 %)	100	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	112	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-501

Date Sampled : 01/29/03 13:35 **Order #:** 617387 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/06/03			
ANALYTICAL DILUTION: 25.00			
ACETONE	20	500 U	UG/L
BENZENE	5.0	130 U	UG/L
BROMODICHLOROMETHANE	5.0	130 U	UG/L
BROMOFORM	5.0	130 U	UG/L
BROMOMETHANE	5.0	130 U	UG/L
2-BUTANONE (MEK)	10	250 U	UG/L
CARBON DISULFIDE	10	250 U	UG/L
CARBON TETRACHLORIDE	5.0	130 U	UG/L
CHLOROBENZENE	5.0	130 U	UG/L
CHLOROETHANE	5.0	130 U	UG/L
CHLOROFORM	5.0	130 U	UG/L
CHLOROMETHANE	5.0	130 U	UG/L
DIBROMOCHLOROMETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHANE	5.0	4000	UG/L
1,2-DICHLOROETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHENE	5.0	130 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
1,2-DICHLOROPROPANE	5.0	130 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
ETHYLBENZENE	5.0	130 U	UG/L
2-HEXANONE	10	250 U	UG/L
METHYLENE CHLORIDE	5.0	130 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	250 U	UG/L
STYRENE	5.0	130 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	130 U	UG/L
TETRACHLOROETHENE	5.0	130 U	UG/L
TOLUENE	5.0	130 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	130 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	130 U	UG/L
TRICHLOROETHENE	5.0	130 U	UG/L
VINYL CHLORIDE	5.0	130 U	UG/L
O-XYLENE	5.0	130 U	UG/L
M+P-XYLENE	5.0	130 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	109	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	114	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-501

Date Sampled : 01/29/03 13:35 **Order #:** 617387 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 50.00			
ETHANE	1.0	50 U	UG/L
ETHYLENE	1.0	50 U	UG/L
METHANE	2.0	5400 E	UG/L
PROPANE	1.0	50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-501

Date Sampled : 01/29/03 13:35 **Order #:** 617387 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 100.00			
ETHANE	1.0	100 U	UG/L
ETHYLENE	1.0	100 U	UG/L
METHANE	2.0	5500	UG/L
PROPANE	1.0	100 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-502

Date Sampled : 01/27/03 14:25 **Order #:** 617388 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/05/03			
ANALYTICAL DILUTION: 100.00			
ACETONE	20	2000 U	UG/L
BENZENE	5.0	500 U	UG/L
BROMODICHLOROMETHANE	5.0	500 U	UG/L
BROMOFORM	5.0	500 U	UG/L
BROMOMETHANE	5.0	500 U	UG/L
2-BUTANONE (MEK)	10	1000 U	UG/L
CARBON DISULFIDE	10	1000 U	UG/L
CARBON TETRACHLORIDE	5.0	500 U	UG/L
CHLOROBENZENE	5.0	500 U	UG/L
CHLOROETHANE	5.0	500 U	UG/L
CHLOROFORM	5.0	500 U	UG/L
CHLOROMETHANE	5.0	500 U	UG/L
DIBROMOCHLOROMETHANE	5.0	500 U	UG/L
1,1-DICHLOROETHANE	5.0	17000	UG/L
1,2-DICHLOROETHANE	5.0	500 U	UG/L
1,1-DICHLOROETHENE	5.0	500 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	500 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	500 U	UG/L
1,2-DICHLOROPROPANE	5.0	500 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	500 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	500 U	UG/L
ETHYLBENZENE	5.0	500 U	UG/L
2-HEXANONE	10	1000 U	UG/L
METHYLENE CHLORIDE	5.0	500 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	1000 U	UG/L
STYRENE	5.0	500 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	500 U	UG/L
TETRACHLOROETHENE	5.0	500 U	UG/L
TOLUENE	5.0	500 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	500 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	500 U	UG/L
TRICHLOROETHENE	5.0	500 U	UG/L
VINYL CHLORIDE	5.0	500 U	UG/L
O-XYLENE	5.0	500 U	UG/L
M+P-XYLENE	5.0	500 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	108	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	114	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-502

Date Sampled : 01/27/03 14:25 **Order #:** 617388 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 50.00			
ETHANE	1.0	50 U	UG/L
ETHYLENE	1.0	50 U	UG/L
METHANE	2.0	3400	UG/L
PROPANE	1.0	50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : OWD-302D

Date Sampled : 01/28/03 15:50 **Order #:** 617389 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/06/03			
ANALYTICAL DILUTION: 5.00			
ACETONE	20	100 U	UG/L
BENZENE	5.0	25 U	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	510	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
ETHYLBENZENE	5.0	25 U	UG/L
2-HEXANONE	10	50 U	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	25 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L
VINYL CHLORIDE	5.0	25 U	UG/L
O-XYLENE	5.0	25 U	UG/L
M+P-XYLENE	5.0	25 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	108	%
TOLUENE-D8	(91 - 113 %)	100	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	110	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : OWD-302D

Date Sampled : 01/28/03 15:50 **Order #:** 617389 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.00			
ETHANE	1.0	8.3	UG/L
ETHYLENE	1.0	1.0 U	UG/L
METHANE	2.0	30	UG/L
PROPANE	1.0	2.9	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : OWD-302S

Date Sampled : 01/28/03 13:30 **Order #:** 617390 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/06/03			
ANALYTICAL DILUTION: 2000.00			
ACETONE	20	40000 U	UG/L
BENZENE	5.0	10000 U	UG/L
BROMODICHLOROMETHANE	5.0	10000 U	UG/L
BROMOFORM	5.0	10000 U	UG/L
BROMOMETHANE	5.0	10000 U	UG/L
2-BUTANONE (MEK)	10	20000 U	UG/L
CARBON DISULFIDE	10	20000 U	UG/L
CARBON TETRACHLORIDE	5.0	10000 U	UG/L
CHLOROBENZENE	5.0	10000 U	UG/L
CHLOROETHANE	5.0	10000 U	UG/L
CHLOROFORM	5.0	10000 U	UG/L
CHLOROMETHANE	5.0	10000 U	UG/L
DIBROMOCHLOROMETHANE	5.0	10000 U	UG/L
1,1-DICHLOROETHANE	5.0	330000	UG/L
1,2-DICHLOROETHANE	5.0	10000 U	UG/L
1,1-DICHLOROETHENE	5.0	10000 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	10000 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	10000 U	UG/L
1,2-DICHLOROPROPANE	5.0	10000 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	10000 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	10000 U	UG/L
ETHYLBENZENE	5.0	10000 U	UG/L
2-HEXANONE	10	20000 U	UG/L
METHYLENE CHLORIDE	5.0	10000 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	20000 U	UG/L
STYRENE	5.0	10000 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	10000 U	UG/L
TETRACHLOROETHENE	5.0	10000 U	UG/L
TOLUENE	5.0	10000 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	10000 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	10000 U	UG/L
TRICHLOROETHENE	5.0	10000 U	UG/L
VINYL CHLORIDE	5.0	10000 U	UG/L
O-XYLENE	5.0	10000 U	UG/L
M+P-XYLENE	5.0	10000 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	109	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	113	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : OWD-302S

Date Sampled : 01/28/03 13:30 **Order #:** 617390 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.00			
ETHANE	1.0	34	UG/L
ETHYLENE	1.0	25	UG/L
METHANE	2.0	16	UG/L
PROPANE	1.0	2.4	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-203

Date Sampled : 01/30/03 12:30 **Order #:** 617391 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

DATE ANALYZED : 02/06/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	108	%
TOLUENE-D8	(91 - 113 %)	99	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	113	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : OW-304

Date Sampled : 01/30/03 13:30 **Order #:** 617392 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	6.2	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	93	%
TOLUENE-D8	(91 - 113 %)	97	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	113	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Haley & Aldrich of New York
Project Reference: COOPERVISION #70665-009
Client Sample ID : MW-204

Date Sampled : 01/30/03 14:50 **Order #:** 617393 **Sample Matrix:** WATER
Date Received: 01/30/03 **Submission #:** R2315571 **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	7.7	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	6.4	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	7.0	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	94	%
TOLUENE-D8	(91 - 113 %)	98	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	112	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 619931 ANALYTICAL RUN # : 87763

DATE ANALYZED : 02/05/03
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	120	50 - 150
BENZENE	20.0	96	70 - 130
BROMODICHLOROMETHANE	20.0	103	70 - 130
BROMOFORM	20.0	98	70 - 130
BROMOMETHANE	20.0	82	50 - 150
2-BUTANONE (MEK)	20.0	83	50 - 150
CARBON DISULFIDE	20.0	93	70 - 130
CARBON TETRACHLORIDE	20.0	102	70 - 130
CHLOROBENZENE	20.0	95	70 - 130
CHLOROETHANE	20.0	98	70 - 130
CHLOROFORM	20.0	102	70 - 130
CHLOROMETHANE	20.0	100	70 - 130
DIBROMOCHLOROMETHANE	20.0	99	70 - 130
1,1-DICHLOROETHANE	20.0	101	70 - 130
1,2-DICHLOROETHANE	20.0	98	70 - 130
1,1-DICHLOROETHENE	20.0	96	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	99	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	94	70 - 130
1,2-DICHLOROPROPANE	20.0	93	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	101	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	101	70 - 130
ETHYLBENZENE	20.0	94	70 - 130
2-HEXANONE	20.0	81	70 - 130
METHYLENE CHLORIDE	20.0	101	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	84	70 - 130
STYRENE	20.0	96	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	93	70 - 130
TETRACHLOROETHENE	20.0	95	70 - 130
TOLUENE	20.0	95	70 - 130
1,1,1-TRICHLOROETHANE	20.0	92	70 - 130
1,1,2-TRICHLOROETHANE	20.0	96	70 - 130
TRICHLOROETHENE	20.0	96	70 - 130
VINYL CHLORIDE	20.0	100	70 - 130
O-XYLENE	20.0	94	70 - 130
M+P-XYLENE	40.0	94	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 619933 ANALYTICAL RUN # : 87763

DATE ANALYZED : 02/06/03
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	120	50 - 150
BENZENE	20.0	93	70 - 130
BROMODICHLOROMETHANE	20.0	102	70 - 130
BROMOFORM	20.0	98	70 - 130
BROMOMETHANE	20.0	88	50 - 150
2-BUTANONE (MEK)	20.0	85	50 - 150
CARBON DISULFIDE	20.0	105	70 - 130
CARBON TETRACHLORIDE	20.0	100	70 - 130
CHLOROBENZENE	20.0	92	70 - 130
CHLOROETHANE	20.0	94	70 - 130
CHLOROFORM	20.0	101	70 - 130
CHLOROMETHANE	20.0	108	70 - 130
DIBROMOCHLOROMETHANE	20.0	103	70 - 130
1,1-DICHLOROETHANE	20.0	93	70 - 130
1,2-DICHLOROETHANE	20.0	102	70 - 130
1,1-DICHLOROETHENE	20.0	92	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	93	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	88	70 - 130
1,2-DICHLOROPROPANE	20.0	88	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	100	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	102	70 - 130
ETHYLBENZENE	20.0	91	70 - 130
2-HEXANONE	20.0	81	70 - 130
METHYLENE CHLORIDE	20.0	99	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	84	70 - 130
STYRENE	20.0	94	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	93	70 - 130
TETRACHLOROETHENE	20.0	95	70 - 130
TOLUENE	20.0	91	70 - 130
1,1,1-TRICHLOROETHANE	20.0	91	70 - 130
1,1,2-TRICHLOROETHANE	20.0	95	70 - 130
TRICHLOROETHENE	20.0	94	70 - 130
VINYL CHLORIDE	20.0	104	70 - 130
O-XYLENE	20.0	94	70 - 130
M+P-XYLENE	40.0	91	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 619935 ANALYTICAL RUN # : 87763

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	84	50 - 150
BENZENE	20.0	92	70 - 130
BROMODICHLOROMETHANE	20.0	103	70 - 130
BROMOFORM	20.0	104	70 - 130
BROMOMETHANE	20.0	81	50 - 150
2-BUTANONE (MEK)	20.0	64	50 - 150
CARBON DISULFIDE	20.0	89	70 - 130
CARBON TETRACHLORIDE	20.0	106	70 - 130
CHLOROBENZENE	20.0	101	70 - 130
CHLOROETHANE	20.0	88	70 - 130
CHLOROFORM	20.0	94	70 - 130
CHLOROMETHANE	20.0	102	70 - 130
DIBROMOCHLOROMETHANE	20.0	109	70 - 130
1,1-DICHLOROETHANE	20.0	88	70 - 130
1,2-DICHLOROETHANE	20.0	101	70 - 130
1,1-DICHLOROETHENE	20.0	88	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	87	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	84	70 - 130
1,2-DICHLOROPROPANE	20.0	86	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	98	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	96	70 - 130
ETHYLBENZENE	20.0	99	70 - 130
2-HEXANONE	20.0	76	70 - 130
METHYLENE CHLORIDE	20.0	92	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	71	70 - 130
STYRENE	20.0	101	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	97	70 - 130
TETRACHLOROETHENE	20.0	110	70 - 130
TOLUENE	20.0	92	70 - 130
1,1,1-TRICHLOROETHANE	20.0	87	70 - 130
1,1,2-TRICHLOROETHANE	20.0	89	70 - 130
TRICHLOROETHENE	20.0	93	70 - 130
VINYL CHLORIDE	20.0	104	70 - 130
O-XYLENE	20.0	100	70 - 130
M+P-XYLENE	40.0	101	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 619930 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 87763

DATE ANALYZED : 02/05/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	108	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 619932 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 87763

DATE ANALYZED : 02/06/03
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	108	%
TOLUENE-D8	(91 - 113 %)	101	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	110	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 02/14/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 619934 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 87763

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	94	%
TOLUENE-D8	(91 - 113 %)	99	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	112	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: RSK-175 MODIFIED

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 619118 ANALYTICAL RUN # : 87618

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 5.0			
ETHANE	141	128	50 - 150
ETHYLENE	132	120	50 - 150
METHANE	75.4	126	50 - 150
PROPANE	207	133	50 - 150

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD RSK-175 MODIFIED
Reported: 02/19/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 619117 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 87618

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/07/03			
ANALYTICAL DILUTION: 1.00			
ETHANE	1.0	1.0 U	UG/L
ETHYLENE	1.0	1.0 U	UG/L
METHANE	2.0	2.0 U	UG/L
PROPANE	1.0	1.0 U	UG/L

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services, Inc.
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One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (716) 288-5380 • 800-695-7222 x11 • FAX (716) 288-8475

PAGE 1 OF 2

SR #

CAS Contact

Project Name: CooperVision	Project Number: 70665-009
Project Manager: Sue Boyle	Report CC:
Company/Address: Haley & Aldrich, 200 Town Centre Drive, Suite 2, Rochester, NY 14623	
Phone #: 359.9000	FAX#: 359.4650
Sampler's Signature: Scott Amorowicz	Sampler's Printed Name: Scott Amorowicz/Michele Reed

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 1

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES/ PCB's ☐ 8081 ☐ 608 ☐ CLP ☐ 8082	STARS LIST 8021 VOA's ☐ TOTAL ☐ TCLP	STARS LIST 8270 SVOA's ☐ TOTAL ☐ TCLP	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	RSK-175	REMARKS/ ALTERNATE DESCRIPTION
Trip Blank	617380	1/30	—	AQ	3	X											
MW-202	381	1/29	1600	GW	3	X											
(SP) MW-203					3	X											on page 2
(SP) MW-204					3	X											" "
MW-205	382	1/28	1515		6	X								X			
MW-2	383	1/29	1500		3	X											
(SP) MW-304					3	X											on page 2
MW-401	384	1/29	1220		3	X											
MW-402	385	1/27	1145		3	X											
MW-3	386	1/28	1240	↓	6	X								X			

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

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
X I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Speicalized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO: SAME

SUBMISSION #: R231557 1

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 4°C CUSTODY SEALS: (Y) N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Scott Amorowicz	Signature: ~~FedEx~~ ~~tracking #~~	Signature: Brian Collen	Signature:	Signature:	Signature:
Printed Name: ~~Scott~~ Amorowicz	Printed Name:	Printed Name: Brian Collen	Printed Name:	Printed Name:	Printed Name:
Firm: H3A ~~H&A~~	Firm:	Firm: S&S	Firm:	Firm:	Firm:
Date/Time: 1/30 1654	Date/Time:	Date/Time: 1/30/03 1654	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

#5366

SCOC-0101-08

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SR #

CAS Contact

Project Name: Coopervision	Project Number: 70665-009
Project Manager: Sue Boyle	Report CC:
Company/Address: H&A / 200 Town Centre Drive Suite 2 Rochester, NY 14623	
Phone #: 359.9000	FAX#: 359.4650
Sampler's Signature:	Sampler's Printed Name: S. Amoroso / M. Ray

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES/ PCB's ☐ 8081 ☐ 608 ☐ CLP ☐ 8082	STAR'S LIST 8021 VOA's ☐ TOTAL ☐ TCLP	STAR'S LIST 8270 SVOA's ☐ TOTAL ☐ TCLP	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	RSK-175
MW-501	617387	1/29	1335	GW	6	X									X	X
MW-502	388	1/27	1425		6	X									X	X
OWD-302D	389	1/28	1550		6	X									X	X
OWS-302S	390	1/28	1330		6	X									X	X
MW-203	391	1/30	1230		3	X										
~~MW~~ MW-304	392	1/30	1330		3	X										
MW-204	393	1/30	1450		3	X										

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

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
X I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Speicalized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO: SAME
SUBMISSION #: R2315571

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 4°C CUSTODY SEALS: (Y) N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature	Signature	Signature	Signature
Printed Name: Scott Amoroso	Printed Name: Bruce Collier	Printed Name	Printed Name	Printed Name	Printed Name
Firm: H&A	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 1/30 1654	Date/Time: 1/30/52 1654	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-0101-08

R2307

Cooler Receipt And Preservation Check Form

Project/Client HaA Submission Number R0315571.

Cooler received on 1/30/03 by: BC COURIER: CAS UPS FEDEX CD&L (CLIENT)

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant air bubbles?	YES	(NO)	N/A		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC)	CLIENT			
7.	Temperature of cooler(s) upon receipt:	4°				
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 1/30/03 17:05

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 1/31/03 by: _____

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

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H_2SO_4

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				
		All VOAs Okay; pH<2	VM 02/20/03	

Other Comments:

Keystone
LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

MEMBER ACIL

Accreditations:
Iowa DNR: 095
New Jersey DEP: IA001
Kansas DHE: E-10287

ANALYTICAL REPORT

February 10, 2003

Work Order: 13A1075

Report To	Work Order Information
Sue Boyle Haley & Aldrich - NY 200 Town Center Drive Rochester, NY 14623	Date Received: 01/31/2003 10:30AM Collector: Reay, Michelle/Amrozdwicz, Scott Phone: 716-359-9000 PO Number:

Project :Regenesis
Project Number: Coopervision

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
13A1075-01 MW-205				Matrix:Water		Collected: 01/28/03 15:15	
Determination of Metabolic Acids							
Pyruvic Acid (C3)	<0.1 mg/l	0.1	1B30612	HPLC/UV	JLH	02/05/03 14:43	
Lactic Acid (C3)	**41.0 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 14:43	
Acetic Acid (C2)	**273 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 14:43	
Propionic Acid (C3)	**134 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 14:43	
Butyric Acid (C4)	**13.1 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 14:43	
13A1075-02 MW-3				Matrix:Water		Collected: 01/28/03 12:40	
Determination of Metabolic Acids							
Pyruvic Acid (C3)	<0.1 mg/l	0.1	1B30612	HPLC/UV	JLH	02/05/03 15:04	
Lactic Acid (C3)	**12.5 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:04	
Acetic Acid (C2)	**86.8 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:04	
Propionic Acid (C3)	**241 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:04	
Butyric Acid (C4)	**157 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:04	
13A1075-03 MW-501				Matrix:Water		Collected: 01/29/03 13:35	
Determination of Metabolic Acids							
Pyruvic Acid (C3)	<0.1 mg/l	0.1	1B30612	HPLC/UV	JLH	02/05/03 15:25	
Lactic Acid (C3)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 15:25	
Acetic Acid (C2)	**33.3 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:25	
Propionic Acid (C3)	**15.2 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:25	
Butyric Acid (C4)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 15:25	
13A1075-04 MW-502				Matrix:Water		Collected: 01/27/03 14:25	
Determination of Metabolic Acids							
Pyruvic Acid (C3)	<0.1 mg/l	0.1	1B30612	HPLC/UV	JLH	02/05/03 15:46	
Lactic Acid (C3)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 15:46	
Acetic Acid (C2)	**236 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:46	
Propionic Acid (C3)	**233 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:46	
Butyric Acid (C4)	**54.8 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 15:46	
13A1075-05 MW-302D				Matrix:Water		Collected: 01/28/03 15:50	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.

Haley & Aldrich - NY
200 Town Center Drive
Rochester, NY 14623

Work Order: 13A1075

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
13A1075-05 MW-302D				Matrix:Water		Collected: 01/28/03 15:50	
Determination of Metabolic Acids							
Pyruvic Acid (C3)	<0.1 mg/l	0.1	1B30612	HPLC/UV	JLH	02/05/03 16:08	
Lactic Acid (C3)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 16:08	
Acetic Acid (C2)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 16:08	
Propionic Acid (C3)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 16:08	
Butyric Acid (C4)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 16:08	
13A1075-06 MW-302S				Matrix:Water		Collected: 01/28/03 13:30	
Determination of Metabolic Acids							
Pyruvic Acid (C3)	<0.1 mg/l	0.1	1B30612	HPLC/UV	JLH	02/05/03 16:29	
Lactic Acid (C3)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 16:29	
Acetic Acid (C2)	**297 mg/l**	**1.0**	1B30612	HPLC/UV	JLH	02/05/03 16:29	
Propionic Acid (C3)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 16:29	
Butyric Acid (C4)	<1.0 mg/l	1.0	1B30612	HPLC/UV	JLH	02/05/03 16:29	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.

Haley & Aldrich - NY
200 Town Center Drive
Rochester, NY 14623

Work Order: 13A1075

Determination of Metabolic Acids - Quality Control
Keystone Laboratories, Inc. - Newton

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1B30612 - General Prep HPLC/IC										
Blank (1B30612-BLK1)				Prepared & Analyzed: 02/05/03						
Pyruvic Acid (C3)	ND	0.1	mg/l							
Lactic Acid (C3)	ND	1.0	"							
Acetic Acid (C2)	ND	1.0	"							
Propionic Acid (C3)	ND	1.0	"							
Butyric Acid (C4)	ND	1.0	"							
LCS (1B30612-BS1)				Prepared & Analyzed: 02/05/03						
Pyruvic Acid (C3)	35.98	0.1	mg/l	30.90		116	66-134			
Lactic Acid (C3)	178.4	1.0	"	177.2		101	68-138			
Acetic Acid (C2)	171.7	1.0	"	164.4		104	73-122			
Propionic Acid (C3)	166.8	1.0	"	162.3		103	77-120			
Butyric Acid (C4)	176.9	1.0	"	171.2		103	75-119			
Calibration Check (1B30612-CCV1)				Prepared & Analyzed: 02/05/03						
Pyruvic Acid (C3)	14.62	0.1	mg/l	14.30		102	80-120			
Lactic Acid (C3)	110.3	1.0	"	117.3		94.0	80-120			
Acetic Acid (C2)	104.4	1.0	"	102.2		102	80-120			
Propionic Acid (C3)	101.9	1.0	"	102.0		99.9	80-120			
Butyric Acid (C4)	100.8	1.0	"	102.6		98.2	80-120			
Calibration Check (1B30612-CCV2)				Prepared & Analyzed: 02/05/03						
Pyruvic Acid (C3)	14.98	0.1	mg/l	14.30		105	80-120			
Lactic Acid (C3)	110.2	1.0	"	117.3		93.9	80-120			
Acetic Acid (C2)	105.5	1.0	"	102.2		103	80-120			
Propionic Acid (C3)	98.66	1.0	"	102.0		96.7	80-120			
Butyric Acid (C4)	98.21	1.0	"	102.6		95.7	80-120			
Matrix Spike (1B30612-MS1)	**Source: 13A1090-02**			Prepared & Analyzed: 02/05/03						
Pyruvic Acid (C3)	24.92	0.1	mg/l	20.60	ND	121	58-127			
Lactic Acid (C3)	123.0	1.0	"	118.2	ND	104	58-132			
Acetic Acid (C2)	119.3	1.0	"	109.6	ND	109	65-128			
Propionic Acid (C3)	118.8	1.0	"	108.2	ND	110	64-128			
Butyric Acid (C4)	123.2	1.0	"	114.1	ND	108	67-127			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.

Haley & Aldrich - NY
200 Town Center Drive
Rochester, NY 14623

Work Order: 13A1075

February 10, 2003

Determination of Metabolic Acids - Quality Control
Keystone Laboratories, Inc. - Newton

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1B30612 - General Prep HPLC/IC										
Matrix Spike Dup (1B30612-MSD1)		**Source: 13A1090-02**		Prepared & Analyzed: 02/05/03						
Pyruvic Acid (C3)	24.77	0.1	mg/l	20.60	ND	120	58-127	0.604	28	
Lactic Acid (C3)	121.8	1.0	"	118.2	ND	103	58-132	0.980	29	
Acetic Acid (C2)	118.7	1.0	"	109.6	ND	108	65-128	0.504	31	
Propionic Acid (C3)	115.0	1.0	"	108.2	ND	106	64-128	3.25	28	
Butyric Acid (C4)	123.1	1.0	"	114.1	ND	108	67-127	0.0812	26	

ND = Non Detect; REC= Recovery; RPD= Relative Percent Difference

End of Report

Ericka Weintz

Keystone Laboratories, Inc.
Ericka Weintz
Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.

CHAIN OF CUSTODY RECORD

Keystone LABORATORIES, INC.

☑ 600 E. 17th St. S.
Newton, IA 50208
Phone: 641-792-8451
Fax: 641-792-7989

☐ 3012 Ansborough Ave.
Waterloo, IA 50701
Phone: 319-235-4440
Fax: 319-235-2480

☐ 1304 Adams
Kansas City, KS 66103
Phone: 913-321-7856
Fax: 913-321-7937

PAGE 1 OF 1

PRINT OR TYPE INFORMATION BELOW
SAMPLER: Scott Amrozowicz / Michelle Reay
SITE NAME: Coopervision
ADDRESS:
CITY/ST/ZIP: Scottsville, NY
PHONE:

REPORT TO:
NAME: Sue Boyle
COMPANY NAME: Haley + Aldrich
ADDRESS: 200 Town Centre Dr. Suite 2
CITY/ST/ZIP: Rochester, NY 14623
PHONE: 585-359-9000
FAX: 585-359-4650

BILL TO:
NAME: Sue Boyle
COMPANY NAME: Haley & Aldrich
ADDRESS: 200 Town Centre Dr. Suite 2
CITY/ST/ZIP: Rochester, NY
PHONE: 585-359-9000

Keystone Quote No.: (If Applicable)

CLIENT SAMPLE NUMBER	DATE	TIME	SAMPLE LOCATION	NO. OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Metabolic Acids	LAB USE ONLY: SAMPLE CONDITION/COMMENTS	LABORATORY SAMPLE NUMBER
	1/28	1515	MW-205	1	GW	G	X		01
	1/28	1240	MW-3				X		02
	1/29	1335	MW-501				X		03
	1/27	1425	MW-502				X		04
	1/28	1550	OW-302D				X		05
	1/28	1330	OW-302S	↓	↓	↓	X		06

LABORATORY WORK ORDER NO.: 1371075

SAMPLE TEMPERATURE UPON RECEIPT: °C

Relinquished by: (Signature) Scott	Date 1/30	Received by: (Signature) FED EX # 7912 8700 6536	Date 1/30	Turn Around: ☑ Standard ☐ Rush	
	Time 1615		Time 1615	Contact Lab Prior to Submission	
Relinquished by: (Signature)	Date	Received for Lab by: (Signature) KLO	Date 1/31/03	Remarks:	
	Time		Time 10:30		

Original - Return with Report • Yellow - Lab Copy • Pink - Sampler Copy

FORM: CCR 7-97