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February 14, 2003

Mr. Walter Wintsch
New York State Department of Environmental Conservation
Office of Environmental Quality, Region 4
1150 North Wescott Road
Schenectady, New York 12306-2014

Subject: December 2002 Quarterly Sampling Results for Alexander Schmigel Site
Hoosick Falls, New York

Dear Mr. Wintsch:

On behalf of Honeywell, Parsons is pleased to present this letter report for two consecutive quarterly groundwater sampling events at Honeywell's Alexander Schmigel site near Hoosick Falls, New York. Parsons conducted sampling events on September 26 - 27, 2002 and December 30 - 31, 2002. The following sections describe the project approach and findings for the sampling effort. Attachment 1 presents a site plan, summary graphs, and summary tables. Attachment 2 presents copies of the laboratory analytical data.

Groundwater samples were collected at monitoring wells OW-27, OW-28, OW-29, as well as the cistern located north of OW-29 (Figure 1). The Bentley residence well (RW-2) no longer exists as the house burned down some time between the last sampling event conducted in June 1999 by ENSR and the current quarterly sampling event conducted by Parsons. The house location has been excavated and no evidence of the former residential well was found.

Background

The site is located northeast of Hoosick Falls, New York. Background information indicates the site was at one time a sand and gravel pit where various waste materials (i.e., construction and demolition debris), including approximately 165 partially full drums of waste products, were placed. Several rounds of groundwater sample results since 1986 have showed volatile organic compounds (VOCs) present in groundwater, with a general trend of decreasing concentrations over time. Quarterly groundwater sampling was last conducted in June 1999. Acetone, toluene, ethylbenzene, and xylenes were detected in OW-27 (78 ug/L, 3.6 ug/L, 54 ug/L, and 160 ug/L respectively), and acetone was detected in OW-28 (31 ug/L) under this quarterly sampling event. In a letter dated May 17, 2002, the New York State Department of Environmental Conservation (NYSDEC) requested that Honeywell resume the quarterly monitoring program.

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Alexander Schmigel Site
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Groundwater Sampling

December, 2002

Parsons mobilized to the site on December 30, 2002 to purge and sample monitoring wells OW-27, OW-28 and OW-29 and the cistern. Parsons purged each well using a low-flow peristaltic pump. All associated tubing was dedicated to one well/cistern to prevent cross-contamination. Groundwater field parameters (pH, temperature, and specific conductance) were measured for OW-28 and the cistern during purging (Table 1). The wells were allowed to recharge before sampling occurred. Higher water levels produced greater recharge rates; therefore all samples were collected on December 30, 2002. A minimum of three well volumes was purged prior to sampling. Field measurements were collected while purging for all the locations (Table 2).

Groundwater samples from the three monitoring wells and the cistern, as well as a duplicate sample from OW-28, were collected and submitted for analysis to Columbia Analytical Services (CAS) in Rochester, New York, using standard chain-of-custody procedures. Samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) (EPA SW846 Method 8260B) and methyl cellosolve (EPA SW846 Method 8015). Laboratory data sheets are presented in Attachment 2.

Results and Conclusions

Acetone was the only analyte detected in the samples. Acetone was detected at OW-27 at a concentration of 210 ug/L during the September event and below detection limits in December. Figure 2 shows historical concentrations of acetone at OW-27. No other VOCs were detected in OW-27.

The next quarterly sampling event is scheduled for March 2003. Please feel free to contact me at (716) 633-7074 or, Ms. Maria Kaouris at (973) 455-3302 if you have any questions concerning the project or this report.

Sincerely,



Robert Kuberka
Project Manager

cc. Project File 742641
Deb Christian, NYSDEC
David Cooke, Honeywell
Maria Kaouris, Honeywell

ATTACHMENT 1
FIGURES AND TABLES



LEGEND:

- OW27 OBSERVATION WELL APPROXIMATE LOCATION
- RW-1 RESIDENTIAL WELL APPROXIMATE LOCATION
- DRAINAGE SWALE
- APPROXIMATE LIMITS

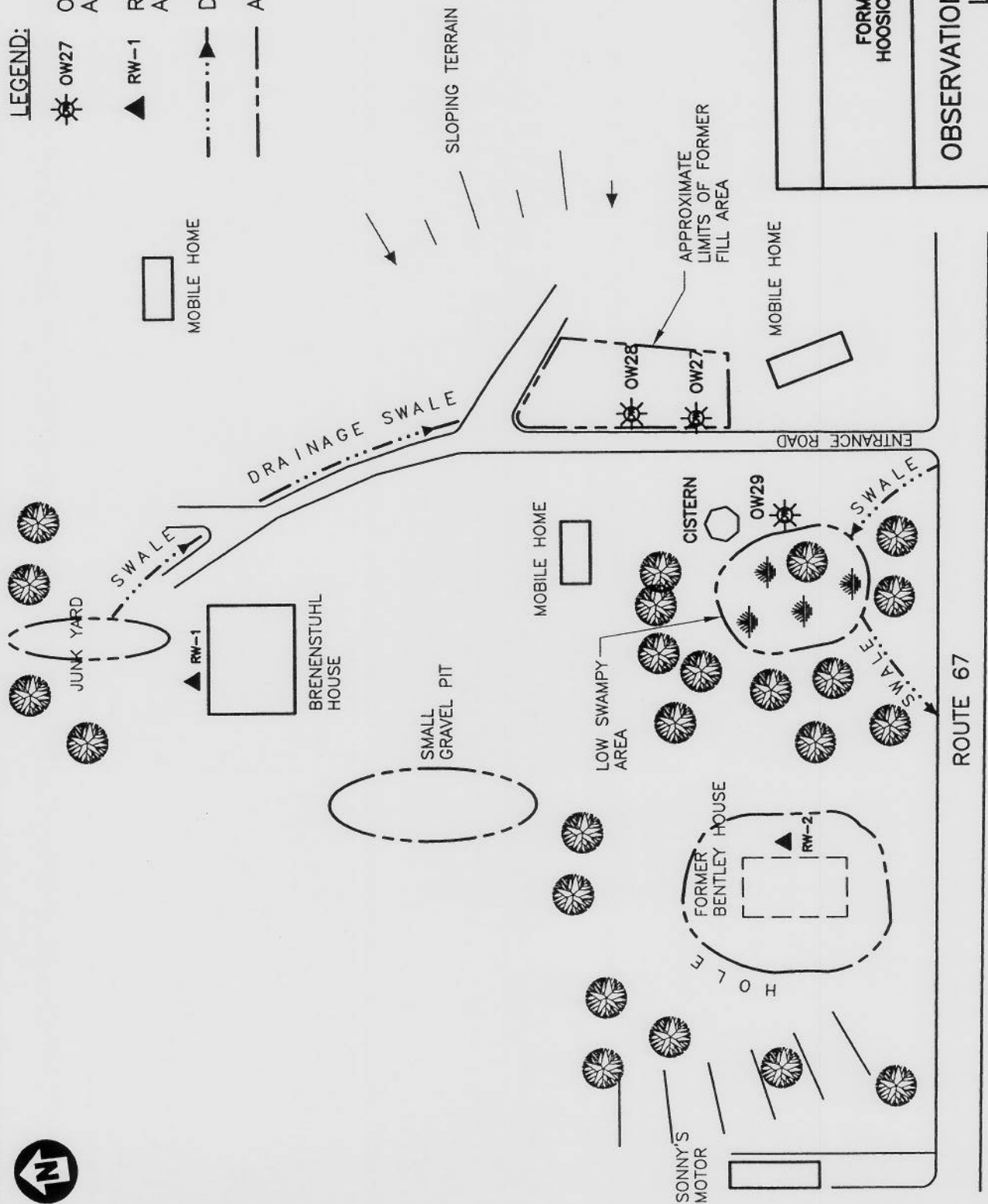


FIGURE 1

**HONEYWELL
FORMER SCHMIGEL SITE
HOOSICK FALLS, NEW YORK**

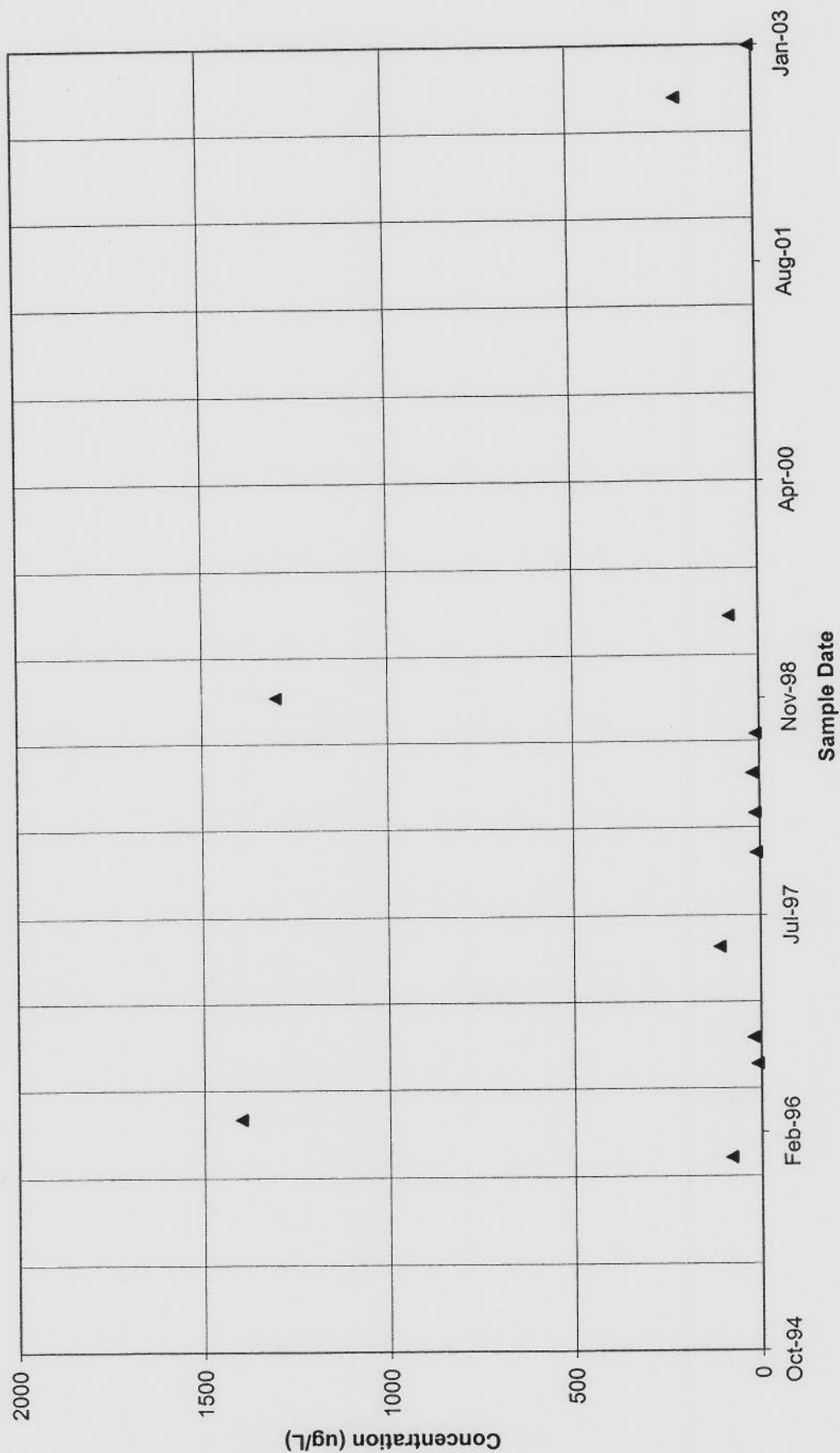
**OBSERVATION WELL AND CISTERN
LOCATIONS**

PARSONS

290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

ALEXANDER SCHMIGEL PROPERTY QUARTERLY GROUNDWATER MONITORING

Figure 2
Acetone Concentration Vs. Time, Well OW-27



ALEXANDER SCHMIGEL PROPERTY QUARTERLY GROUND WATER MONITORING

Table 1
Water Level Measurement and Groundwater Field Parameters
September 26-27, 2002

Monitoring Well	pH	Temperature	Specific Conductance (mhos)	Volume Removed (gallons)	Depth to Water (ft)	Purge Rate (mL/min)
OW-27	NA	NA	NA	0.03	13.64	100
OW-28	5.79	58	0.07	2.1	8.1	400
OW-29	NA	NA	NA	0.03	5.10	100
Cistern	6.39	58.6	0.09	5-6	1.14	150

NA - Not Available

ALEXANDER SCHMIGEL PROPERTY QUARTERLY GROUND WATER MONITORING

Table 1
Water Level Measurement and Groundwater Field Parameters
September 26-27, 2002

Monitoring Well	pH	Temperature	Specific Conductance (mhos)	Volume Recovered (gallons)	Depth to Water (ft)	Purge Rate (mL/min)
OW-27	NA	NA	NA	0.03	13.64	100
OW-28	5.79	58	0.07	2.1	8.1	400
OW-29	NA	NA	NA	0.03	5.10	100
Cistern	6.39	58.6	0.09	5-6	1.14	150

NA - Not Available

ATTACHMENT 2
LABORATORY ANALYSIS

Oct-22-02

16:13

From-CAS-Rochester

+2885380

T-420 P.001/013 F-391

Date: October 22, 2002
Number of pages: 131 Mustard St., Suite 250
Rochester, NY 14609

To:

Mr. William Long
Parsons Engineering Science
290 Elwood Davis Road
Suite 312
Liverpool, NY 13088Tom
Abrams

Phone: 315-451-9560

Fax: 315-451-9570

CC:

From:

Mark Wilson

Phone: (585) 288-5380

Fax: (585) 288-8475

RUSH REPORT

Submission #: R2214020
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520

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COLUMBIA ANALYTICAL SERVICESEXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : C1S01Date Sampled : 09/26/02 Order #: 588717 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 83597

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/10/02			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	104	%

COLUMBIA ANALYTICAL SERVICESEXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-OW-28Date Sampled : 09/26/02 Order #: 588718 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 83597

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/10/02			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	91	%

COLUMBIA ANALYTICAL SERVICESEXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-OW-27Date Sampled : 09/27/02 Order #: 588719 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 83597

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/10/02			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	90	%

COLUMBIA ANALYTICAL SERVICESEXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-OW-29Date Sampled : 09/27/02 Order #: 588720 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 83597

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/10/02			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	84	%

COLUMBIA ANALYTICAL SERVICESEXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : TRIP BLANKDate Sampled : 09/27/02 Order #: 588721 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 83597

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/10/02			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	83	%

COLUMBIA ANALYTICAL SERVICESEXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-DUPDate Sampled : 09/26/02
Date Received: 09/27/02Order #: 588722
Submission #: R2214020Sample Matrix: WATER
Analytical Run 83597

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/10/02			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	88	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : C1S01Date Sampled : 09/26/02 Order #: 588717 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 84095

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/08/02			
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	10	10 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	10	10 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 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 RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(83 - 118 %)	107	%
TOLUENE-D8	(91 - 113 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 10/22/02

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-OW-28

Date Sampled : 09/26/02 Order #: 588718 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 84095

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/08/02			
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	10	10 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	10	10 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 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			

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE
TOLUENE-D8
DIBROMOFLUOROMETHANE

(83 - 118 %)
(91 - 113 %)
(87 - 115 %)

108 %
105 %
104 %

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-OW-27Date Sampled : 09/27/02 Order #: 588719 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 84095

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/08/02			
ANALYTICAL DILUTION: 10.00			
ACETONE	20	210	UG/L
BENZENE	5.0	50 U	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	10	100 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON DISULFIDE	5.0	50 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	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	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	50 U	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	10	100 U	UG/L
2-HEXANONE	5.0	50 U	UG/L
METHYLENE CHLORIDE	10	100 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	50 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	50 U	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 RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(83 - 118 %)	107	%
TOLUENE-D8	(91 - 113 %)	105	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 10/22/02

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-OW-29

Date Sampled : 09/27/02 Order #: 588720 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 84095

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/08/02			
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	10	10 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	10	10 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 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 RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(83 - 118 %)	106	%
TOLUENE-D8	(91 - 113 %)	104	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 10/22/02

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : TRIP BLANK

Date Sampled : 09/27/02 Order #: 588721 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 84095

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/08/02			
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	10	10 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	10	10 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 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 RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(83 - 118 %)	106	%
TOLUENE-D8	(91 - 113 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	103	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 10/22/02Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL PN-742641.06520
Client Sample ID : HF-DUPDate Sampled : 09/26/02 Order #: 588722 Sample Matrix: WATER
Date Received: 09/27/02 Submission #: R2214020 Analytical Run 84095

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/08/02			
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	10	10 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	10	10 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 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 RECOVERIESQC LIMITS

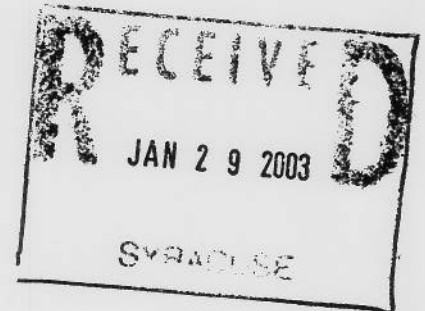
4-BROMOFLUOROBENZENE	(83 - 118 %)	107	%
TOLUENE-D8	(91 - 113 %)	106	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	104	%



A FULL SERVICE ENVIRONMENTAL LABORATORY

January 23, 2003

Mr. Thomas Abrams
Parsons Engineering Science
290 Elwood Davis Road
Suite 312
Liverpool, NY 13088



PROJECT: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Submission #: R2315172

Dear Mr. Abrams

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

Mark Wilson
Client Service Manager

Enc.



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

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Lab Submission # : R2315172
Project Manager : Mark Wilson
Reported : 01/23/03

Report Contains a total of 23 pages

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

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



CASE NARRATIVE

This report contains analytical results for the following samples:

Submission #: R2315172

<u>Lab ID</u>	<u>Client ID</u>
611899	CS-1
611900	OW-29
611901	OW-27
611902	HF-DUP
611903	OW-28
611904	TRIP BLANK

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications.



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 SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/23/03Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : CS-1

Date Sampled : 12/30/02	Order #: 611899	Sample Matrix: WATER
Date Received: 12/31/02	Submission #: R2315172	Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/03/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

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

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 01/23/03

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : CS-1

Date Sampled : 12/30/02 Order #: 611899 Sample Matrix: WATER
Date Received: 12/31/02 Submission #: R2315172 Analytical Run 86675

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/10/03			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
1-PROPANOL	(50 - 150 %)	99	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/23/03

Parsons Engineering Science

Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641

Client Sample ID : OW-29

Date Sampled : 12/30/02	Order #: 611900	Sample Matrix: WATER
Date Received: 12/31/02	Submission #: R2315172	Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/07/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(83 - 118 %)	107	%
TOLUENE-D8	(91 - 113 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 01/23/03

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : OW-29

Date Sampled : 12/30/02 Order #: 611900 Sample Matrix: WATER
Date Received: 12/31/02 Submission #: R2315172 Analytical Run 86675

ANALYTE	PQL	RESULT	UNITS
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DATE ANALYZED : 01/10/03
ANALYTICAL DILUTION: 1.00

METHYL CELLOSOLVE	1000	1000 U	UG/L
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<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>
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1-PROPANOL	(50 - 150 %)	87	%
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COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/23/03

Parsons Engineering Science

Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641

Client Sample ID : OW-27

Date Sampled : 12/30/02	Order #: 611901	Sample Matrix: WATER
Date Received: 12/31/02	Submission #: R2315172	Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/03/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	118	%
TOLUENE-D8	(91 - 113 %)	107	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	108	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 01/23/03

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : OW-27

Date Sampled : 12/30/02 Order #: 611901 Sample Matrix: WATER
Date Received: 12/31/02 Submission #: R2315172 Analytical Run 86675

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/10/03			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
1-PROPANOL	(50 - 150 %)	97	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/23/03Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : HF-DUPDate Sampled : 12/30/02 Order #: 611902 Sample Matrix: WATER
Date Received: 12/31/02 Submission #: R2315172 Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/03/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	117	%
TOLUENE-D8	(91 - 113 %)	106	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	105	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 01/23/03

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : HF-DUP

Date Sampled : 12/30/02 Order #: 611902 Sample Matrix: WATER
Date Received: 12/31/02 Submission #: R2315172 Analytical Run 86675

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/10/03			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
1-PROPANOL	(50 - 150 %)	94	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/23/03

Parsons Engineering Science

Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641

Client Sample ID : OW-28

Date Sampled : 12/30/02	Order #: 611903	Sample Matrix: WATER
Date Received: 12/31/02	Submission #: R2315172	Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/03/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	118	%
TOLUENE-D8	(91 - 113 %)	106	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	109	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 01/23/03

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : OW-28

Date Sampled : 12/30/02 Order #: 611903 Sample Matrix: WATER
Date Received: 12/31/02 Submission #: R2315172 Analytical Run 86675

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/10/03			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
1-PROPANOL	(50 - 150 %)	102	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/23/03Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : TRIP BLANK

Date Sampled : 12/30/02	Order #: 611904	Sample Matrix: WATER
Date Received: 12/31/02	Submission #: R2315172	Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 01/03/03		
ANALYTICAL DILUTION:	1.00		
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(83 - 118 %)	118	%
TOLUENE-D8	(91 - 113 %)	106	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	108	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 01/23/03

Parsons Engineering Science
Project Reference: ALEXANDER SCHMIGEL, HOOSICK FALLS 742641
Client Sample ID : TRIP BLANK

Date Sampled : 12/30/02 Order #: 611904 Sample Matrix: WATER
Date Received: 12/31/02 Submission #: R2315172 Analytical Run 86675

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/10/03			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	85	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD: 8260B TCLLABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 615510

ANALYTICAL RUN #: 87014

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 01/03/03		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	79	50 - 150
BENZENE	20.0	91	70 - 130
BROMODICHLOROMETHANE	20.0	98	70 - 130
BROMOFORM	20.0	88	70 - 130
BROMOMETHANE	20.0	85	50 - 150
2-BUTANONE (MEK)	20.0	84	50 - 150
CARBON DISULFIDE	20.0	94	70 - 130
CARBON TETRACHLORIDE	20.0	90	70 - 130
CHLOROBENZENE	20.0	87	70 - 130
CHLOROETHANE	20.0	93	70 - 130
CHLOROFORM	20.0	100	70 - 130
CHLOROMETHANE	20.0	94	70 - 130
DIBROMOCHLOROMETHANE	20.0	89	70 - 130
1,1-DICHLOROETHANE	20.0	99	70 - 130
1,2-DICHLOROETHANE	20.0	103	70 - 130
1,1-DICHLOROETHENE	20.0	84	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	95	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	88	70 - 130
1,2-DICHLOROPROPANE	20.0	93	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	99	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	100	70 - 130
ETHYLBENZENE	20.0	85	70 - 130
2-HEXANONE	20.0	73	70 - 130
METHYLENE CHLORIDE	20.0	99	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	84	70 - 130
STYRENE	20.0	90	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	84	70 - 130
TETRACHLOROETHENE	20.0	85	70 - 130
TOLUENE	20.0	92	70 - 130
1,1,1-TRICHLOROETHANE	20.0	88	70 - 130
1,1,2-TRICHLOROETHANE	20.0	95	70 - 130
TRICHLOROETHENE	20.0	89	70 - 130
VINYL CHLORIDE	20.0	95	70 - 130
O-XYLENE	20.0	86	70 - 130
M+P-XYLENE	40.0	86	70 - 130

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD: 8260B TCLLABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 615512

ANALYTICAL RUN # : 87014

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 01/07/03			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	105	50 - 150
BENZENE	20.0	106	70 - 130
BROMODICHLOROMETHANE	20.0	100	70 - 130
BROMOFORM	20.0	98	70 - 130
BROMOMETHANE	20.0	108	50 - 150
2-BUTANONE (MEK)	20.0	101	50 - 150
CARBON DISULFIDE	20.0	113	70 - 130
CARBON TETRACHLORIDE	20.0	94	70 - 130
CHLOROBENZENE	20.0	102	70 - 130
CHLOROETHANE	20.0	111	70 - 130
CHLOROFORM	20.0	103	70 - 130
CHLOROMETHANE	20.0	104	70 - 130
DIBROMOCHLOROMETHANE	20.0	98	70 - 130
1,1-DICHLOROETHANE	20.0	105	70 - 130
1,2-DICHLOROETHANE	20.0	92	70 - 130
1,1-DICHLOROETHENE	20.0	106	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	104	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	100	70 - 130
1,2-DICHLOROPROPANE	20.0	105	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	108	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	103	70 - 130
ETHYLBENZENE	20.0	105	70 - 130
2-HEXANONE	20.0	101	70 - 130
METHYLENE CHLORIDE	20.0	108	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	103	70 - 130
STYRENE	20.0	106	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	106	70 - 130
TETRACHLOROETHENE	20.0	104	70 - 130
TOLUENE	20.0	105	70 - 130
1,1,1-TRICHLOROETHANE	20.0	91	70 - 130
1,1,2-TRICHLOROETHANE	20.0	105	70 - 130
TRICHLOROETHENE	20.0	101	70 - 130
VINYL CHLORIDE	20.0	107	70 - 130
O-XYLENE	20.0	105	70 - 130
M+P-XYLENE	40.0	104	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 01/23/03

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 615509	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/03/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	2.0	2.0 U	UG/L

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(83 - 118 %)	116	%
TOLUENE-D8	(91 - 113 %)	107	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	102	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 01/23/03Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 615511	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 87014

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/07/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
CARBON DISULFIDE	5.0	5.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	2.0	2.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(83 - 118 %)	106	%
TOLUENE-D8	(91 - 113 %)	103	%
DIBROMOFLUOROMETHANE	(87 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 612930

Dup Spiked Order No. : 612931

Client ID:

Test: 8015B METHANOL

Analytical Units: UG/L

Run Number : 86675

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS		
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
METHYL CELLOSOLVE	20000	0	18500	93	16400	82	12	30	50 - 150	

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8015B METHANOL
Reported: 01/23/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 612929	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 86675

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 01/10/03			
ANALYTICAL DILUTION: 1.00			
METHYL CELLOSOLVE	1000	1000 U	UG/L
SURROGATE RECOVERIES	QC LIMITS		
1-PROPANOL	(50 - 150 %)	84	%



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SF #
CAS Contact

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Project Name Alex. Schmigel, Hoosick Falls		Project Number 742641	
Project Manager Tom Abrams		Report CC	
Company/Address Parsons 315 Elwood Davis Site 312 Liverpool, NY 13088			
Phone # 315 451 9560		FAX#	
Sampler's Signature <i>James W. Schuetz</i>		Sampler's Printed Name James W. Schuetz	
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	MATRIX
CS-1	611899	12/30/1400	W
DW-29	900	12/30/1440	W
DW-27	01	12/30/1515	W
HF-DUP	02	12/30/1515	W
DW-28	03	12/30/1640	W
Tip Blank	04		W
NUMBER OF CONTAINERS			
GC/MS VOA's ☒ 8260 ☐ 624 ☐ CLP			
GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP			
GC VOA's ☐ 8021 ☐ 601/602			
PESTICIDES ☐ 8081 ☐ 608 ☐ CLP			
PCB's ☐ 8082 ☐ 608 ☐ CLP			
METALS, TOTAL (List in comments below)			
METALS, DISSOLVED (List in comments below)			
Methyl cellosolve			
Preservative Key 0. NONE 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn Acetate 6. MeOH 7. NaHSO4 8. Other			
REMARKS/ ALTERNATE DESCRIPTION 12/30/2			
SPECIAL INSTRUCTIONS/COMMENTS Metals			
TURNAROUND REQUIREMENTS RUSH (SUCH AS CHARGES APPLY) 24 hr 48 hr 5 day STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE			
REPORT REQUIREMENTS Results Only II. Results + QC Summaries (I.C.S. DUP, MSMSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Etalad Yes No			
INVOICE INFORMATION PO# BILL TO: SUBMISSION # 1222/5171			
SAMPLE RECEIPT: CONDITION/COOLER TEMP. RELINQUISHED BY		CUSTODY SEALS: Y N RECEIVED BY	
Signature <i>James W. Schuetz</i> Printed Name James W. Schuetz Firm Parsons Date/Time 12/31 1440		Signature <i>Tom Abrams</i> Printed Name Tom Abrams Firm Parsons Date/Time 12/31 1140	

See QAPP ☐

Cooler Receipt And Preservation Check Form

Project/Client Parsons Submission Number 82-15172

Cooler received on 12/31/02 by NQ 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: 5°

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: 12/31/02 1145

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: 1/2/03 by: VMC

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 ₂ SO 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 H₂SO₄

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

Other Comments: