

**Operation, Maintenance and Monitoring Report  
December 2013**

**NOW Corporation  
Site 3-14-008**

**Work Assignment No.  
D007626-25**

Prepared for:

SUPERFUND STANDBY PROGRAM  
New York State  
Department of Environmental Conservation  
625 Broadway  
Albany, New York 12233

Prepared by:

AECOM Technical Services Northeast, Inc.  
40 British American Boulevard  
Latham, New York 12110

February 2014



February 6, 2014

Mr. Carl Hoffman, P.E.  
NYSDEC Division of Environmental Remediation  
625 Broadway, 12<sup>th</sup> Floor  
Albany, New York 12233-7013

**Re: NOW Corporation - Site #3-14-008  
O&M Summary Report: "December" 2013**

Dear Mr. Hoffman:

This monthly summary report describes the operation, monitoring and maintenance (OM&M) of the remedial system at the NOW Corporation site in the Town of Clinton, New York, for a 26-day period (**November 25 – December 23, 2013**).

With the exceptions noted below, if any, the pump and treat system was online and operational throughout the reporting period. Approximately 316,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 11,300 gallons per day (gpd), compared to 7,800 gpd in the prior reporting period.

As of the last day of the reporting period, a total of 95,205,900 gallons of groundwater had been recovered and treated by the system since it became operational in February 1998.

Table 1 summarizes influent and effluent analytical data for water samples collected on December 23, 2013. **There were no exceedances of effluent limitations.** A copy of the analytical laboratory report is attached. Adirondack Environmental Services was used as the analytical laboratory this month due to cooler delivery complications with Spectrum Analytical. Table 2 summarizes selected operational data recorded on the sampling date. Table 3 is a summary of the quarterly water levels.

There was one 40 hour period of downtime during the 28-day period. From late Sunday December 1, to mid-day Tuesday December 3, 2013 the entire system was down due to the effluent discharge pump seizing up. Once the effluent pump was replaced, the system was fully operational the remainder of the period.

AECOM made two site visits during the period to conduct the required system inspection, perform scheduled and unscheduled maintenance, and to collect water samples. Details for the current period follow:

December 3 – Changed effluent pump and cleaned effluent piping with Rydlyme. Adjusted the flow rate of TW-3. System restarted.

December 23 – Performed monthly system inspection and influent and effluent sampling. No changes to the VFD.

Please feel free to contact me at (518) 951-2262 if you have any questions regarding this report or the operation of the treatment system.

Page 2  
Mr. Carl Hoffman  
NYSDEC

Sincerely,  
AECOM Technical Services Northeast, Inc.

A handwritten signature in cursive script that reads "Stephen Choiniere".

Stephen R. Choiniere  
Project Manager

**Table 1**  
**Summary of Influent and Effluent Data**  
**Sampling Date: December 23, 2013**  
**NOW Corporation Site**  
**NYSDEC Site No. 3-14-008**  
**Town of Clinton, New York**

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations	
			TW-1	TW-2A	TW-3		(units)
Quantity treated, per day		11,293				Monitor	gallons
pH	7.2	7.0				6.5 to 8.5	standard units
Oil and Grease	<1.0	<1.0	NA	NA	NA	15	mg/L
Total Cyanide	<10	<10	NA	NA	NA	10	ug/L
TDS	<b>260</b>	<b>250</b>	NA	NA	NA	1000	mg/L
TSS	<b>1.5</b>	<1	NA	NA	NA	50	mg/L
Aluminum, Total	<100	<100	NA	NA	NA	Monitor	ug/L
Arsenic, Total	<5	<b>5</b>	NA	NA	NA	100	ug/L
Barium, Total	<b>77</b>	<b>79</b>	NA	NA	NA	Monitor	ug/L
Chromium	<b>5</b>	<5	NA	NA	NA	400	ug/L
Copper	<5	<5	NA	NA	NA	24	ug/L
Iron	<50	<50	NA	NA	NA	600	ug/L
Mercury	<0.20	<0.20	NA	NA	NA	0.8	ug/L
Manganese	<b>114</b>	<b>95</b>	NA	NA	NA	Monitor	ug/L
Nickel	<20	<20	NA	NA	NA	200	ug/L
Zinc	<10	<10	NA	NA	NA	150	ug/L
1,1,1-Trichloroethane	<b>270</b>	<5	<5	<b>500</b>	<b>6.4</b>	10	ug/L
1,1,2-Trichloroethane	<10	<5	<5	<25	<5	1.2	ug/L
1,1-Dichloroethane	<b>97</b>	<5	<b>31</b>	<b>160</b>	<b>14</b>	10	ug/L
1,1-Dichloroethene	<10	<5	<b>12</b>	<25	<5	0.5	ug/L
1,2-Dichloroethane	<10	<5	<5	<25	<5	1.6	ug/L
Benzene	<10	<5	<5	<25	<5	1.4	ug/L
Chlorobenzene	<10	<5	<5	<25	<5	10	ug/L
Chloroethane	<20	<10	<10	<50	<10	10	ug/L
<i>cis</i> -1,2-Dichloroethene	<10	<5	<5	<25	<5	5	ug/L
Ethylbenzene	<10	<5	<5	<25	<5	10	ug/L
<i>o</i> -Xylene	<10	<5	<5	<25	<5	5	ug/L
<i>m,p</i> -Xylene	<10	<5	<5	<25	<5	10	ug/L
Tetrachloroethene	<10	<5	<5	<25	<5	1.4	ug/L
Toluene	<10	<5	<5	<25	<5	10	ug/L
<i>trans</i> -1,2-Dichloroethene	<10	<5	<5	<25	<5	5	ug/L
Trichloroethene	<b>240</b>	<5	<b>45</b>	<b>430</b>	<b>16</b>	6	ug/L
Vinyl Chloride	<20	<10	<10	<50	<10	0.6	ug/L

*Notes:*

- 1) *Detected concentrations are presented in bold typeface, and are expressed in the units shown in far right column.*
- 2) *Effluent concentration boxed in bold denotes exceedance of effluent limitations.*
- 3) *NA indicates not analyzed.*
- 4) *"J" indicates an estimated concentration below the reporting limit (RL).*
- 5) *"B" denotes metal detected in method blank at concentration below the RL, but above the method detection limit.*

**Table 2**  
**Summary of December 2013 O&M Data**

**NOW Corporation Site**  
**Town of Clinton, New York**

<b>Instrumentation/Readings:</b>	<b>12/23/13</b>	<b>Units</b>
<b><i>TW-1</i></b>		
Pumping Rate	1	GPM
Water Level Above Transducer	30.87	feet
Flow Meter Reading	6,824,500	gallons
Pump Pressure	82	psi
<b><i>TW-2A</i></b>		
Pumping Rate	14+	GPM
Water Level Above Transducer	27.61	feet
Flow Meter Reading	28,405,800	gallons
Pump Pressure	<2	psi
<b><i>TW-3</i></b>		
Pumping Rate	5	GPM
Water Level Above Transducer	38.47	feet
Flow Meter Reading	11,647,800	gallons
Pump Pressure	62	psi
<b><i>VFD Setting</i></b>		
Arrival	55	Hz
Departure	55	Hz
<b><i>Air Stripper</i></b>		
Stripper Blower Pressure	16	inches H <sub>2</sub> O
Air Temperature in Stripper	54	°F
<b><i>Effluent Flow</i></b>		
Effluent Flow this period (calculated)	316,200	gallons
Total Effluent Flow (calculated)	95,205,900	gallons

**Table 3**  
**Groundwater Levels**  
**NOW Corporation Site**  
**NYSDEC Site No. 3-14-008**  
**Town of Clinton, New York**

Well ID	MP	12/23/13	
	Elevation	Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	12.20	277.30
MW-2	332.51	26.53	305.98
MW-3	312.83	28.17	284.66
MW-3S	312.51	25.25	287.26
MW-4	298.29	21.21	277.08
MW-4D	298.16	21.04	277.12
MW-5	285.48	18.99	266.49
MW-6S	287.90	4.31	283.59
MW-6D	287.25	8.57	278.68
MW-7S	292.12	26.93	265.19
MW-7D	292.54	69.52	223.02
MW-12S	NA	9.08	NA
MW-12D	NA	13.76	NA
OW-1	307.75	52.22	255.53
OW-2	305.96	70.34	235.62
OW-6	294.81	4.21	290.60
IW-1	312.46	32.78	279.68
IW-2	304.56	40.04	264.52

*Note: NA indicates data are not available.  
MP denotes measuring point.*



**Experience is the solution**

314 North Pearl Street ♦ Albany, New York 12207  
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

January 06, 2014

Steve Choiniere  
AECOM Environment  
40 British American Boulevard  
Latham, NY 12110

Work Order No: 131223018

TEL: (518) 951-2200

FAX: (518) 951-2300

Project# : 60276639.1

RE: NYSDEC  
NOW Corp 3-14-008

Dear Steve Choiniere:

Adirondack Environmental Services, Inc received 6 samples on 12/23/2013 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Christopher Hess  
QA Manager

ELAP#: 10709

**Adirondack Environmental Services, Inc**

**CASE NARRATIVE**

**CLIENT:** AECOM Environment  
**Project:** NYSDEC  
**Lab Order:** 131223018

**Date:** 06-Jan-14

Sample containers were supplied by Adirondack Environmental Services.

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**Qualifiers:** ND - Not Detected at reporting limit  
J - Analyte detected below quantitation limit  
B - Analyte detected in Blank  
X - Exceeds maximum contamination limit  
H - Hold time exceeded

C - Details are above in Case Narrative  
S - LCS Spike recovery outside acceptable limits(+ is over - is under)  
R - Duplication outside acceptable limits  
T - Tentatively Identified Compound-Estimated  
E -Above quantitation range-Estimated  
M - Matrix Spike outside acceptable limits(+ is over - is under)

**Note : All Results are reported as wet weight unless noted**

**The results relate only to the items tested. Information supplied by the client is assumed to be correct.**



# Adirondack Environmental Services, Inc

Date: 06-Jan-14

CLIENT: AECOM Environment  
 Work Order: 131223018  
 Reference: NYSDEC / NOW Corp 3-14-008  
 PO#:

Client Sample ID: EFF 55 122313  
 Collection Date: 12/23/2013  
 Lab Sample ID: 131223018-001  
 Matrix: WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**ICP METALS - EPA 200.7**

Analyst: KH

( Prep: SW3010A - 12/24/2013 )

Aluminum	< 0.100	0.100		mg/L	1	1/3/2014 1:05:00 PM
Arsenic	0.005	0.005		mg/L	1	1/3/2014 1:05:00 PM
Barium	0.079	0.010		mg/L	1	1/3/2014 1:05:00 PM
Chromium	< 0.005	0.005		mg/L	1	1/3/2014 1:05:00 PM
Copper	< 0.005	0.005		mg/L	1	1/3/2014 1:05:00 PM
Iron	< 0.050	0.050		mg/L	1	1/3/2014 1:05:00 PM
Manganese	0.095	0.020		mg/L	1	1/3/2014 1:05:00 PM
Nickel	< 0.020	0.020		mg/L	1	1/3/2014 1:05:00 PM
Zinc	< 0.010	0.010		mg/L	1	1/3/2014 1:05:00 PM

**MERCURY - EPA 245.1**

Analyst: WB

( Prep: E245.1 - 12/27/2013 )

Mercury	< 0.0002	0.0002		mg/L	1	12/27/2013
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**VOLATILE ORGANICS EPA 8260C (SW5030C PREP)**

Analyst: SJ

Chloromethane	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
Bromomethane	< 10	10	S-	µg/L	1	1/3/2014 1:57:00 AM
Vinyl chloride	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
Chloroethane	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Acetone	< 10	10	S-	µg/L	1	1/3/2014 1:57:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Chloroform	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
2-Butanone	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Trichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Benzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**

**Client Sample ID:** EFF 55 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-001  
**Matrix:** WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Bromoform	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
2-Hexanone	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
Tetrachloroethene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Toluene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Styrene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
Methyl Acetate	< 5.0	5.0	S-	µg/L	1	1/3/2014 1:57:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	1/3/2014 1:57:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 1:57:00 AM
Surr: 1,2-Dichloroethane-d4	116	72.5-138		%REC	1	1/3/2014 1:57:00 AM
Surr: 4-Bromofluorobenzene	94.8	68.4-129		%REC	1	1/3/2014 1:57:00 AM
Surr: Toluene-d8	98.3	69.1-127		%REC	1	1/3/2014 1:57:00 AM
<b>CYANIDE, TOTAL - EPA 335.4</b>						Analyst: KB
( Prep: Method - 12/30/2013 )						
Cyanide	< 0.01	0.01		mg/L	1	12/31/2013 9:39:00 AM
<b>OIL AND GREASE - EPA 1664A</b>						Analyst: KF
Oil & Grease	< 1.0	1.0		mg/L	1	12/24/2013
<b>TOTAL DISSOLVED SOLIDS - SM 2540C</b>						Analyst: CS
TDS (Residue, Filterable)	250	5		mg/L	1	12/23/2013

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**  
**Project# :** 60276639.1

**Client Sample ID:** EFF 55 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-001  
**Matrix:** WATER

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Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TOTAL SUSPENDED SOLIDS - SM 2540D</b>						Analyst: CS
TSS (Residue, Non-Filterable)	< 1.0	1.0		mg/L	1	12/27/2013

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**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**

**Client Sample ID:** INF 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-002  
**Matrix:** WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**ICP METALS - EPA 200.7** Analyst: KH

( Prep: SW3010A - 12/24/2013 )

Aluminum	< 0.100	0.100		mg/L	1	1/3/2014 1:11:00 PM
Arsenic	< 0.005	0.005		mg/L	1	1/3/2014 1:11:00 PM
Barium	0.077	0.010		mg/L	1	1/3/2014 1:11:00 PM
Chromium	0.005	0.005		mg/L	1	1/3/2014 1:11:00 PM
Copper	< 0.005	0.005		mg/L	1	1/3/2014 1:11:00 PM
Iron	< 0.050	0.050		mg/L	1	1/3/2014 1:11:00 PM
Manganese	0.114	0.020		mg/L	1	1/3/2014 1:11:00 PM
Nickel	< 0.020	0.020		mg/L	1	1/3/2014 1:11:00 PM
Zinc	< 0.010	0.010		mg/L	1	1/3/2014 1:11:00 PM

**MERCURY - EPA 245.1** Analyst: WB

( Prep: E245.1 - 12/27/2013 )

Mercury	< 0.0002	0.0002		mg/L	1	12/27/2013
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**VOLATILE ORGANICS EPA 8260C (SW5030C PREP)** Analyst: SJ

Chloromethane	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
Bromomethane	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
Vinyl chloride	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
Chloroethane	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
Methylene chloride	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Acetone	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
Carbon disulfide	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,1-Dichloroethene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,1-Dichloroethane	97	10		µg/L	2	1/6/2014 2:27:00 PM
trans-1,2-Dichloroethene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
cis-1,2-Dichloroethene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Chloroform	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,2-Dichloroethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
2-Butanone	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
1,1,1-Trichloroethane	270	10		µg/L	2	1/6/2014 2:27:00 PM
Carbon tetrachloride	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Bromodichloromethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,2-Dichloropropane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
cis-1,3-Dichloropropene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Trichloroethene	240	10		µg/L	2	1/6/2014 2:27:00 PM
Dibromochloromethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,1,2-Trichloroethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Benzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
trans-1,3-Dichloropropene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**  
 Project# : 60276639.1

**Client Sample ID:** INF 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-002  
**Matrix:** WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Bromoform	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
4-Methyl-2-pentanone	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
2-Hexanone	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
Tetrachloroethene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,1,2,2-Tetrachloroethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Toluene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Chlorobenzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Ethylbenzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Styrene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
m,p-Xylene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
o-Xylene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Methyl tert-butyl ether	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Dichlorodifluoromethane	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
Methyl Acetate	< 10	10	S-	µg/L	2	1/6/2014 2:27:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Trichlorofluoromethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Cyclohexane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Methyl Cyclohexane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,2-Dibromoethane	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,3-Dichlorobenzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Isopropylbenzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,2-Dichlorobenzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,4-Dichlorobenzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
1,2-Dibromo-3-chloropropane	< 20	20		µg/L	2	1/6/2014 2:27:00 PM
1,2,4-Trichlorobenzene	< 10	10		µg/L	2	1/6/2014 2:27:00 PM
Surr: 1,2-Dichloroethane-d4	114	72.5-138		%REC	2	1/6/2014 2:27:00 PM
Surr: 4-Bromofluorobenzene	95.2	68.4-129		%REC	2	1/6/2014 2:27:00 PM
Surr: Toluene-d8	96.9	69.1-127		%REC	2	1/6/2014 2:27:00 PM
<b>CYANIDE, TOTAL - EPA 335.4</b>						Analyst: KB
( Prep: Method - 12/30/2013 )						
Cyanide	< 0.01	0.01		mg/L	1	12/31/2013 9:42:00 AM
<b>OIL AND GREASE - EPA 1664A</b>						Analyst: KF
Oil & Grease	< 1.0	1.0		mg/L	1	12/24/2013
<b>TOTAL DISSOLVED SOLIDS - SM 2540C</b>						Analyst: CS
TDS (Residue, Filterable)	260	5		mg/L	1	12/23/2013

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**  
**Project# :** 60276639.1

**Client Sample ID:** INF 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-002  
**Matrix:** WATER

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Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TOTAL SUSPENDED SOLIDS - SM 2540D</b>						Analyst: <b>CS</b>
TSS (Residue, Non-Filterable)	1.5	1.0		mg/L	1	12/27/2013

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# Adirondack Environmental Services, Inc

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**

**Client Sample ID:** TW-1 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-003  
**Matrix:** WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Chloromethane	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
Bromomethane	< 10	10	S-	µg/L	1	1/3/2014 2:39:00 AM
Vinyl chloride	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
Chloroethane	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Acetone	< 10	10	S-	µg/L	1	1/3/2014 2:39:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,1-Dichloroethene	12	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,1-Dichloroethane	31	5.0		µg/L	1	1/3/2014 2:39:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Chloroform	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
2-Butanone	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Trichloroethene	45	5.0		µg/L	1	1/3/2014 2:39:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Benzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Bromoform	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
2-Hexanone	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
Tetrachloroethene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Toluene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Styrene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
Methyl Acetate	< 5.0	5.0	S-	µg/L	1	1/3/2014 2:39:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

CLIENT: AECOM Environment  
 Work Order: 131223018  
 Reference: NYSDEC / NOW Corp 3-14-008  
 PO#:

Client Sample ID: TW-1 122313  
 Collection Date: 12/23/2013  
 Lab Sample ID: 131223018-003  
 Matrix: WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	1/3/2014 2:39:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 2:39:00 AM
Surr: 1,2-Dichloroethane-d4	117	72.5-138		%REC	1	1/3/2014 2:39:00 AM
Surr: 4-Bromofluorobenzene	94.7	68.4-129		%REC	1	1/3/2014 2:39:00 AM
Surr: Toluene-d8	98.5	69.1-127		%REC	1	1/3/2014 2:39:00 AM



**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

CLIENT: AECOM Environment  
 Work Order: 131223018  
 Reference: NYSDEC / NOW Corp 3-14-008  
 PO#:

Client Sample ID: TW-2A 122313  
 Collection Date: 12/23/2013  
 Lab Sample ID: 131223018-004  
 Matrix: WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Chloromethane	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
Bromomethane	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
Vinyl chloride	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
Chloroethane	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
Methylene chloride	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Acetone	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
Carbon disulfide	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,1-Dichloroethene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,1-Dichloroethane	160	25		µg/L	5	1/6/2014 2:51:00 PM
trans-1,2-Dichloroethene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
cis-1,2-Dichloroethene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Chloroform	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,2-Dichloroethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
2-Butanone	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
1,1,1-Trichloroethane	500	25		µg/L	5	1/6/2014 2:51:00 PM
Carbon tetrachloride	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Bromodichloromethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,2-Dichloropropane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
cis-1,3-Dichloropropene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Trichloroethene	430	25		µg/L	5	1/6/2014 2:51:00 PM
Dibromochloromethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,1,2-Trichloroethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Benzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
trans-1,3-Dichloropropene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Bromoform	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
4-Methyl-2-pentanone	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
2-Hexanone	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
Tetrachloroethene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,1,2,2-Tetrachloroethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Toluene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Chlorobenzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Ethylbenzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Styrene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
m,p-Xylene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
o-Xylene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Methyl tert-butyl ether	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Dichlorodifluoromethane	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
Methyl Acetate	< 25	25	S-	µg/L	5	1/6/2014 2:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Trichlorofluoromethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**

**Client Sample ID:** TW-2A 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-004  
**Matrix:** WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Cyclohexane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Methyl Cyclohexane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,2-Dibromoethane	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,3-Dichlorobenzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Isopropylbenzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,2-Dichlorobenzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,4-Dichlorobenzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
1,2-Dibromo-3-chloropropane	< 50	50		µg/L	5	1/6/2014 2:51:00 PM
1,2,4-Trichlorobenzene	< 25	25		µg/L	5	1/6/2014 2:51:00 PM
Surr: 1,2-Dichloroethane-d4	115	72.5-138		%REC	5	1/6/2014 2:51:00 PM
Surr: 4-Bromofluorobenzene	102	68.4-129		%REC	5	1/6/2014 2:51:00 PM
Surr: Toluene-d8	101	69.1-127		%REC	5	1/6/2014 2:51:00 PM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

CLIENT: AECOM Environment  
 Work Order: 131223018  
 Reference: NYSDEC / NOW Corp 3-14-008  
 PO#:

Client Sample ID: TW-3 122313  
 Collection Date: 12/23/2013  
 Lab Sample ID: 131223018-005  
 Matrix: WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Chloromethane	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
Bromomethane	< 10	10	S-M-	µg/L	1	1/3/2014 3:22:00 AM
Vinyl chloride	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
Chloroethane	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Acetone	< 10	10	S-M-	µg/L	1	1/3/2014 3:22:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,1-Dichloroethane	14	5.0		µg/L	1	1/3/2014 3:22:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Chloroform	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
2-Butanone	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
1,1,1-Trichloroethane	6.4	5.0		µg/L	1	1/3/2014 3:22:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Trichloroethene	16	5.0		µg/L	1	1/3/2014 3:22:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Benzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Bromoform	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
2-Hexanone	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
Tetrachloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Toluene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Styrene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
Methyl Acetate	< 5.0	5.0	S-M-	µg/L	1	1/3/2014 3:22:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**

**Client Sample ID:** TW-3 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-005  
**Matrix:** WATER

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	1/3/2014 3:22:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:22:00 AM
Surr: 1,2-Dichloroethane-d4	119	72.5-138		%REC	1	1/3/2014 3:22:00 AM
Surr: 4-Bromofluorobenzene	94.2	68.4-129		%REC	1	1/3/2014 3:22:00 AM
Surr: Toluene-d8	98.3	69.1-127		%REC	1	1/3/2014 3:22:00 AM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

CLIENT: AECOM Environment  
 Work Order: 131223018  
 Reference: NYSDEC / NOW Corp 3-14-008  
 PO#:

Client Sample ID: TB 122313  
 Collection Date: 12/23/2013  
 Lab Sample ID: 131223018-006  
 Matrix: TRIP BLANK

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Chloromethane	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
Bromomethane	< 10	10	S-	µg/L	1	1/3/2014 3:43:00 AM
Vinyl chloride	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
Chloroethane	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Acetone	< 10	10	S-	µg/L	1	1/3/2014 3:43:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Chloroform	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
2-Butanone	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Trichloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Benzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Bromoform	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
2-Hexanone	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
Tetrachloroethene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Toluene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Styrene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
Methyl Acetate	< 5.0	5.0	S-	µg/L	1	1/3/2014 3:43:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM

**Adirondack Environmental Services, Inc**

Date: 06-Jan-14

**CLIENT:** AECOM Environment  
**Work Order:** 131223018  
**Reference:** NYSDEC / NOW Corp 3-14-008  
**PO#:**

**Client Sample ID:** TB 122313  
**Collection Date:** 12/23/2013  
**Lab Sample ID:** 131223018-006  
**Matrix:** TRIP BLANK

Project# : 60276639.1

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>VOLATILE ORGANICS EPA 8260C (SW5030C PREP)</b>						Analyst: SJ
Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	1/3/2014 3:43:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	1/3/2014 3:43:00 AM
Surr: 1,2-Dichloroethane-d4	117	72.5-138		%REC	1	1/3/2014 3:43:00 AM
Surr: 4-Bromofluorobenzene	94.2	68.4-129		%REC	1	1/3/2014 3:43:00 AM
Surr: Toluene-d8	99.2	69.1-127		%REC	1	1/3/2014 3:43:00 AM

131225018



40 British American Blvd.  
Latham, NY  
12110

P 518.951.2200  
F 518.951.2300  
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CHAIN-OF-CUSTODY RECORD

Bill to also

COMPANY		REPORT TO		PHONE		DATA DELIVERABLE INFORMATION		CHECK DELIVERY METHOD	
AECOM		Stephen Choimiere		518-951-2262		<input type="checkbox"/> NEW YORK STATE ASP "B" <input type="checkbox"/> NEW YORK STATE ASP "A" <input type="checkbox"/> OTHER		<input checked="" type="checkbox"/> SAMPLES DELIVERED IN PERSON <input type="checkbox"/> BY COMMON CARRIER	
ADDRESS		CITY / STATE / ZIP		FEDERAL EXPRESS AIRBILL NUMBER		UPS AIRBILL NUMBER		REQUESTED ANALYSES	
40 British American Blvd.		Latham NY 12110						8260 Metals* TSS/TDS OTG Cyanide	
CLIENT / PROJECT NAME		CLIENT PROJECT #		FEDERAL EXPRESS AIRBILL NUMBER		UPS AIRBILL NUMBER		COMMENTS	
NYSDEC / New Corp 3-14-08		60276639.1						*Al, As, Ba, Cr, Cu, Fe, Mn, Hg, Zn	
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	COMMENTS
EFF 55 122313	12/23/11:45		X	X				6	
NLF 122313	11:50							6	
TW-1 122313	11:56							2	
TW-2A 122313	11:59							2	
TW-3 122313	12:10							2	
TB 122313								1	
Lot # 4317									
RELINQUISHED BY		DATE / TIME		ACCEPTED BY		DATE / TIME		ADDITIONAL REMARKS	
[Signature]		12/23/13 13:46		[Signature]		12/23/13 1:47 PM		COOLER TEMP. 2°C	

WHITE: LABORATORY COPY

YELLOW: REPORT COPY

PINK: CLIENT'S COPY



**Experience is the solution**

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

## TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

- (a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.
- (g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.