

**Operation, Maintenance and Monitoring Report
December 2008**

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

**Work Assignment No.
D004445-4**

Prepared for:

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

Prepared by:

**Earth Tech Northeast, Inc.
40 British American Boulevard
Latham, New York 12110**

Earth Tech AECOM
40 British American Blvd., Latham, NY 12110
www.earthtech.aecom.com

February 4, 2009

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

**Re: NOW Corporation - Site #3-14-008
O&M Summary Report: December 2008**

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 32-day period (**November 20 – December 22, 2008**).

Approximately 573,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 17,900 gallons per day (gpd). During the prior reporting period, the average discharge was 14,000 gpd (excluding the 57 days of downtime).

As of the last day of the reporting period, a total of 66,711,000 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 22, 2008. **There were no exceedences of effluent limitations.** A copy of the laboratory data report is attached to this letter report. Table 2 summarizes selected operational data recorded on the same date.

Earth Tech made two site visits during the period to conduct the required system inspection, perform scheduled and/or unscheduled maintenance, and to collect water samples. The November 20 service visit was described in the previous report. Details for the current period follow:

December 1 – Installed and calibrated new water-level sensor in recovery well TW-2A. [As previously reported, since the sensor failed on November 7, 2008, Earth Tech had allowed this pump to operate in manual mode, only during business hours.] Disassembled, cleaned, and reassembled air stripper. Re-started system and reset submersible pump discharge rates. All pumps were left in “auto” setting.

December 22 – Monthly system inspection and water sampling. Reset discharge rate for TW-1.

Page 2
Mr. Carl Hoffman
NYSDEC

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.

Sincerely,
Earth Tech Northeast



Stephen R. Choiniere
Project Manager

Attachments

TABLES

Table 1
Summary of Influent and Effluent Data
Sampling Date: December 22, 2008
NOW Corporation Site
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		17,909				Monitor	gpd
pH	6.8	7.1	NA	NA	NA	6.5 to 8.5	standard units
Oil and Grease	<5.0	<5.0	NA	NA	NA	15	mg/L
Total Cyanide	<10	<10	NA	NA	NA	10	ug/L
TDS	250	270	NA	NA	NA	1000	mg/L
TSS	27	17	NA	NA	NA	50	mg/L
Aluminum, Total	<200	<200	NA	NA	NA	2000	ug/L
Arsenic, Total	<20	<20	NA	NA	NA	50	ug/L
Barium, Total	<200	<200	NA	NA	NA	2000	ug/L
Chromium	<20	<20	NA	NA	NA	100	ug/L
Copper	<25	<25	NA	NA	NA	24	ug/L
Iron	<200	<200	NA	NA	NA	600	ug/L
Mercury	<0.20	<0.20	NA	NA	NA	0.8	ug/L
Manganese	77	64	NA	NA	NA	600	ug/L
Nickel	<50	<50	NA	NA	NA	200	ug/L
Zinc	<50	<50	NA	NA	NA	150	ug/L
1,1,1-Trichloroethane	230	<0.50	10	470	4.5	5	ug/L
1,1,2-Trichloroethane	<8.0	<0.50	<2.0	<13	<0.50	1.2	ug/L
1,1-Dichloroethane	83	<0.50	87	190	16	5	ug/L
1,1-Dichloroethene	4.2 J	<0.50	16	35	1.8	0.5	ug/L
1,2-Dichloroethane	<8.0	<0.50	<2.0	<13	<0.50	1.6	ug/L
Benzene	<8.0	<0.50	<2.0	<13	<0.50	0.8	ug/L
Chlorobenzene	<8.0	<0.50	<2.0	<13	<0.50	5	ug/L
Chloroethane	<8.0	<0.50	<2.0	<13	<0.50	5	ug/L
cis-1,2-Dichloroethene	5.3 J	<0.50	4.4	15	0.31 J	5	ug/L
Ethylbenzene	<8.0	<0.50	<2.0	<13	<0.50	5	ug/L
Methyl tert-butyl ether	<8.0	<0.50	<2.0	<13	<0.50	5	ug/L
o-Xylene	<8.0	<0.50	<2.0	<13	<0.50	5	ug/L
p&m-Xylene	<8.0	<0.50	<2.0	<13	<0.50	10	ug/L
Tetrachloroethene	<8.0	<0.50	<2.0	<13	<0.50	1.4	ug/L
Toluene	<8.0	<0.50	<2.0	<13	<0.50	5	ug/L
trans-1,2-Dichloroethene	<8.0	<0.50	<2.0	<13	<0.50	5	ug/L
Trichloroethene	200	<0.50	77	480	15	5	ug/L
Vinyl Chloride	<8.0	<0.50	<2.0	<13	<0.50	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.
- 5) "D" denotes analytical result for a diluted sample.

Table 2
Summary of December 2008 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:	12/22/08	Units
<i>TW-1</i>		
Pumping Rate	1	GPM
Water Level Above Transducer	25.38	feet
Flow Meter Reading	4,673,700	gallons
Pump Pressure	73	psi
<i>TW-2A</i>		
Pumping Rate	10	GPM
Water Level Above Transducer	14.55	feet
Flow Meter Reading	8,019,100	gallons
Pump Pressure	14	psi
<i>TW-3</i>		
Pumping Rate	3	GPM
Water Level Above Transducer	29.45	feet
Flow Meter Reading	6,056,700	gallons
Pump Pressure	63	psi
<i>Air Stripper</i>		
Stripper Blower Pressure	18	inches H ₂ O
Air Temperature in Stripper	46	°F
Pressure Gauge - Left Leg	1.4	inches H ₂ O
Pressure Gauge - Right Leg	0.4	inches H ₂ O
<i>Effluent Flow</i>		
Effluent Flow this period (calculated)	573,100	gallons
Total Effluent Flow (calculated)	66,710,700	gallons

**INFLUENT & EFFLUENT WATER
ANALYTICAL REPORT**



A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

January 12, 2009

Earth Tech
40 British American Boulevard
Latham, NY 12110
Attn: Mr. Stephen Choiniere

RE: Client Project: NOW Corp. Site, 94017.02, 12/08
Lab Project #: G2413

Dear Mr. Choiniere:

Enclosed please find the data report for the analyses of samples associated with the above referenced project.

If you have any questions, please do not hesitate to call me.

We appreciate your business.

Sincerely,

A handwritten signature in black ink, appearing to read "Edward A. Lawler".

Edward A. Lawler
Laboratory Operations Manager

Report of Laboratory Analyses for Earth Tech

Client Project: NOW Corp. 94017.02, 12/08

Mitkem Work Order ID: G2413

January 12, 2009

Prepared For: Earth Tech
40 British American Boulevard
Latham, NY 12110
Attn: Mr. Stephen Choiniere

Prepared By: Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

Client: Earth Tech

Client Project: NOW Corp, 94017.02, 12/08

Lab Work Order: G2413

Date samples received: 12/24/08

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech on December 24, 2008. Analyses were performed per specification in the Chain of Custody form. For reference, a copy of the Mitkem Sample Log-In form is included for cross-referencing the client sample ID and laboratory sample ID.

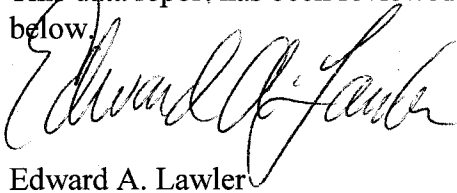
Surrogate recoveries were within the QC limits for volatile organic analyses with the exception of toluene-d8 in sample INF-122208. Percent recoveries in laboratory control samples were within the QC limits with the exception of o-xylene in LCS-41094, chloroethane in LCSD-41010, and ethylbenzene in LCSD-41094. Please note that these compounds were not detected in any sample. The following samples were analyzed at dilution: INF-122208 at 16X, TW-1 at 4X and TW-2A at 25X.

Spike recoveries were within the QC limits in the laboratory control samples for metals, total dissolved solids, total suspended solids, cyanide and oil & grease analyses.

No other unusual occurrences were noted during sample analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

This data report has been reviewed and is authorized for release as evidenced by the signature below.



Edward A. Lawler
Laboratory Operations Manager

Mitkem Laboratories

Date: 05-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: EFF-122208

Lab ID: G2413-01

Project: NOW Corp. Site

Collection Date: 12/22/08 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS (25 mL Purge)							SW8260_25_W
Vinyl chloride	ND		0.50	µg/L		112/31/2008 17:14	41094
Chloroethane	ND		0.50	µg/L		112/31/2008 17:14	41094
1,1-Dichloroethene	ND		0.50	µg/L		112/31/2008 17:14	41094
trans-1,2-Dichloroethene	ND		0.50	µg/L		112/31/2008 17:14	41094
Methyl tert-butyl ether	ND		0.50	µg/L		112/31/2008 17:14	41094
1,1-Dichloroethane	ND		0.50	µg/L		112/31/2008 17:14	41094
cis-1,2-Dichloroethene	ND		0.50	µg/L		112/31/2008 17:14	41094
1,1,1-Trichloroethane	ND		0.50	µg/L		112/31/2008 17:14	41094
1,2-Dichloroethane	ND		0.50	µg/L		112/31/2008 17:14	41094
Benzene	ND		0.50	µg/L		112/31/2008 17:14	41094
Trichloroethene	ND		0.50	µg/L		112/31/2008 17:14	41094
Toluene	ND		0.50	µg/L		112/31/2008 17:14	41094
1,1,2-Trichloroethane	ND		0.50	µg/L		112/31/2008 17:14	41094
Tetrachloroethene	ND		0.50	µg/L		112/31/2008 17:14	41094
Chlorobenzene	ND		0.50	µg/L		112/31/2008 17:14	41094
Ethylbenzene	ND		0.50	µg/L		112/31/2008 17:14	41094
m,p-Xylene	ND		0.50	µg/L		112/31/2008 17:14	41094
o-Xylene	ND		0.50	µg/L		112/31/2008 17:14	41094
Surrogate: Dibromofluoromethane	106		88-124	%REC		112/31/2008 17:14	41094
Surrogate: 1,2-Dichloroethane-d4	93.6		79-115	%REC		112/31/2008 17:14	41094
Surrogate: Toluene-d8	96.7		80-114	%REC		112/31/2008 17:14	41094
Surrogate: Bromofluorobenzene	87.9		60-123	%REC		112/31/2008 17:14	41094

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

Mitkem Laboratories

Date: 05-Jan-09

Client: Earth Tech - AECOM

Client Sample ID: INF-122208

Lab ID: G2413-02

Project: NOW Corp. Site

Collection Date: 12/22/08 11:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS (25 mL Purge)							SW8260_25_W
Vinyl chloride	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Chloroethane	ND		8.0	µg/L		16 12/26/2008 16:27	41010
1,1-Dichloroethene	4.2	J	8.0	µg/L		16 12/26/2008 16:27	41010
trans-1,2-Dichloroethene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Methyl tert-butyl ether	ND		8.0	µg/L		16 12/26/2008 16:27	41010
1,1-Dichloroethane	83		8.0	µg/L		16 12/26/2008 16:27	41010
cis-1,2-Dichloroethene	5.3	J	8.0	µg/L		16 12/26/2008 16:27	41010
1,1,1-Trichloroethane	230		8.0	µg/L		16 12/26/2008 16:27	41010
1,2-Dichloroethane	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Benzene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Trichloroethene	200		8.0	µg/L		16 12/26/2008 16:27	41010
Toluene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
1,1,2-Trichloroethane	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Tetrachloroethene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Chlorobenzene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Ethylbenzene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
m,p-Xylene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
o-Xylene	ND		8.0	µg/L		16 12/26/2008 16:27	41010
Surrogate: Dibromofluoromethane	103		88-124	%REC		16 12/26/2008 16:27	41010
Surrogate: 1,2-Dichloroethane-d4	95.1		79-115	%REC		16 12/26/2008 16:27	41010
Surrogate: Toluene-d8	120	S	80-114	%REC		16 12/26/2008 16:27	41010
Surrogate: Bromofluorobenzene	76.5		60-123	%REC		16 12/26/2008 16:27	41010

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

Mitkem Laboratories

Date: 05-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: TW-1

Lab ID: G2413-03

Project: NOW Corp. Site

Collection Date: 12/22/08 11:40

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS (25 mL Purge)							SW8260_25_W
Vinyl chloride	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Chloroethane	ND		2.0	µg/L		4 12/31/2008 17:45	41094
1,1-Dichloroethene	16		2.0	µg/L		4 12/31/2008 17:45	41094
trans-1,2-Dichloroethene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Methyl tert-butyl ether	ND		2.0	µg/L		4 12/31/2008 17:45	41094
1,1-Dichloroethane	87		2.0	µg/L		4 12/31/2008 17:45	41094
cis-1,2-Dichloroethene	4.4		2.0	µg/L		4 12/31/2008 17:45	41094
1,1,1-Trichloroethane	10		2.0	µg/L		4 12/31/2008 17:45	41094
1,2-Dichloroethane	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Benzene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Trichloroethene	77		2.0	µg/L		4 12/31/2008 17:45	41094
Toluene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
1,1,2-Trichloroethane	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Tetrachloroethene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Chlorobenzene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Ethylbenzene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
m,p-Xylene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
o-Xylene	ND		2.0	µg/L		4 12/31/2008 17:45	41094
Surrogate: Dibromofluoromethane	106		88-124	%REC		4 12/31/2008 17:45	41094
Surrogate: 1,2-Dichloroethane-d4	93.5		79-115	%REC		4 12/31/2008 17:45	41094
Surrogate: Toluene-d8	94.3		80-114	%REC		4 12/31/2008 17:45	41094
Surrogate: Bromofluorobenzene	86.6		60-123	%REC		4 12/31/2008 17:45	41094

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

Mitkem Laboratories

Date: 05-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: TW-2A

Lab ID: G2413-04

Project: NOW Corp. Site

Collection Date: 12/22/08 11:45

Analyses	Result Qual	RL Units	DF Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS (25 mL Purge)				SW8260_25_W
Vinyl chloride	ND	13 µg/L	25 12/31/2008 18:16	41094
Chloroethane	ND	13 µg/L	25 12/31/2008 18:16	41094
1,1-Dichloroethene	35	13 µg/L	25 12/31/2008 18:16	41094
trans-1,2-Dichloroethene	ND	13 µg/L	25 12/31/2008 18:16	41094
Methyl tert-butyl ether	ND	13 µg/L	25 12/31/2008 18:16	41094
1,1-Dichloroethane	190	13 µg/L	25 12/31/2008 18:16	41094
cis-1,2-Dichloroethene	15	13 µg/L	25 12/31/2008 18:16	41094
1,1,1-Trichloroethane	470	13 µg/L	25 12/31/2008 18:16	41094
1,2-Dichloroethane	ND	13 µg/L	25 12/31/2008 18:16	41094
Benzene	ND	13 µg/L	25 12/31/2008 18:16	41094
Trichloroethene	480	13 µg/L	25 12/31/2008 18:16	41094
Toluene	ND	13 µg/L	25 12/31/2008 18:16	41094
1,1,2-Trichloroethane	ND	13 µg/L	25 12/31/2008 18:16	41094
Tetrachloroethene	ND	13 µg/L	25 12/31/2008 18:16	41094
Chlorobenzene	ND	13 µg/L	25 12/31/2008 18:16	41094
Ethylbenzene	ND	13 µg/L	25 12/31/2008 18:16	41094
m,p-Xylene	ND	13 µg/L	25 12/31/2008 18:16	41094
o-Xylene	ND	13 µg/L	25 12/31/2008 18:16	41094
Surrogate: Dibromofluoromethane	104	88-124 %REC	25 12/31/2008 18:16	41094
Surrogate: 1,2-Dichloroethane-d4	93.4	79-115 %REC	25 12/31/2008 18:16	41094
Surrogate: Toluene-d8	101	80-114 %REC	25 12/31/2008 18:16	41094
Surrogate: Bromofluorobenzene	89.7	60-123 %REC	25 12/31/2008 18:16	41094

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

Mitkem Laboratories

Date: 05-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: TW-3

Project: NOW Corp. Site

Lab ID: G2413-05

Collection Date: 12/22/08 11:50

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS (25 mL Purge)							SW8260_25_W
Vinyl chloride	ND		0.50	µg/L		12/31/2008 18:47	41094
Chloroethane	ND		0.50	µg/L		12/31/2008 18:47	41094
1,1-Dichloroethene	1.8		0.50	µg/L		12/31/2008 18:47	41094
trans-1,2-Dichloroethene	ND		0.50	µg/L		12/31/2008 18:47	41094
Methyl tert-butyl ether	ND		0.50	µg/L		12/31/2008 18:47	41094
1,1-Dichloroethane	16		0.50	µg/L		12/31/2008 18:47	41094
cis-1,2-Dichloroethene	0.31	J	0.50	µg/L		12/31/2008 18:47	41094
1,1,1-Trichloroethane	4.5		0.50	µg/L		12/31/2008 18:47	41094
1,2-Dichloroethane	ND		0.50	µg/L		12/31/2008 18:47	41094
Benzene	ND		0.50	µg/L		12/31/2008 18:47	41094
Trichloroethene	15		0.50	µg/L		12/31/2008 18:47	41094
Toluene	ND		0.50	µg/L		12/31/2008 18:47	41094
1,1,2-Trichloroethane	ND		0.50	µg/L		12/31/2008 18:47	41094
Tetrachloroethene	ND		0.50	µg/L		12/31/2008 18:47	41094
Chlorobenzene	ND		0.50	µg/L		12/31/2008 18:47	41094
Ethylbenzene	ND		0.50	µg/L		12/31/2008 18:47	41094
m,p-Xylene	ND		0.50	µg/L		12/31/2008 18:47	41094
o-Xylene	ND		0.50	µg/L		12/31/2008 18:47	41094
Surrogate: Dibromofluoromethane	105		88-124	%REC		12/31/2008 18:47	41094
Surrogate: 1,2-Dichloroethane-d4	92.7		79-115	%REC		12/31/2008 18:47	41094
Surrogate: Toluene-d8	97.6		80-114	%REC		12/31/2008 18:47	41094
Surrogate: Bromofluorobenzene	87.7		60-123	%REC		12/31/2008 18:47	41094

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

Mitkem Laboratories

Date: 05-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: TRIP BLANK

Lab ID: G2413-06

Project: NOW Corp. Site

Collection Date: 12/22/08 0:00

Analyses	Result Qual	RL Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS (25 mL Purge)					SW8260_25_W
Vinyl chloride	ND	0.50 µg/L		11/23/2008 16:43	41094
Chloroethane	ND	0.50 µg/L		11/23/2008 16:43	41094
1,1-Dichloroethene	ND	0.50 µg/L		11/23/2008 16:43	41094
trans-1,2-Dichloroethene	ND	0.50 µg/L		11/23/2008 16:43	41094
Methyl tert-butyl ether	ND	0.50 µg/L		11/23/2008 16:43	41094
1,1-Dichloroethane	ND	0.50 µg/L		11/23/2008 16:43	41094
cis-1,2-Dichloroethene	ND	0.50 µg/L		11/23/2008 16:43	41094
1,1,1-Trichloroethane	ND	0.50 µg/L		11/23/2008 16:43	41094
1,2-Dichloroethane	ND	0.50 µg/L		11/23/2008 16:43	41094
Benzene	ND	0.50 µg/L		11/23/2008 16:43	41094
Trichloroethene	ND	0.50 µg/L		11/23/2008 16:43	41094
Toluene	ND	0.50 µg/L		11/23/2008 16:43	41094
1,1,2-Trichloroethane	ND	0.50 µg/L		11/23/2008 16:43	41094
Tetrachloroethene	ND	0.50 µg/L		11/23/2008 16:43	41094
Chlorobenzene	ND	0.50 µg/L		11/23/2008 16:43	41094
Ethylbenzene	ND	0.50 µg/L		11/23/2008 16:43	41094
m,p-Xylene	ND	0.50 µg/L		11/23/2008 16:43	41094
o-Xylene	ND	0.50 µg/L		11/23/2008 16:43	41094
Surrogate: Dibromofluoromethane	103	88-124 %REC		11/23/2008 16:43	41094
Surrogate: 1,2-Dichloroethane-d4	97.5	79-115 %REC		11/23/2008 16:43	41094
Surrogate: Toluene-d8	97.6	80-114 %REC		11/23/2008 16:43	41094
Surrogate: Bromofluorobenzene	93.1	60-123 %REC		11/23/2008 16:43	41094

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

CLIENT: Earth Tech - AECOM
 Work Order: G2413
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
 SW8260_25_W
 SW846 8260 -- VOC by GC-MS (25 mL Purge)

Sample ID: MB-41010	SampType: MBLK	TestCode: SW8260_25_W	Prep Date: 12/26/2008	Run ID: V6_081226A						
Client ID: MB-41010	Batch ID: 41010	Units: µg/L	Analysis Date: 12/26/2008	SeqNo: 960078						
Analyte	Result	PQL	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.50								
Chloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
trans-1,2-Dichloroethene	ND	0.50								
Methyl tert-butyl ether	ND	0.50								
1,1-Dichloroethane	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
1,1,1-Trichloroethane	ND	0.50								
1,2-Dichloroethane	ND	0.50								
Benzene	ND	0.50								
Trichloroethene	ND	0.50								
Toluene	ND	0.50								
1,1,2-Trichloroethane	ND	0.50								
Tetrachloroethene	ND	0.50								
Chlorobenzene	ND	0.50								
Ethylbenzene	ND	0.50								
m,p-Xylene	ND	0.50								
o-Xylene	ND	0.50								
Surrogate: Dibromofluoromethane	9.660	0.50	0	96.6	88	124	0		0	
Surrogate: 1,2-Dichloroethane-d4	8.799	0.50	0	88.0	79	115	0		0	
Surrogate: Toluene-d8	10.72	0.50	0	107	80	114	0		0	
Surrogate: Bromofluorbenzene	8.746	0.50	0	87.5	60	123	0		0	

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Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

CLIENT: Earth Tech - AECOM
 Work Order: G2413
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
 SW8260_25_W
 SW846 8260 -- VOC by GC-MS (25 mL Purge)

Sample ID: MB-41094 SampType: MBLK TestCode: SW8260_25_W Prep Date: 12/31/2008 Run ID: V5_081231A
 Client ID: MB-41094 Batch ID: 41094 Units: µg/L Analysis Date: 12/31/2008 SeqNo: 963114

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.50									
Chloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Methyl tert-butyl ether	ND	0.50									
1,1-Dichloroethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Benzene	ND	0.50									
Trichloroethene	ND	0.50									
Toluene	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
Tetrachloroethene	ND	0.50									
Chlorobenzene	ND	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	0.50									
o-Xylene	ND	0.50									
Surrogate: Dibromofluoromethane	10.27	0.50	10.00	0	103	88	124	0		0	
Surrogate: 1,2-Dichloroethane-d4	9.422	0.50	10.00	0	94.2	79	115	0		0	
Surrogate: Toluene-d8	9.749	0.50	10.00	0	97.5	80	114	0		0	
Surrogate: Bromofluorobenzene	9.016	0.50	10.00	0	90.2	60	123	0		0	

0010

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Earth Tech - AECOM
 Work Order: G2413
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
 SW8260_25_W
 SW846 8260 -- VOC by GC-MS (25 mL Purge)

Sample ID: LCS-41010 SampType: LCS TestCode: SW8260_25_W Prep Date: 12/26/2008 Run ID: V6_081226A
 Client ID: LCS-41010 Batch ID: 41010 Units: µg/L Analysis Date: 12/26/2008 SeqNo: 960079

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	9.457	0.50	10.00	0	94.6	77	120	0			
Chloroethane	10.09	0.50	10.00	0	101	75	135	0			
1,1-Dichloroethene	8.821	0.50	10.00	0	88.2	81	125	0			
trans-1,2-Dichloroethene	8.457	0.50	10.00	0	84.6	60	137	0			
Methyl tert-butyl ether	9.266	0.50	10.00	0	92.7	61	134	0			
1,1-Dichloroethane	9.203	0.50	10.00	0	92.0	82	120	0			
cis-1,2-Dichloroethene	9.323	0.50	10.00	0	93.2	84	116	0			
1,1,1-Trichloroethane	9.269	0.50	10.00	0	92.7	80	124	0			
1,2-Dichloroethane	10.38	0.50	10.00	0	104	86	117	0			
Benzene	9.556	0.50	10.00	0	95.6	81	121	0			
Trichloroethene	9.470	0.50	10.00	0	94.7	74	123	0			
Toluene	9.925	0.50	10.00	0	99.2	88	117	0			
1,1,2-Trichloroethane	10.76	0.50	10.00	0	108	83	121	0			
Tetrachloroethene	9.671	0.50	10.00	0	96.7	74	115	0			
Chlorobenzene	9.652	0.50	10.00	0	96.5	83	112	0			
Ethylbenzene	9.758	0.50	10.00	0	97.6	87	110	0			
m,p-Xylene	19.86	0.50	20.00	0	99.3	87	114	0			
o-Xylene	10.17	0.50	10.00	0	102	84	114	0			
Surrogate: Dibromofluoromethane	9.458	0.50	10.00	0	94.6	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	10.28	0.50	10.00	0	103	79	115	0			
Surrogate: Toluene-d8	9.717	0.50	10.00	0	97.2	80	114	0			
Surrogate: Bromofluorobenzene	10.49	0.50	10.00	0	105	60	123	0			

0011

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Earth Tech - AECOM
 Work Order: G2413
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
 SW8260_25_W
 SW846 8260 -- VOC by GC-MS (25 mL Purge)

Sample ID: LCS-41094 SampType: LCS TestCode: SW8260_25_W Prep Date: 12/31/2008 Run ID: V5_081231A
 Client ID: LCS-41094 Batch ID: 41094 Units: µg/L Analysis Date: 12/31/2008 SeqNo: 963115

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	10.60	0.50	10.00	0	106	77	120	0			
Chloroethane	10.82	0.50	10.00	0	108	75	135	0			
1,1-Dichloroethene	10.54	0.50	10.00	0	105	81	125	0			
trans-1,2-Dichloroethene	10.46	0.50	10.00	0	105	60	137	0			
Methyl tert-butyl ether	10.53	0.50	10.00	0	105	61	134	0			
1,1-Dichloroethane	10.54	0.50	10.00	0	105	82	120	0			
cis-1,2-Dichloroethene	10.97	0.50	10.00	0	110	84	116	0			
1,1,1-Trichloroethane	10.01	0.50	10.00	0	100	80	124	0			
1,2-Dichloroethane	10.70	0.50	10.00	0	107	86	117	0			
Benzene	10.84	0.50	10.00	0	108	81	121	0			
Trichloroethene	10.86	0.50	10.00	0	109	74	123	0			
Toluene	10.78	0.50	10.00	0	108	88	117	0			
1,1,2-Trichloroethane	10.88	0.50	10.00	0	109	83	121	0			
Tetrachloroethene	10.94	0.50	10.00	0	109	74	115	0			
Chlorobenzene	10.41	0.50	10.00	0	104	83	112	0			
Ethylbenzene	10.95	0.50	10.00	0	110	87	110	0			
m,p-Xylene	22.33	0.50	20.00	0	112	87	114	0			
o-Xylene	11.70	0.50	10.00	0	117	84	114	0			
Surrogate: Dibromofluoromethane	10.06	0.50	10.00	0	101	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	10.12	0.50	10.00	0	101	79	115	0			
Surrogate: Toluene-d8	9.849	0.50	10.00	0	98.5	80	114	0			
Surrogate: Bromofluorobenzene	9.989	0.50	10.00	0	99.9	60	123	0			

0012

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Earth Tech - AECOM
 Work Order: G2413
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
 SW8260_25_W
 SW846 8260 -- VOC by GC-MS (25 mL Purge)

Sample ID: LCSD-41010 SampType: LCSD TestCode: SW8260_25_W Prep Date: 12/26/2008 Run ID: V6_081226A
 Client ID: LCSD-41010 Batch ID: 41010 Units: µg/L Analysis Date: 12/26/2008 SeqNo: 960080

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	9.562	0.50	10.00	0	95.6	77	120	9.457	1.1	40	
Chloroethane	7.346	0.50	10.00	0	73.5	75	135	10.09	31.5	40	S
1,1-Dichloroethene	9.157	0.50	10.00	0	91.6	81	125	8.821	3.74	40	
trans-1,2-Dichloroethene	8.541	0.50	10.00	0	85.4	60	137	8.457	0.996	40	
Methyl tert-butyl ether	9.582	0.50	10.00	0	95.8	61	134	9.266	3.35	40	
1,1-Dichloroethane	9.159	0.50	10.00	0	91.6	82	120	9.203	0.478	40	
cis-1,2-Dichloroethene	8.895	0.50	10.00	0	88.9	84	116	9.323	4.7	40	
1,1,1-Trichloroethane	8.868	0.50	10.00	0	88.7	80	124	9.269	4.42	40	
1,2-Dichloroethane	9.398	0.50	10.00	0	94.0	86	117	10.38	9.96	40	
Benzene	8.861	0.50	10.00	0	88.6	81	121	9.556	7.54	40	
Trichloroethene	8.470	0.50	10.00	0	84.7	74	123	9.470	11.2	40	
Toluene	8.984	0.50	10.00	0	89.8	88	117	9.925	9.95	40	
1,1,2-Trichloroethane	9.078	0.50	10.00	0	90.8	83	121	10.76	17	40	
Tetrachloroethene	8.970	0.50	10.00	0	89.7	74	115	9.671	7.53	40	
Chlorobenzene	9.122	0.50	10.00	0	91.2	83	112	9.652	5.65	40	
Ethylbenzene	9.195	0.50	10.00	0	91.9	87	110	9.758	5.95	40	
m,p-Xylene	18.53	0.50	20.00	0	92.7	87	114	19.86	6.93	40	
o-Xylene	9.553	0.50	10.00	0	95.5	84	114	10.17	6.26	40	
Surrogate: Dibromofluoromethane	9.880	0.50	10.00	0	98.8	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	9.412	0.50	10.00	0	94.1	79	115	0			
Surrogate: Toluene-d8	10.40	0.50	10.00	0	104	80	114	0			
Surrogate: Bromofluorobenzene	9.908	0.50	10.00	0	99.1	60	123	0			

0010

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

SW8260_25_W
SW846 8260 -- VOC by GC-MS (25 mL Purge)

CLIENT: Earth Tech - AECOM
Work Order: G2413
Project: NOW Corp. Site

Sample ID: LCSD-41094	SampType: LCSD	TestCode: SW8260_25_W	Prep Date: 12/31/2008	Run ID: V5_081231A							
Client ID: LCSD-41094	Batch ID: 41094	Units: µg/L	Analysis Date: 12/31/2008	SeqNo: 963116							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Vinyl chloride	9.745	0.50	10.00	0	97.5	77	120	10.60	8.43	40	
Chloroethane	11.14	0.50	10.00	0	111	75	135	10.82	2.92	40	
1,1-Dichloroethane	9.817	0.50	10.00	0	98.2	81	125	10.54	7.1	40	
trans-1,2-Dichloroethene	10.53	0.50	10.00	0	105	60	137	10.46	0.631	40	
Methyl tert-butyl ether	10.40	0.50	10.00	0	104	61	134	10.53	1.27	40	
1,1-Dichloroethane	10.55	0.50	10.00	0	106	82	120	10.54	0.0954	40	
cis-1,2-Dichloroethane	10.94	0.50	10.00	0	109	84	116	10.97	0.29	40	
1,1,1-Trichloroethane	9.936	0.50	10.00	0	99.4	80	124	10.01	0.761	40	
1,2-Dichloroethane	10.52	0.50	10.00	0	105	86	117	10.70	1.74	40	
Benzene	10.58	0.50	10.00	0	106	81	121	10.84	2.47	40	
Trichloroethene	10.46	0.50	10.00	0	105	74	123	10.86	3.77	40	
Toluene	10.51	0.50	10.00	0	105	88	117	10.78	2.58	40	
1,1,2-Trichloroethane	10.74	0.50	10.00	0	107	83	121	10.88	1.31	40	
Tetrachloroethane	10.60	0.50	10.00	0	106	74	115	10.94	3.11	40	
Chlorobenzene	10.55	0.50	10.00	0	106	83	112	10.41	1.38	40	
Ethylbenzene	11.07	0.50	10.00	0	111	87	110	10.95	1.03	40	S
m,p-Xylene	21.70	0.50	20.00	0	109	87	114	22.33	2.83	40	
o-Xylene	11.36	0.50	10.00	0	114	84	114	11.70	2.96	40	
Surrogate: Dibromofluoromethane	9.932	0.50	10.00	0	99.3	88	124	0	0		
Surrogate: 1,2-Dichloroethane-d4	9.844	0.50	10.00	0	98.4	79	115	0	0		
Surrogate: Toluene-d8	9.990	0.50	10.00	0	99.9	80	114	0	0		
Surrogate: Bromofluorobenzene	10.22	0.50	10.00	0	102	60	123	0	0		

0014

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

Mitkem Laboratories

Date: 06-Jan-09

Client: Earth Tech – AECOM
Client Sample ID: EFF-122208
Lab ID: G2413-01

Project: NOW Corp. Site
Collection Date: 12/22/08 11:15

Analyses	Result Qual	RL Units	DF Date Analyzed	Batch ID
EPA 1664 – Oil & Grease, HEM				E1664
Oil & Grease, Total Recoverable	ND	5.0 mg/L	1 01/05/2009 0:00	41058

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories**Date:** 06-Jan-09**Client:** Earth Tech – AECOM**Client Sample ID:** INF-122208**Lab ID:** G2413-02**Project:** NOW Corp. Site**Collection Date:** 12/22/08 11:30

Analyses	Result Qual	RL Units	DF Date Analyzed	Batch ID
EPA 1664 -- Oil & Grease, HEM				E1664
Oil & Grease, Total Recoverable	ND	5.0 mg/L	1 01/05/2009 0:00	41058

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech - AECOM
 Work Order: G2413
 Project: NOW Corp. Site

E1664
EPA 1664 -- Oil & Grease, HEM

Sample ID: MB-41058	SampType: MBLK	TestCode: E1664	Prep Date: 12/30/2008	Run ID: MANUAL_090105A
Client ID: MB-41058	Batch ID: 41058	Units: mg/L	Analysis Date: 1/5/2009	SeqNo: 963350
Analyte	Result PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit
Oil & Grease, Total Recoverable	ND 5.0			RPD Ref Val %RPD RPDLimit Qual

Sample ID: LCS-41058	SampType: LCS	TestCode: E1664	Prep Date: 12/30/2008	Run ID: MANUAL_090105A
Client ID: LCS-41058	Batch ID: 41058	Units: mg/L	Analysis Date: 1/5/2009	SeqNo: 963348
Analyte	Result PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit
Oil & Grease, Total Recoverable	34.10 5.0	40.00	0 85.3 78	11.4 0

Sample ID: LCSD-41058	SampType: LCSD	TestCode: E1664	Prep Date: 12/30/2008	Run ID: MANUAL_090105A
Client ID: LCSD-41058	Batch ID: 41058	Units: mg/L	Analysis Date: 1/5/2009	SeqNo: 963349
Analyte	Result PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit
Oil & Grease, Total Recoverable	36.50 5.0	40.00	0 91.3 78	11.4 34.10 6.8 18

0017

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

Mitkem Laboratories

Date: 09-Jan-09

Client: Earth Tech – AECOM
Client Sample ID: EFF-122208
Lab ID: G2413-01

Project: NOW Corp. Site
Collection Date: 12/22/08 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							SW6010_W
Aluminum	ND		200	µg/L	1	01/06/2009 14:48	41069
Arsenic	ND		20	µg/L	1	01/06/2009 14:48	41069
Barium	ND		200	µg/L	1	01/06/2009 14:48	41069
Chromium	ND		20	µg/L	1	01/06/2009 14:48	41069
Copper	ND		25	µg/L	1	01/06/2009 14:48	41069
Iron	ND		200	µg/L	1	01/06/2009 14:48	41069
Manganese	64		50	µg/L	1	01/06/2009 14:48	41069
Nickel	ND		50	µg/L	1	01/06/2009 14:48	41069
Zinc	ND		50	µg/L	1	01/06/2009 14:48	41069
SW846 7470 -- Mercury by FIA							SW7470
Mercury	ND		0.20	µg/L	1	01/03/2009 15:06	41104

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Laboratories

Date: 09-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: INF-122208

Lab ID: G2413-02

Project: NOW Corp. Site

Collection Date: 12/22/08 11:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							
							SW6010_W
Aluminum	ND		200	µg/L	1	01/06/2009 14:51	41069
Arsenic	ND		20	µg/L	1	01/06/2009 14:51	41069
Barium	ND		200	µg/L	1	01/06/2009 14:51	41069
Chromium	ND		20	µg/L	1	01/06/2009 14:51	41069
Copper	ND		25	µg/L	1	01/06/2009 14:51	41069
Iron	ND		200	µg/L	1	01/06/2009 14:51	41069
Manganese	77		50	µg/L	1	01/06/2009 14:51	41069
Nickel	ND		50	µg/L	1	01/06/2009 14:51	41069
Zinc	ND		50	µg/L	1	01/06/2009 14:51	41069
SW846 7470 -- Mercury by FIA							
							SW7470
Mercury	ND		0.20	µg/L	1	01/03/2009 15:08	41104

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech - AECOM
 Work Order: G2413
 Project: NOW Corp. Site

SW6010_W
 SW846 6010 -- Metals by ICP

Sample ID: MB-41069	SampType: MBLK	TestCode: SW6010_W	Prep Date: 12/30/2008	Run ID: OPTIMA3_090106A						
Client ID: MB-41069	Batch ID: 41069	Units: µg/L	Analysis Date: 1/6/2009	SeqNo: 964447						
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	200								
Arsenic	ND	20								
Barium	ND	200								
Chromium	ND	20								
Copper	ND	30								
Iron	ND	200								
Manganese	ND	50								
Nickel	ND	50								
Zinc	ND	50								

Sample ID: LCS-41069	SampType: LCS	TestCode: SW6010_W	Prep Date: 12/30/2008	Run ID: OPTIMA3_090106A						
Client ID: LCS-41069	Batch ID: 41069	Units: µg/L	Analysis Date: 1/6/2009	SeqNo: 964448						
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9116	200	9100	100	80	120	0	0		
Arsenic	518.3	20	455.0	114	80	120	0	0		
Barium	9481	200	9100	104	80	120	0	0		
Chromium	961.0	20	910.0	106	80	120	0	0		
Copper	1150	30	1130	102	80	120	0	0		
Iron	4782	200	4550	105	80	120	0	0		
Manganese	2401	50	2270	106	80	120	0	0		
Nickel	2378	50	2270	105	80	120	0	0		
Zinc	2365	50	2270	104	80	120	0	0		

0020

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech - AECOM
Work Order: G2413
Project: NOW Corp. Site

SW7470
SW846 7470 -- Mercury by FIA

Sample ID: MB-41104	SampType: MBLK	TestCode: SW7470	Prep Date: 1/2/2009	Run ID: FIMS1_090103B	
Client ID: MB-41104	Batch ID: 41104	Units: µg/L	Analysis Date: 1/3/2009	SeqNo: 962507	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Mercury	ND	0.20			RPD Ref Val %RPD RPDLimit Qual

Sample ID: LCS-41104	SampType: LCS	TestCode: SW7470	Prep Date: 1/2/2009	Run ID: FIMS1_090103B	
Client ID: LCS-41104	Batch ID: 41104	Units: µg/L	Analysis Date: 1/3/2009	SeqNo: 962508	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Mercury	4.828	0.20	0	106	80 120 0

0021

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

Mitkem Laboratories

Date: 30-Dec-08

Client: Earth Tech – AECOM

Client Sample ID: EFF-122208

Lab ID: G2413-01

Project: NOW Corp. Site

Collection Date: 12/22/08 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2540C -- TOTAL DISSOLVED SOLIDS							SM2540_TDS
Total Dissolved Solids	270		10	mg/L		12/26/2008 17:04	41018
SM 2540D -- TOTAL SUSPENDED SOLIDS							SM2540_TSS
Total Suspended Solids	17		10	mg/L		12/26/2008 16:34	41022
SW846 9012 -- Total Cyanide							SW9012_W
Cyanide	ND		10	µg/L		12/29/2008 13:54	41041

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

0022

Mitkem Laboratories

Date: 30-Dec-08

Client: Earth Tech – AECOM

Client Sample ID: INF-122208

Lab ID: G2413-02

Project: NOW Corp. Site

Collection Date: 12/22/08 11:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2540C -- TOTAL DISSOLVED SOLIDS							SM2540_TDS
Total Dissolved Solids	250		10	mg/L		1 12/26/2008 17:06	41018
SM 2540D -- TOTAL SUSPENDED SOLIDS							SM2540_TSS
Total Suspended Solids	27		10	mg/L		1 12/26/2008 16:38	41022
SW846 9012 -- Total Cyanide							SW9012_W
Cyanide	ND		10	µg/L		1 12/29/2008 13:56	41041

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

0023

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech - AECOM
Work Order: G2413
Project: NOW Corp. Site

SM2540_TDS
SM 2540C -- TOTAL DISSOLVED SOLIDS

Sample ID: MB-41018	SampType: MBLK	TestCode: SM2540_TDS	Prep Date: 12/26/2008	Run ID: MANUAL_081226A
Client ID: MB-41018	Batch ID: 41018	Units: mg/L	Analysis Date: 12/26/2008	SeqNo: 959810
Analyte	Result	PQL	SPK Ref Val	SPK value
Total Dissolved Solids	ND	10	%REC LowLimit HighLimit	RPD Ref Val
				%RPD RPDLimit
				Qual

Sample ID: LCS-41018	SampType: LCS	TestCode: SM2540_TDS	Prep Date: 12/26/2008	Run ID: MANUAL_081226A
Client ID: LCS-41018	Batch ID: 41018	Units: mg/L	Analysis Date: 12/26/2008	SeqNo: 959809
Analyte	Result	PQL	SPK Ref Val	SPK value
Total Dissolved Solids	837.0	10	0	817.0
			102	80
				120
				0

0024

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech - AECOM
Work Order: G2413
Project: NOW Corp. Site

SM2540_TSS

SM 2540D -- TOTAL SUSPENDED SOLIDS

Sample ID: MB-41022	SampType: MBLK	TestCode: SM2540_TSS	Prep Date: 12/26/2008	Run ID: MANUAL_081226B	
Client ID: MB-41022	Batch ID: 41022	Units: mg/L	Analysis Date: 12/26/2008	SeqNo: 959833	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
	ND	10	0	0	0 0
Total Suspended Solids			SPK value	%RPD	RPDLimit
			0	0	0

Sample ID: LCS-41022	SampType: LCS	TestCode: SM2540_TSS	Prep Date: 12/26/2008	Run ID: MANUAL_081226B	
Client ID: LCS-41022	Batch ID: 41022	Units: mg/L	Analysis Date: 12/26/2008	SeqNo: 959832	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
	50.00	10	0	112	80 120
Total Suspended Solids			SPK value	%RPD	RPDLimit
			44.80	0	0

Sample ID: G2413-01CDUP	SampType: DUP	TestCode: SM2540_TSS	Prep Date: 12/26/2008	Run ID: MANUAL_081226B	
Client ID: EFF-122208	Batch ID: 41022	Units: mg/L	Analysis Date: 12/26/2008	SeqNo: 959830	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
	18.00	10	0	0	0 0
Total Suspended Solids			SPK value	%RPD	RPDLimit
			0	0	17.00 20

9825

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech - AECOM

Work Order: G2413

SW9012_W

Project: NOW Corp. Site

SW846 9012 -- Total Cyanide

Sample ID: MB-41041	SampType: MBLK	TestCode: SW9012_W	Prep Date: 12/29/2008	Run ID: LACHAT1_081229A
Client ID: MB-41041	Batch ID: 41041	Units: µg/L	Analysis Date: 12/29/2008	SeqNo: 959680
Analyte	Result	PQL	SPK Ref Val	%REC
Cyanide	ND	20	SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

Sample ID: LCS-41041	SampType: LCS	TestCode: SW9012_W	Prep Date: 12/29/2008	Run ID: LACHAT1_081229A
Client ID: LCS-41041	Batch ID: 41041	Units: µg/L	Analysis Date: 12/29/2008	SeqNo: 959681
Analyte	Result	PQL	SPK Ref Val	%REC
Cyanide	87.61	20	0	87.6
			100.0	80
				120
				0

0025

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

Mitkem Laboratories

24/Dec/08 11:47

WorkOrder: G2413

Client ID: EARTH_NY

Case:

HC Due: 01/09/09 Report Level: LEVEL 2

Project: NOW Corp. Site

SDG:

Fax Due: EDD:

Location:

PO: 94017.02

Comments: N/A

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G2413-01A	EFF-122208	12/22/2008 11:15	12/24/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
G2413-01B	EFF-122208	12/22/2008 11:15	12/24/2008	Aqueous	SW6010_W	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M1
					SW7470	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M1
G2413-01C	EFF-122208	12/22/2008 11:15	12/24/2008	Aqueous	SM2540_TDS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F1
					SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F1
G2413-01D	EFF-122208	12/22/2008 11:15	12/24/2008	Aqueous	SW9012_W		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	F1
G2413-01E	EFF-122208	12/22/2008 11:15	12/24/2008	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F1
G2413-02A	INF-122208	12/22/2008 11:30	12/24/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
G2413-02B	INF-122208	12/22/2008 11:30	12/24/2008	Aqueous	SW6010_W	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M1
					SW7470	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M1
G2413-02C	INF-122208	12/22/2008 11:30	12/24/2008	Aqueous	SM2540_TDS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F1
					SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F1
G2413-02D	INF-122208	12/22/2008 11:30	12/24/2008	Aqueous	SW9012_W		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	F1

Client Rep: Edward A Lawler

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 94017.02

HC Due: 01/09/09

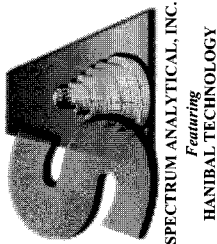
Fax Due:

Report Level: LEVEL 2

EDD:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G2413-02E	INF-122208	12/22/2008 11:30	12/24/2008	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FI
G2413-03A	TW-1	12/22/2008 11:40	12/24/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G2413-04A	TW-2A	12/22/2008 11:45	12/24/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G2413-05A	TW-3	12/22/2008 11:50	12/24/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G2413-06A	TRIP BLANK	12/22/2008 0:00	12/24/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	





CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: _____
 • All TATs subject to laboratory approval.
 • Min. 24-hour notification needed for rushes.
 • Samples disposed of after 60 days unless otherwise instructed.

Report To: AECOM
40 British American Blvd.
Latham NY 12110

Invoice To: Same
 P.O. No.: _____

Project No.: 94017.02
 Site Name: New Corp
 Location: STATTSBURG State: NY
 Sampler(s): SRG

Project Mgr.: Stephen Choiniere

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
 7=CH₃OH 8=NaHSO₄ 9= _____ 10= _____
 DW=Drinking Water GW=Groundwater WW=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
 X1= _____ X2= _____ X3= _____

Containers:
 # of VOA Vials
 # of Amber Glass
 # of Clear Glass
 # of Plastic

Analytes:
 Cyanide
 O+G
 TDS/TSS
 Metals *

QA Reporting Notes:
 (check if needed)
 Provide MA DEP MCP CAM Report
 Provide CT DEP RCP Report
QA/QC Reporting Level
 Standard No QC
 Other _____
 State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Metals *	TDS/TSS	O+G	Cyanide
01	EFF-122208	12/22/08	11:15	G	GW	245	2	2	3	3	X	X	X	X
02	INF-122208	12/22/08	11:30			245	2	2	3	3	X	X	X	X
03	TW-1		11:40			2	2	2						
04	TW-2A		11:45			2	2	2						
05	TW-3		11:30			2	2	2						
06	Trip Blank	12/09/08				2	2	2						

Relinquished by: Steve Dwyer Received by: CG Jackson Date: 12/22/08 Time: 14:05

Fax results when available to ()
 E-mail to _____
 EDD Format _____
 Condition upon receipt: Iced Ambient K°C 18

MITKEM LABORATORIES
Sample Condition Form

Received By: <u>CAW</u>	Reviewed By: <u>VES</u>	Date: <u>12/21/08</u>	MITKEM Workorder #: <u>G2413</u>				
Client Project: <u>NowCorp</u>		Client: <u>Earth Tec</u>			Soil Headspace or Air Bubbles $\geq 1/4$ "		
		Preservation (pH)					
	Lab Sample ID	HNO ₃	H ₂ SO ₄	HCl	NaOH	H ₃ PO ₄	VOA Matrix
1) Cooler Sealed <input checked="" type="radio"/> Yes / No	<u>G2413 01</u>						<u>H</u>
	<u>02</u>						
2) Custody Seal(s) <input checked="" type="radio"/> Present / Absent	<u>03</u>						
<input checked="" type="radio"/> Coolers / Bottles	<u>04</u>						
<input checked="" type="radio"/> Intact / Broken	<u>05</u>						
	<u>G2413 06</u>						<u>H</u>
3) Custody Seal Number(s) <u>NA</u>	<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> <p>CAW 12-24-08</p> </div>						
4) Chain-of-Custody <input checked="" type="radio"/> Present / Absent							
5) Cooler Temperature <u>6°C</u>							
Coolant Condition <u>ICE</u>							
6) Airbill(s) <input checked="" type="radio"/> Present / Absent							
Airbill Number(s) <u>FedEx</u>							
<u>868999025426</u>							
7) Sample Bottles <input checked="" type="radio"/> Intact / Broken / Leaking							
8) Date Received <u>12/24/08</u>							
9) Time Received <u>10:45</u>							
Preservative Name/Lot No:							
See Sample Condition Notification/Corrective Action Form		yes / <input checked="" type="radio"/> no			Rad OK yes / no		

Last Page of Data Report