

**Operation, Maintenance and Monitoring Report
February 2009**

**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

April 3, 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: "February" 2009**

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 35-day period (**January 19, 2009 - February 23, 2009**).

With the exceptions noted below, if any, the P&T system was online and operational throughout the reporting period. Approximately 830,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 23,700 gallons per day (gpd). During the prior reporting period, the average discharge was 23,400 gpd.

As of the last day of the reporting period, a total of 68,197,000 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 February 23, 2009. **There were no exceedences of effluent limitations.** A copy of the analytical laboratory's report is attached to this letter report. Table 2 summarizes selected operational data recorded on the sampling date.

Earth Tech made one visit during the period to conduct the required system inspection, perform scheduled and/or unscheduled maintenance, and to collect water samples. The January 19 service visit was described in the previous report. Details for the current period follow:

February 23 - Monthly system inspection and water sampling. Quarterly monitoring well water levels were recorded. Low propane was noted, and a shipment was ordered.

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

Page 2
Mr. Carl Hoffman
NYSDEC

Attachments

Table 1
Summary of Influent and Effluent Data
Sampling Date: February 23, 2009
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		23,726				Monitor	gpd
pH	7.0	6.7	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	240	NA	NA	NA	1000	mg/L
TSS	<10	<10	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	110	90	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	250	<0.50	3.2	350	4.1	5	ug/L
1,1,2-Trichloroethane	<5.0	<0.50	<1.0	<10	<.50	1.2	ug/L
1,1-Dichloroethane	83	<0.50	50	120	14	5	ug/L
1,1-Dichloroethene	10	<0.50	9.6	<10	1.3	0.5	ug/L
1,2-Dichloroethane	<5.0	<0.50	<1.0	<10	<.50	1.6	ug/L
Benzene	<5.0	<0.50	<1.0	<10	<.50	0.8	ug/L
Chlorobenzene	<5.0	<0.50	<1.0	<10	<.50	5	ug/L
Chloroethane	<5.0	<0.50	2.0	<10	<.50	5	ug/L
cis-1,2-Dichloroethene	8.2	<0.50	2.8	13	0.30 J	5	ug/L
Ethylbenzene	<5.0	<0.50	<1.0	<10	<.50	5	ug/L
Methyl tert-butyl ether	<5.0	<0.50	<1.0	<10	<.50	5	ug/L
o-Xylene	<5.0	<0.50	<1.0	<10	<.50	5	ug/L
p&m-Xylene	<5.0	<0.50	<1.0	<10	<.50	10	ug/L
Tetrachloroethene	<5.0	<0.50	<1.0	<10	<.50	1.4	ug/L
Toluene	<5.0	<0.50	<1.0	<10	<.50	5	ug/L
trans-1,2-Dichloroethene	<5.0	<0.50	<1.0	<10	<.50	5	ug/L
Trichloroethene	240	<0.50	44	320	12	5	ug/L
Vinyl Chloride	<5.0	<0.50	<1.0	<10	<.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 February 2009 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:	2/23/09	Units
<i>TW-1</i>		
Pumping Rate	9	GPM
Water Level Above Transducer	32.32	feet
Flow Meter Reading	4,761,000	gallons
Pump Pressure	75	psi
<i>TW-2A</i>		
Pumping Rate	15.7	GPM
Water Level Above Transducer	30.76	feet
Flow Meter Reading	9,123,400	gallons
Pump Pressure	22	psi
<i>TW-3</i>		
Pumping Rate	3.2	GPM
Water Level Above Transducer	23.72	feet
Flow Meter Reading	6,351,300	gallons
Pump Pressure	62	psi
<i>Air Stripper</i>		
Stripper Blower Pressure	17.5	inches H ₂ O
Air Temperature in Stripper	44	°F
Pressure Gauge - Left Leg	1.3	inches H ₂ O
Pressure Gauge - Right Leg	0.6	inches H ₂ O
<i>Effluent Flow</i>		
Effluent Flow this period (calculated)	830,400	gallons
Total Effluent Flow (calculated)	68,196,900	gallons

Table 3
February 2009 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	2/23/09	
		Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	9.85	279.65
MW-2	332.51	26.03	306.48
MW-3	312.83	24.65	288.18
MW-3S	312.51	22.30	290.21
MW-4	298.29	20.85	277.44
MW-4D	298.16	20.65	277.51
MW-5	285.48	18.09	267.39
MW-6S	287.90	4.10	283.80
MW-6D	287.25	6.50	280.75
MW-7S	292.12	20.91	271.21
MW-7D	292.54	54.47	238.07
OW-1	307.75	49.73	258.02
OW-2	305.96	70.95	235.01
OW-6	294.81	4.65	290.16
IW-1	312.46	27.96	284.50
IW-2	306.56	38.22	268.34

Note: N/A indicates data are not available.
MP denotes measuring point.

**INFLUENT & EFFLUENT WATER
ANALYTICAL REPORT**



A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

March 11, 2009

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

RE: Client Project: NOW Corp. Site, 94017.02, 02/09
Lab Project #: H0256

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", is written over the word "Sincerely,".

Edward A. Lawler
Laboratory Operations Manager

Report of Laboratory Analyses for Earth Tech - AECOM

Client Project: NOW Corp. 94017.02, 02/09

Mitkem Work Order ID: H0256

March 11, 2009

Prepared For: Earth Tech - AECOM
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 - AECOM

Client Project: NOW Corp, 94017.02, 02/09

Lab Work Order: H0256

Date samples received: 02/24/09

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech AECOM on February 24, 2009. 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. Percent recoveries in laboratory control samples were within the QC limits. The following samples were analyzed at dilution: INF 22309 at 10X, TW-1 at 2X, and TW-2A at 20X.

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. Matrix spike, duplicate and serial dilution analyses were performed for metals on sample INF 22309. Duplicate analyses were performed for total dissolved solids and total suspended solids on the same sample. Percent recoveries and relative percent differences were within the QC limits.

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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: EFF 22309

Lab ID: H0256-01

Project: NOW Corp. Site

Collection Date: 02/23/09 10:30

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		0.50	µg/L	1	02/26/2009 14:26	41993
Chloroethane	ND		0.50	µg/L	1	02/26/2009 14:26	41993
1,1-Dichloroethene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Methyl tert-butyl ether	ND		0.50	µg/L	1	02/26/2009 14:26	41993
1,1-Dichloroethane	ND		0.50	µg/L	1	02/26/2009 14:26	41993
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
1,1,1-Trichloroethane	ND		0.50	µg/L	1	02/26/2009 14:26	41993
1,2-Dichloroethane	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Benzene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Trichloroethene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Toluene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
1,1,2-Trichloroethane	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Tetrachloroethene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Chlorobenzene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Ethylbenzene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
m,p-Xylene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
o-Xylene	ND		0.50	µg/L	1	02/26/2009 14:26	41993
Surrogate: Dibromofluoromethane	95.2		88-124	%REC	1	02/26/2009 14:26	41993
Surrogate: 1,2-Dichloroethane-d4	102		79-115	%REC	1	02/26/2009 14:26	41993
Surrogate: Toluene-d8	100		80-114	%REC	1	02/26/2009 14:26	41993
Surrogate: Bromofluorobenzene	97.4		60-123	%REC	1	02/26/2009 14:26	41993

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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: INF 22309

Lab ID: H0256-02

Project: NOW Corp. Site

Collection Date: 02/23/09 10:45

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		5.0	µg/L		10 02/26/2009 14:55	41993
Chloroethane	ND		5.0	µg/L		10 02/26/2009 14:55	41993
1,1-Dichloroethene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
trans-1,2-Dichloroethene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
Methyl tert-butyl ether	ND		5.0	µg/L		10 02/26/2009 14:55	41993
1,1-Dichloroethane	83		5.0	µg/L		10 02/26/2009 14:55	41993
cis-1,2-Dichloroethene	8.2		5.0	µg/L		10 02/26/2009 14:55	41993
1,1,1-Trichloroethane	250		5.0	µg/L		10 02/26/2009 14:55	41993
1,2-Dichloroethane	ND		5.0	µg/L		10 02/26/2009 14:55	41993
Benzene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
Trichloroethene	240		5.0	µg/L		10 02/26/2009 14:55	41993
Toluene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
1,1,2-Trichloroethane	ND		5.0	µg/L		10 02/26/2009 14:55	41993
Tetrachloroethene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
Chlorobenzene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
Ethylbenzene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
m,p-Xylene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
o-Xylene	ND		5.0	µg/L		10 02/26/2009 14:55	41993
Surrogate: Dibromofluoromethane	98.3		88-124	%REC		10 02/26/2009 14:55	41993
Surrogate: 1,2-Dichloroethane-d4	109		79-115	%REC		10 02/26/2009 14:55	41993
Surrogate: Toluene-d8	99.3		80-114	%REC		10 02/26/2009 14:55	41993
Surrogate: Bromofluorobenzene	96.8		60-123	%REC		10 02/26/2009 14:55	41993

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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: TW-1

Lab ID: H0256-03

Project: NOW Corp. Site

Collection Date: 02/23/09 11:05

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		1.0	µg/L		2 02/26/2009 15:25	41993
Chloroethane	2.0		1.0	µg/L		2 02/26/2009 15:25	41993
1,1-Dichloroethene	9.6		1.0	µg/L		2 02/26/2009 15:25	41993
trans-1,2-Dichloroethene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
Methyl tert-butyl ether	ND		1.0	µg/L		2 02/26/2009 15:25	41993
1,1-Dichloroethane	50		1.0	µg/L		2 02/26/2009 15:25	41993
cis-1,2-Dichloroethene	2.8		1.0	µg/L		2 02/26/2009 15:25	41993
1,1,1-Trichloroethane	3.2		1.0	µg/L		2 02/26/2009 15:25	41993
1,2-Dichloroethane	ND		1.0	µg/L		2 02/26/2009 15:25	41993
Benzene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
Trichloroethene	44		1.0	µg/L		2 02/26/2009 15:25	41993
Toluene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
1,1,2-Trichloroethane	ND		1.0	µg/L		2 02/26/2009 15:25	41993
Tetrachloroethene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
Chlorobenzene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
Ethylbenzene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
m,p-Xylene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
o-Xylene	ND		1.0	µg/L		2 02/26/2009 15:25	41993
Surrogate: Dibromofluoromethane	94.2		88-124	%REC		2 02/26/2009 15:25	41993
Surrogate: 1,2-Dichloroethane-d4	110		79-115	%REC		2 02/26/2009 15:25	41993
Surrogate: Toluene-d8	99.3		80-114	%REC		2 02/26/2009 15:25	41993
Surrogate: Bromofluorobenzene	98.1		60-123	%REC		2 02/26/2009 15:25	41993

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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: TW-2A

Lab ID: H0256-04

Project: NOW Corp. Site

Collection Date: 02/23/09 11:00

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		10	µg/L		20 02/26/2009 15:54	41993
Chloroethane	ND		10	µg/L		20 02/26/2009 15:54	41993
1,1-Dichloroethene	ND		10	µg/L		20 02/26/2009 15:54	41993
trans-1,2-Dichloroethene	ND		10	µg/L		20 02/26/2009 15:54	41993
Methyl tert-butyl ether	ND		10	µg/L		20 02/26/2009 15:54	41993
1,1-Dichloroethane	120		10	µg/L		20 02/26/2009 15:54	41993
cis-1,2-Dichloroethene	13		10	µg/L		20 02/26/2009 15:54	41993
1,1,1-Trichloroethane	350		10	µg/L		20 02/26/2009 15:54	41993
1,2-Dichloroethane	ND		10	µg/L		20 02/26/2009 15:54	41993
Benzene	ND		10	µg/L		20 02/26/2009 15:54	41993
Trichloroethene	320		10	µg/L		20 02/26/2009 15:54	41993
Toluene	ND		10	µg/L		20 02/26/2009 15:54	41993
1,1,2-Trichloroethane	ND		10	µg/L		20 02/26/2009 15:54	41993
Tetrachloroethene	ND		10	µg/L		20 02/26/2009 15:54	41993
Chlorobenzene	ND		10	µg/L		20 02/26/2009 15:54	41993
Ethylbenzene	ND		10	µg/L		20 02/26/2009 15:54	41993
m,p-Xylene	ND		10	µg/L		20 02/26/2009 15:54	41993
o-Xylene	ND		10	µg/L		20 02/26/2009 15:54	41993
Surrogate: Dibromofluoromethane	106		88-124	%REC		20 02/26/2009 15:54	41993
Surrogate: 1,2-Dichloroethane-d4	108		79-115	%REC		20 02/26/2009 15:54	41993
Surrogate: Toluene-d8	99.9		80-114	%REC		20 02/26/2009 15:54	41993
Surrogate: Bromofluorobenzene	97.5		60-123	%REC		20 02/26/2009 15:54	41993

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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: TW-3

Project: NOW Corp. Site

Lab ID: H0256-05

Collection Date: 02/23/09 11:05

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	1	02/26/2009 16:24	41993
Chloroethane	ND		0.50	µg/L	1	02/26/2009 16:24	41993
1,1-Dichloroethene	1.3		0.50	µg/L	1	02/26/2009 16:24	41993
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
Methyl tert-butyl ether	ND		0.50	µg/L	1	02/26/2009 16:24	41993
1,1-Dichloroethane	14		0.50	µg/L	1	02/26/2009 16:24	41993
cis-1,2-Dichloroethene	0.30	J	0.50	µg/L	1	02/26/2009 16:24	41993
1,1,1-Trichloroethane	4.1		0.50	µg/L	1	02/26/2009 16:24	41993
1,2-Dichloroethane	ND		0.50	µg/L	1	02/26/2009 16:24	41993
Benzene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
Trichloroethene	12		0.50	µg/L	1	02/26/2009 16:24	41993
Toluene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
1,1,2-Trichloroethane	ND		0.50	µg/L	1	02/26/2009 16:24	41993
Tetrachloroethene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
Chlorobenzene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
Ethylbenzene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
m,p-Xylene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
o-Xylene	ND		0.50	µg/L	1	02/26/2009 16:24	41993
Surrogate: Dibromofluoromethane	103		88-124	%REC	1	02/26/2009 16:24	41993
Surrogate: 1,2-Dichloroethane-d4	106		79-115	%REC	1	02/26/2009 16:24	41993
Surrogate: Toluene-d8	98.1		80-114	%REC	1	02/26/2009 16:24	41993
Surrogate: Bromofluorobenzene	95.5		60-123	%REC	1	02/26/2009 16:24	41993

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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: TRIP BLANK

Project: NOW Corp. Site

Lab ID: H0256-06

Collection Date: 02/23/09 00:00

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	1 02/25/2009 14:04	41968
Chloroethane	ND	0.50 µg/L	1 02/25/2009 14:04	41968
1,1-Dichloroethene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
trans-1,2-Dichloroethene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Methyl tert-butyl ether	ND	0.50 µg/L	1 02/25/2009 14:04	41968
1,1-Dichloroethane	ND	0.50 µg/L	1 02/25/2009 14:04	41968
cis-1,2-Dichloroethene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
1,1,1-Trichloroethane	ND	0.50 µg/L	1 02/25/2009 14:04	41968
1,2-Dichloroethane	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Benzene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Trichloroethene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Toluene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
1,1,2-Trichloroethane	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Tetrachloroethene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Chlorobenzene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Ethylbenzene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
m,p-Xylene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
o-Xylene	ND	0.50 µg/L	1 02/25/2009 14:04	41968
Surrogate: Dibromofluoromethane	99.8	88-124 %REC	1 02/25/2009 14:04	41968
Surrogate: 1,2-Dichloroethane-d4	113	79-115 %REC	1 02/25/2009 14:04	41968
Surrogate: Toluene-d8	98.9	80-114 %REC	1 02/25/2009 14:04	41968
Surrogate: Bromofluorobenzene	97.6	60-123 %REC	1 02/25/2009 14:04	41968

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: H0256
 Project: NOW Corp. Site

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

Sample ID: MB-41968 SampType: MBLK TestCode: SW8260_25_W Run ID: V1_090225A
 Client ID: MB-41968 Batch ID: 41968 Units: µg/L Analysis Date: 02/25/2009 SeqNo: 986289

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	9.782	0.50	10.00	0	97.8	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	10.17	0.50	10.00	0	102	79	115	0			
Surrogate: Toluene-d8	10.31	0.50	10.00	0	103	80	114	0			
Surrogate: Bromofluorobenzene	9.391	0.50	10.00	0	93.9	60	123	0			



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

CLIENT: Earth Tech - AECOM
 Work Order: H0256
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

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

Sample ID: MB-41993	SampType: MBLK	Prep Date: 02/26/2009	Run ID: V1_090226A
Client ID: MB-41993	Batch ID: 41993	Analysis Date: 02/26/2009	SeqNo: 987275
Analyte	Result	SPK value	SPK Ref Val
	PQL	%REC	LowLimit HighLimit
		RPD Ref Val	%RPD RPDLimit
			Qual

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	9.153	0.50	10.00	0	91.5	88	124	0	0	0	
Surrogate: 1,2-Dichloroethane-d4	10.16	0.50	10.00	0	102	79	115	0	0	0	
Surrogate: Toluene-d8	10.13	0.50	10.00	0	101	80	114	0	0	0	
Surrogate: Bromofluorobenzene	9.730	0.50	10.00	0	97.3	60	123	0	0	0	

0010

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

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

CLIENT: Earth Tech - AECOM
Work Order: H0256
Project: NOW Corp. Site

Sample ID: LCS-41968 Prep Date: 02/25/2009 Run ID: V1_090225A
Client ID: LCS-41968 Analysis Date: 02/25/2009 SeqNo: 986290

TestCode: SW8260_25_W
Units: µg/L

SampType: LCS
Batch ID: 41968

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	9.796	0.50	10.00	0	98.0	77	120	0			
Chloroethane	8.712	0.50	10.00	0	87.1	75	135	0			
1,1-Dichloroethene	10.38	0.50	10.00	0	104	81	125	0			
trans-1,2-Dichloroethene	8.796	0.50	10.00	0	88.0	60	137	0			
Methyl tert-butyl ether	9.089	0.50	10.00	0	90.9	61	134	0			
1,1-Dichloroethane	9.967	0.50	10.00	0	99.7	82	120	0			
cis-1,2-Dichloroethene	9.938	0.50	10.00	0	99.4	84	116	0			
1,1,1-Trichloroethane	9.308	0.50	10.00	0	93.1	80	124	0			
1,2-Dichloroethane	9.203	0.50	10.00	0	92.0	86	117	0			
Benzene	9.580	0.50	10.00	0	95.8	81	121	0			
Trichloroethene	8.756	0.50	10.00	0	87.6	74	123	0			
Toluene	9.666	0.50	10.00	0	96.7	88	117	0			
1,1,2-Trichloroethane	8.910	0.50	10.00	0	89.1	83	121	0			
Tetrachloroethene	9.449	0.50	10.00	0	94.5	74	115	0			
Chlorobenzene	9.731	0.50	10.00	0	97.3	83	112	0			
Ethylbenzene	9.485	0.50	10.00	0	94.9	87	110	0			
m,p-Xylene	19.57	0.50	20.00	0	97.9	87	114	0			
o-Xylene	9.604	0.50	10.00	0	96.0	84	114	0			
Surrogate: Dibromofluoromethane	8.811	0.50	10.00	0	88.1	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	9.984	0.50	10.00	0	99.8	79	115	0			
Surrogate: Toluene-d8	10.18	0.50	10.00	0	102	80	114	0			
Surrogate: Bromofluorobenzene	9.623	0.50	10.00	0	96.2	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

ANALYTICAL QC SUMMARY REPORT

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

CLIENT: Earth Tech - AECOM
Work Order: H0256
Project: NOW Corp. Site

Sample ID: LCSD-41968 Prep Date: 02/25/2009 Run ID: V1_090225A
Client ID: LCSD-41968 Analysis Date: 02/25/2009 SeqNo: 986291

TestCode: SW8260_25_W
Units: µg/L

Samp Type: LCSD
Batch ID: 41968

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Vinyl chloride	9.050	0.50	10.00	0	90.5	77	120	9.796	7.92	40	
Chloroethane	9.884	0.50	10.00	0	98.8	75	135	8.712	12.6	40	
1,1-Dichloroethane	9.193	0.50	10.00	0	91.9	81	125	10.38	12.1	40	
trans-1,2-Dichloroethene	8.653	0.50	10.00	0	86.5	60	137	8.796	1.64	40	
Methyl tert-butyl ether	9.812	0.50	10.00	0	98.1	61	134	9.089	7.65	40	
1,1-Dichloroethane	9.430	0.50	10.00	0	94.3	82	120	9.967	5.54	40	
cis-1,2-Dichloroethene	9.629	0.50	10.00	0	96.3	84	116	9.938	3.16	40	
1,1,1-Trichloroethane	9.664	0.50	10.00	0	96.6	80	124	9.308	3.75	40	
1,2-Dichloroethane	9.184	0.50	10.00	0	91.8	86	117	9.203	0.215	40	
Benzene	9.907	0.50	10.00	0	99.1	81	121	9.580	3.36	40	
Trichloroethene	8.834	0.50	10.00	0	88.3	74	123	8.756	0.89	40	
Toluene	9.172	0.50	10.00	0	91.7	88	117	9.666	5.25	40	
1,1,2-Trichloroethane	9.289	0.50	10.00	0	92.9	83	121	8.910	4.17	40	
Tetrachloroethene	9.229	0.50	10.00	0	92.3	74	115	9.449	2.37	40	
Chlorobenzene	9.275	0.50	10.00	0	92.8	83	112	9.731	4.8	40	
Ethylbenzene	9.307	0.50	10.00	0	93.1	87	110	9.485	1.9	40	
m,p-Xylene	18.78	0.50	20.00	0	93.9	87	114	19.57	4.17	40	
o-Xylene	9.196	0.50	10.00	0	92.0	84	114	9.604	4.35	40	
Surrogate: Dibromofluoromethane	9.454	0.50	10.00	0	94.5	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	10.23	0.50	10.00	0	102	79	115	0			
Surrogate: Toluene-d8	10.08	0.50	10.00	0	101	80	114	0			
Surrogate: Bromofluorobenzene	9.965	0.50	10.00	0	99.7	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: H0256
 Project: NOW Corp. Site

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

Sample ID: LCS-41993 SampType: LCS TestCode: SW8260_25_W Prep Date: 02/26/2009 Run ID: V1_090226A
 Client ID: LCS-41993 Batch ID: 41993 Units: µg/L Analysis Date: 02/26/2009 SeqNo: 987276

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	10.23	0.50	10.00	0	102	77	120	0			
Chloroethane	10.65	0.50	10.00	0	107	75	135	0			
1,1-Dichloroethene	10.79	0.50	10.00	0	108	81	125	0			
trans-1,2-Dichloroethene	9.056	0.50	10.00	0	90.6	60	137	0			
Methyl tert-butyl ether	10.51	0.50	10.00	0	105	61	134	0			
1,1-Dichloroethane	10.79	0.50	10.00	0	108	82	120	0			
cis-1,2-Dichloroethene	9.165	0.50	10.00	0	91.7	84	116	0			
1,1,1-Trichloroethane	9.982	0.50	10.00	0	99.8	80	124	0			
1,2-Dichloroethane	10.31	0.50	10.00	0	103	86	117	0			
Benzene	10.02	0.50	10.00	0	100	81	121	0			
Trichloroethene	10.27	0.50	10.00	0	103	74	123	0			
Toluene	10.05	0.50	10.00	0	100	88	117	0			
1,1,2-Trichloroethane	9.715	0.50	10.00	0	97.1	83	121	0			
Tetrachloroethene	9.800	0.50	10.00	0	98.0	74	115	0			
Chlorobenzene	10.04	0.50	10.00	0	100	83	112	0			
Ethylbenzene	9.895	0.50	10.00	0	99.0	87	110	0			
m,p-Xylene	19.83	0.50	20.00	0	99.2	87	114	0			
o-Xylene	9.903	0.50	10.00	0	99.0	84	114	0			
Surrogate: Dibromofluoromethane	10.04	0.50	10.00	0	100	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	10.94	0.50	10.00	0	109	79	115	0			
Surrogate: Toluene-d8	9.934	0.50	10.00	0	99.3	80	114	0			
Surrogate: Bromofluorobenzene	10.02	0.50	10.00	0	100	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

CLIENT: Earth Tech - AECOM
 Work Order: H0256
 Project: NOW Corp. Site

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

Sample ID: LCSD-41993	SampType: LCSD	TestCode: SW8260_25_W	Prep Date:	Run ID: V1_090226A							
Client ID: LCSD-41993	Batch ID: 41993	Units: µg/L	Analysis Date: 02/26/2009	SeqNo: 987277							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	9.936	0.50	10.00	0	99.4	77	120	10.23	2.91	40	
Chloroethane	9.534	0.50	10.00	0	95.3	75	135	10.65	11.1	40	
1,1-Dichloroethene	11.23	0.50	10.00	0	112	81	125	10.79	3.99	40	
trans-1,2-Dichloroethene	9.179	0.50	10.00	0	91.8	60	137	9.056	1.35	40	
Methyl tert-butyl ether	9.969	0.50	10.00	0	99.7	61	134	10.51	5.28	40	
1,1-Dichloroethane	10.49	0.50	10.00	0	105	82	120	10.79	2.82	40	
cis-1,2-Dichloroethene	9.019	0.50	10.00	0	90.2	84	116	9.165	1.61	40	
1,1,1-Trichloroethane	9.612	0.50	10.00	0	96.1	80	124	9.982	3.78	40	
1,2-Dichloroethane	9.545	0.50	10.00	0	95.5	86	117	10.31	7.69	40	
Benzene	10.44	0.50	10.00	0	104	81	121	10.02	4.16	40	
Trichloroethene	10.36	0.50	10.00	0	104	74	123	10.27	0.888	40	
Toluene	10.03	0.50	10.00	0	100	88	117	10.05	0.118	40	
1,1,2-Trichloroethane	9.699	0.50	10.00	0	97.0	83	121	9.715	0.157	40	
Tetrachloroethene	9.880	0.50	10.00	0	98.8	74	115	9.800	0.81	40	
Chlorobenzene	9.866	0.50	10.00	0	98.7	83	112	10.04	1.79	40	
Ethylbenzene	10.12	0.50	10.00	0	101	87	110	9.895	2.24	40	
m,p-Xylene	20.25	0.50	20.00	0	101	87	114	19.83	2.09	40	
o-Xylene	10.19	0.50	10.00	0	102	84	114	9.903	2.84	40	
Surrogate: Dibromofluoromethane	9.985	0.50	10.00	0	99.9	88	124	0			
Surrogate: 1,2-Dichloroethane-d4	10.31	0.50	10.00	0	103	79	115	0			
Surrogate: Toluene-d8	10.19	0.50	10.00	0	102	80	114	0			
Surrogate: Bromofluorobenzene	10.16	0.50	10.00	0	102	60	123	0			



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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: EFF 22309

Lab ID: H0256-01

Project: NOW Corp. Site

Collection Date: 02/23/09 10:30

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	02/26/2009 0:00	41965

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: 27-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: INF 22309

Lab ID: H0256-02

Project: NOW Corp. Site

Collection Date: 02/23/09 10:45

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	02/26/2009 0:00	41965

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: H0256
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
E1664
EPA 1664 -- Oil & Grease, HEM

Sample ID: MB-41965	SampType: MBLK	TestCode: E1664	Prep Date: 2/25/2009	Run ID: MANUAL_090226A
Client ID: MB-41965	Batch ID: 41965	Units: mg/L	Analysis Date: 2/26/2009	SeqNo: 987133
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit
Oil & Grease, Total Recoverable	ND	5.0	SPK value	RPD Ref Val %RPD RPDLimit Qual

Sample ID: LCS-41965	SampType: LCS	TestCode: E1664	Prep Date: 2/25/2009	Run ID: MANUAL_090226A
Client ID: LCS-41965	Batch ID: 41965	Units: mg/L	Analysis Date: 2/26/2009	SeqNo: 987131
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit
Oil & Grease, Total Recoverable	32.50	5.0	40.00	81.3 78 114 0

Sample ID: LCSD-41965	SampType: LCSD	TestCode: E1664	Prep Date: 2/25/2009	Run ID: MANUAL_090226A
Client ID: LCSD-41965	Batch ID: 41965	Units: mg/L	Analysis Date: 2/26/2009	SeqNo: 987132
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit
Oil & Grease, Total Recoverable	34.90	5.0	40.00	87.3 78 114 32.50 7.12 18

0017

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

Mitkem Laboratories

Date: 04-Mar-09

Client: Earth Tech – AECOM

Client Sample ID: EFF 22309

Lab ID: H0256-01

Project: NOW Corp. Site

Collection Date: 02/23/09 10:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							SW6010_W
Aluminum	ND		200	µg/L	1	02/27/2009 12:04	42016
Arsenic	ND		20	µg/L	1	02/27/2009 12:04	42016
Barium	ND		200	µg/L	1	02/27/2009 12:04	42016
Chromium	ND		20	µg/L	1	02/27/2009 12:04	42016
Copper	ND		25	µg/L	1	02/27/2009 12:04	42016
Iron	ND		200	µg/L	1	02/27/2009 12:04	42016
Manganese	90		50	µg/L	1	02/27/2009 12:04	42016
Nickel	ND		50	µg/L	1	02/27/2009 12:04	42016
Zinc	ND		50	µg/L	1	02/27/2009 12:04	42016
SW846 7470 -- Mercury by FIA							SW7470
Mercury	ND		0.20	µg/L	1	02/27/2009 14:07	42021

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: 04-Mar-09

Client: Earth Tech – AECOM

Client Sample ID: INF 22309

Lab ID: H0256-02

Project: NOW Corp. Site

Collection Date: 02/23/09 10:45

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							SW6010_W
Aluminum	ND		200	µg/L		1 02/27/2009 12:07	42016
Arsenic	ND		20	µg/L		1 02/27/2009 12:07	42016
Barium	ND		200	µg/L		1 02/27/2009 12:07	42016
Chromium	ND		20	µg/L		1 02/27/2009 12:07	42016
Copper	ND		25	µg/L		1 02/27/2009 12:07	42016
Iron	ND		200	µg/L		1 02/27/2009 12:07	42016
Manganese	110		50	µg/L		1 02/27/2009 12:07	42016
Nickel	ND		50	µg/L		1 02/27/2009 12:07	42016
Zinc	ND		50	µg/L		1 02/27/2009 12:07	42016
SW846 7470 -- Mercury by FIA							SW7470
Mercury	ND		0.20	µg/L		1 02/27/2009 14:08	42021

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: H0256
 Project: NOW Corp. Site

SW6010_W
 SW846 6010 -- Metals by ICP

Sample ID: MB-42016	SampType: MBLK	TestCode: SW6010_W	Prep Date: 2/26/2009	Run ID: OPTIMA3_090227B							
Client ID: MB-42016	Batch ID: 42016	Units: µg/L	Analysis Date: 2/27/2009	SeqNo: 987656							
Analyte	Result	PQL	SPK value	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-42016	SampType: LCS	TestCode: SW6010_W	Prep Date: 2/26/2009	Run ID: OPTIMA3_090227B							
Client ID: LCS-42016	Batch ID: 42016	Units: µg/L	Analysis Date: 2/27/2009	SeqNo: 987657							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9223	200	9100	0	101	80	120	0			
Arsenic	518.5	20	455.0	0	114	80	120	0			
Barium	9333	200	9100	0	103	80	120	0			
Chromium	942.1	20	910.0	0	104	80	120	0			
Copper	1163	30	1130	0	103	80	120	0			
Iron	4737	200	4550	0	104	80	120	0			
Manganese	2398	50	2270	0	106	80	120	0			
Nickel	2347	50	2270	0	103	80	120	0			
Zinc	2353	50	2270	0	104	80	120	0			

6025

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: H0256
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
 SW6010_W
 SW846 6010 -- Metals by ICP

Sample ID: H0256-02BDUP SampType: DUP Batch ID: 42016 TestCode: SW6010_W Prep Date: 2/26/2009 Run ID: OPTIMA3_090227B
 Client ID: INF 22309 Units: µg/L Analysis Date: 2/27/2009 SeqNo: 987676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	200	0	0	0	0	0	0	0	20	
Arsenic	ND	20	0	0	0	0	0	0	0	20	
Barium	ND	200	0	0	0	0	0	77.89	4.75	20	
Chromium	ND	20	0	0	0	0	0	0	0	20	
Copper	ND	25	0	0	0	0	0	0	0	20	
Iron	ND	200	0	0	0	0	0	0	0	20	
Manganese	108.0	50	0	0	0	0	0	111.2	2.9	20	
Nickel	ND	50	0	0	0	0	0	0	0	20	
Zinc	ND	50	0	0	0	0	0	14.14	2.0	20	

Sample ID: H0256-02BMS SampType: MS Batch ID: 42016 TestCode: SW6010_W Prep Date: 2/26/2009 Run ID: OPTIMA3_090227B
 Client ID: INF 22309 Units: µg/L Analysis Date: 2/27/2009 SeqNo: 987677

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9849	200	9100	0	108	80	120	0	0	120	
Arsenic	524.1	20	455.5	0	115	80	120	0	0	120	
Barium	10240	200	9100	77.89	112	80	120	0	0	120	
Chromium	1001	20	910.0	0	110	80	120	0	0	120	
Copper	1268	25	1130	0	112	80	120	0	0	120	
Iron	5080	200	4550	0	112	80	120	0	0	120	
Manganese	2598	50	2270	111.2	110	80	120	0	0	120	
Nickel	2407	50	2270	0	106	80	120	0	0	120	
Zinc	2341	50	2270	14.14	103	80	120	0	0	120	

Sample ID: H0256-02BSD SampType: SD Batch ID: 42016 TestCode: SW6010_W Prep Date: 2/26/2009 Run ID: OPTIMA3_090227B
 Client ID: INF 22309 Units: µg/L Analysis Date: 2/27/2009 SeqNo: 987678

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	1000	0	0	0	0	0	0	0	10	
Arsenic	ND	100	0	0	0	0	0	0	0	10	
Barium	ND	1000	0	0	0	0	0	77.89	5.94	10	
Chromium	ND	100	0	0	0	0	0	0	0	10	
Copper	ND	130	0	0	0	0	0	0	0	10	
Iron	ND	1000	0	0	0	0	0	0	0	10	
Manganese	ND	250	0	0	0	0	0	111.2	5.07	10	
Nickel	ND	250	0	0	0	0	0	0	0	10	
Zinc	ND	250	0	0	0	0	0	14.14	0	10	

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: H0256
 Project: NOW Corp. Site

SW7470
 SW846 7470 -- Mercury by FIA

Sample ID: MB-42021	Samp Type: MBLK	TestCode: SW7470	Prep Date: 2/26/2009	Run ID: FIMS1_090227A	
Client ID: MB-42021	Batch ID: 42021	Units: µg/L	Analysis Date: 2/27/2009	SeqNo: 987696	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Mercury	ND	0.20			RPD Ref Val %RPD RPDLimit Qual

Sample ID: LCS-42021	Samp Type: LCS	TestCode: SW7470	Prep Date: 2/26/2009	Run ID: FIMS1_090227A	
Client ID: LCS-42021	Batch ID: 42021	Units: µg/L	Analysis Date: 2/27/2009	SeqNo: 987697	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Mercury	5.359	0.20	0	118	80 120 0

0022

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: 11-Mar-09

Client: Earth Tech – AECOM

Client Sample ID: EFF 22309

Lab ID: H0256-01

Project: NOW Corp. Site

Collection Date: 02/23/09 10:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2540C -- TOTAL DISSOLVED SOLIDS							SM2540_TDS
Total Dissolved Solids	240		10	mg/L	1	02/26/2009 16:34	42007
SM 2540D -- TOTAL SUSPENDED SOLIDS							SM2540_TSS
Total Suspended Solids	ND		10	mg/L	1	02/26/2009 16:34	42008
SW846 9012 -- Total Cyanide							SW9012_W
Cyanide	ND		10	µg/L	1	03/09/2009 12:55	42099

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: 11-Mar-09

Client: Earth Tech - AECOM

Client Sample ID: INF 22309

Lab ID: H0256-02

Project: NOW Corp. Site

Collection Date: 02/23/09 10:45

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 02/26/2009 16:36	42007
SM 2540D -- TOTAL SUSPENDED SOLIDS							SM2540_TSS
Total Suspended Solids	ND		10	mg/L		1 02/26/2009 16:36	42008
SW846 9012 -- Total Cyanide							SW9012_W
Cyanide	ND		10	µg/L		1 03/09/2009 12:57	42099

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: H0256
 Project: NOW Corp. Site

SM2540_TDS

SM 2540C -- TOTAL DISSOLVED SOLIDS

Sample ID: MB-42007	SampType: MBLK	TestCode: SM2540_TDS	Prep Date: 2/26/2009	Run ID: MANUAL_090226B
Client ID: MB-42007	Batch ID: 42007	Units: mg/L	Analysis Date: 2/26/2009	SeqNo: 988041
Analyte	Result	PQL	SPK Ref Val	%REC
	ND	10	SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

Sample ID: LCS-42007	SampType: LCS	TestCode: SM2540_TDS	Prep Date: 2/26/2009	Run ID: MANUAL_090226B
Client ID: LCS-42007	Batch ID: 42007	Units: mg/L	Analysis Date: 2/26/2009	SeqNo: 988042
Analyte	Result	PQL	SPK Ref Val	%REC
	548.0	10	0	98.4
			SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

Sample ID: H0256-02CDUP	SampType: DUP	TestCode: SM2540_TDS	Prep Date: 2/26/2009	Run ID: MANUAL_090226B
Client ID: INF 22309	Batch ID: 42007	Units: mg/L	Analysis Date: 2/26/2009	SeqNo: 988045
Analyte	Result	PQL	SPK Ref Val	%REC
	238.0	10	0	0
			SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

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

CLIENT: Earth Tech - AECOM
 Work Order: H0256
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT
 SM2540_TSS
 SM 2540D -- TOTAL SUSPENDED SOLIDS

Sample ID: MB-42008 SampType: MBLK TestCode: SM2540_TSS Prep Date: 2/26/2009 Run ID: MANUAL_090226C
 Client ID: MB-42008 Batch ID: 42008 Units: mg/L Analysis Date: 2/26/2009 SeqNo: 988046
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
 Total Suspended Solids ND 10 39.40 0 102 80 120 0 0 0 2.0

Sample ID: LCS-42008 SampType: LCS TestCode: SM2540_TSS Prep Date: 2/26/2009 Run ID: MANUAL_090226C
 Client ID: LCS-42008 Batch ID: 42008 Units: mg/L Analysis Date: 2/26/2009 SeqNo: 988047
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
 Total Suspended Solids 40.00 10 39.40 0 102 80 120 0 0 0 2.0

Sample ID: H0256-02CDUP SampType: DUP TestCode: SM2540_TSS Prep Date: 2/26/2009 Run ID: MANUAL_090226C
 Client ID: INF 22309 Batch ID: 42008 Units: mg/L Analysis Date: 2/26/2009 SeqNo: 988050
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
 Total Suspended Solids ND 10 0 0 0 0 0 0 0 0 2.0



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: H0256
 Project: NOW Corp. Site

SW9012_W
 SW846 9012 -- Total Cyanide

Sample ID: MB-42099	SampType: MBLK	TestCode: SW9012_W	Prep Date: 3/4/2009	Run ID: LACHAT1_090309A	
Client ID: MB-42099	Batch ID: 42099	Units: µg/L	Analysis Date: 3/9/2009	SeqNo: 990951	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Cyanide	ND	20			RPD Ref Val %RPD RPDLimit Qual

Sample ID: LCS-42099	SampType: LCS	TestCode: SW9012_W	Prep Date: 3/4/2009	Run ID: LACHAT1_090309A	
Client ID: LCS-42099	Batch ID: 42099	Units: µg/L	Analysis Date: 3/9/2009	SeqNo: 990958	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Cyanide	97.85	20	0	97.9	80 120 0

0027

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

24/Feb/09 12:24

WorkOrder: H0256

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 94017.02

HC Due: 03/12/09

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
H0256-01A	EFF 22309	02/23/2009 10:30	02/24/2009	Aqueous	SW8260_25_W	use for VOCs,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
H0256-01B	EFF 22309	02/23/2009 10:30	02/24/2009	Aqueous	SW6010_W SW7470	See SEL list See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M1 M1
H0256-01C	EFF 22309	02/23/2009 10:30	02/24/2009	Aqueous	SM2540_TDS SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L4 L4
H0256-01D	EFF 22309	02/23/2009 10:30	02/24/2009	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L4
H0256-01E	EFF 22309	02/23/2009 10:30	02/24/2009	Aqueous	SW9012_W		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L4
H0256-02A	INF 22309	02/23/2009 10:45	02/24/2009	Aqueous	SW8260_25_W	use for VOCs,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
H0256-02B	INF 22309	02/23/2009 10:45	02/24/2009	Aqueous	SW6010_W SW7470	See SEL list See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M1 M1
H0256-02C	INF 22309	02/23/2009 10:45	02/24/2009	Aqueous	SM2540_TDS SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L4 L4
H0256-02D	INF 22309	02/23/2009 10:45	02/24/2009	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L4

Client Rep: Edward A Lawler

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 94017.02

HC Due: 03/12/09

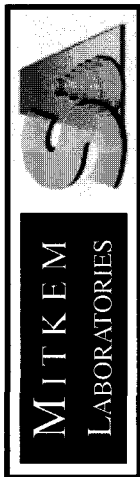
Fax Due:

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
H0256-02E	INF 22309	02/23/2009 10:45	02/24/2009	Aqueous	SW9012_W		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L4
H0256-03A	TW-1	02/23/2009 11:05	02/24/2009	Aqueous	SW8260_25_W	use for VOCs,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
H0256-04A	TW-2A	02/23/2009 11:00	02/24/2009	Aqueous	SW8260_25_W	use for VOCs,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
H0256-05A	TW-3	02/23/2009 11:05	02/24/2009	Aqueous	SW8260_25_W	use for VOCs,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
H0256-06A	TRIP BLANK	02/23/2009 0:00	02/24/2009	Aqueous	SW8260_25_W	use for VOCs,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA





A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
 Standard TAT - 10 to 15 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: Steve Choiniere
AECOM Environmental
40 British American Blvd.
Latham NY 12110
 Project Mgr.: Steve Choiniere

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

Project No.: 94017.02
 Site Name: Now Corp.
 Location: Stuttsburg State: NY
 Sampler(s): RKV + SRG

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
 7=CH₃OH 8=NaHSO₄ 9= None 10= _____
 DW=Drinking Water GW=Groundwater WW=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
 X1= _____ X2= _____ X3= _____

Containers: _____
 Analyses: _____
 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	Containers:				Analyses:				QA Reporting Notes:
							# of Amber Glass	# of Clear Glass	# of Plastic	8260	Metals *	TDS/TSS	O+G	Cyanide	
01	EFF 22309	2/23/09	10:30	G	GW	2,4	2	2	3		X	X	X	X	* AL, AS, BA,
02	INF 22309		10:45			2,4	2	2	3		X	X		CR, CU, FE,	
03	TW-1		10:55			2								MM, HG, ZN, N	
04	TW-2A		11:00			2									
05	TW-3		11:05			2									
06	Trip Blank					2									

Relinquished by: R. Brennan Vandenberg Date: 2/23/09 Time: 1400
 Received by: CB Pacheco Date: 2/24/09 Time: 8:45

Fax results when available to () _____
 E-mail to _____
 EDD Format _____
 Condition upon receipt: Iced Ambient °C 5

MITKEM LABORATORIES
Sample Condition Form

Received By: <u>CAW</u>	Reviewed By: <u>VEG</u>	Date: <u>2/24/09</u>	MITKEM Workorder #: <u>HO256</u>				
Client Project: <u>Now Comp</u>		Client: <u>Earth Tech</u>				Soil Headspace or Air Bubbles ≥ 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 / <input type="radio"/> No	<u>HO256 01</u>	<u>52</u>		<u>52</u>	<u>712</u>		<u>H</u>
	↓			<u>52</u>	<u>712</u>		↓
2) Custody Seal(s) <input checked="" type="radio"/> Present / <input type="radio"/> Absent	<u>02</u>						
<input checked="" type="radio"/> Coolers / <input type="radio"/> Bottles	<u>03</u>						
<input checked="" type="radio"/> Intact / <input type="radio"/> Broken	↓						↓
	<u>04</u>						
	<u>05</u>						
	<u>HO256 06</u>						<u>H</u>
3) Custody Seal Number(s) <u>NA</u>							
4) Chain-of-Custody <input checked="" type="radio"/> Present / <input type="radio"/> Absent							
5) Cooler Temperature <u>5°C</u>							
Coolant Condition <u>ICE</u>							
6) Airbill(s) <input checked="" type="radio"/> Present / <input type="radio"/> Absent							
Airbill Number(s) <u>Fed Ex</u>							
<u>8659 9902277</u>							
7) Sample Bottles <input checked="" type="radio"/> Intact / <input type="radio"/> Broken / <input type="radio"/> Leaking							
8) Date Received <u>2/24/09</u>							
9) Time Received <u>8:45</u>							
Preservative Name/Lot No:							

VOA Matrix Key:

US = Unpreserved Soil	A = Air
UA = Unpreserved Aqu.	H = HCl
M = MeOH	E = Encore
N = NaHSO ₄	F = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes / no

Last Page of Data Report