

**Operation, Maintenance and Monitoring Report
January 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

March 16, 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: January 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 28-day period (**December 22, 2008 - January 19, 2009**).

With the exceptions noted below, if any, the P&T system was online and operational throughout the reporting period. Approximately 656,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 23,400 gallons per day (gpd). During the prior reporting period, the average discharge was 17,900 gpd.

As of the last day of the reporting period, a total of 67,366,000 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 January 19, 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 three site visits during the period to conduct the required system inspection, perform scheduled and/or unscheduled maintenance, and to collect water samples. The December 22 service visit was described in the previous report. Details for the current period follow:

December 29 – Remote system monitoring indicated that the submersible pumps in recovery wells TW-1 and TW-2A had shut off shortly before midnight on Christmas eve. Techs removed an obstruction related at the gate valve in the discharge line for TW-1 and started the pump. TW-2A remains offline.

December 30 – Removed, cleaned and installed pump in recovery well TW-2A. All three recovery well pumps are back online. Cleaned TW-2A flow meter. Left a spare single-phase pump motor on site.

January 19 - Monthly system inspection and water sampling.

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: January 19, 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		23,421				Monitor	gpd
pH	6.8	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	240	230	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	85	72	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	300	<0.50	4.4	410	3.2	5	ug/L
1,1,2-Trichloroethane	<2.0	<0.50	<0.5	<1.3	<0.50	1.2	ug/L
1,1-Dichloroethane	110	<0.50	50	150	11	5	ug/L
1,1-Dichloroethene	10	<0.50	10	14	1.4	0.5	ug/L
1,2-Dichloroethane	<2.0	<0.50	<0.5	<1.3	<0.50	1.6	ug/L
Benzene	<2.0	<0.50	<0.5	<1.3	<0.50	0.8	ug/L
Chlorobenzene	<2.0	<0.50	<0.5	<1.3	<0.50	5	ug/L
Chloroethane	<2.0	<0.50	2.0	<1.3	<0.50	5	ug/L
cis-1,2-Dichloroethene	9.0	<0.50	2.5	13	0.31 J	5	ug/L
Ethylbenzene	<2.0	<0.50	<0.5	<1.3	<0.50	5	ug/L
Methyl tert-butyl ether	<2.0	<0.50	<0.5	<1.3	<0.50	5	ug/L
o-Xylene	<2.0	<0.50	<0.5	<1.3	<0.50	5	ug/L
p&m-Xylene	<2.0	<0.50	<0.5	<1.3	<0.50	10	ug/L
Tetrachloroethene	<2.0	<0.50	<0.5	<1.3	<0.50	1.4	ug/L
Toluene	<2.0	<0.50	<0.5	<1.3	0.53 ⁶	5	ug/L
trans-1,2-Dichloroethene	<2.0	<0.50	<0.5	<1.3	<0.50	5	ug/L
Trichloroethene	230	<0.50	44	320	11	5	ug/L
Vinyl Chloride	<2.0	<0.50	<0.5	<1.3	<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.
- 6) Toluene detected in trip blank at 0.51 ug/L

Table 2
Summary of January 2009 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		1/19/09	Units
<i>TW-1</i>			
	Pumping Rate	1	GPM
	Water Level Above Transducer	20.91	feet
	Flow Meter Reading	4,718,300	gallons
	Pump Pressure	73	psi
<i>TW-2A</i>			
	Pumping Rate	14	GPM
	Water Level Above Transducer	18.17	feet
	Flow Meter Reading	8,490,700	gallons
	Pump Pressure	24	psi
<i>TW-3</i>			
	Pumping Rate	3	GPM
	Water Level Above Transducer	19.59	feet
	Flow Meter Reading	6,196,300	gallons
	Pump Pressure	70	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	0.5	inches H ₂ O
<i>Effluent Flow</i>			
	Effluent Flow this period (calculated)	655,800	gallons
	Total Effluent Flow (calculated)	67,366,500	gallons

**INFLUENT & EFFLUENT WATER
ANALYTICAL REPORT**



A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

February 4, 2009

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

RE: Client Project: NOW Corp. Site, 94017.02, 01/09
Lab Project #: H0090

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

Client Project: NOW Corp. 94017.02, 01/09

Mitkem Work Order ID: H0090

February 4, 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, 01/09

Lab Work Order: H0090

Date samples received: 01/20/09

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech on January 20, 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.

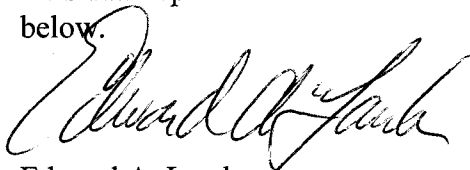
Surrogate recoveries were within the QC limits for volatile organic analyses. Percent recoveries in laboratory control samples were within the QC limits with the exception of o-xylene in LCSD-41534. The following samples were analyzed at dilution: INF 11909 at 4X and TW-2A at 2.5X.

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.

A handwritten signature in black ink, appearing to read "Edward A. Lawler", written in a cursive style.

Edward A. Lawler
Laboratory Operations Manager

Mitkem Laboratories

Date: 30-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: EFF 11909

Lab ID: H0090-01

Project: NOW Corp. Site

Collection Date: 01/19/09 10:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS							SW8260_W
Vinyl chloride	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Chloroethane	ND		0.50	µg/L	1	01/27/2009 18:45	41513
1,1-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Methyl tert-butyl ether	ND		0.50	µg/L	1	01/27/2009 18:45	41513
1,1-Dichloroethane	ND		0.50	µg/L	1	01/27/2009 18:45	41513
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
1,1,1-Trichloroethane	ND		0.50	µg/L	1	01/27/2009 18:45	41513
1,2-Dichloroethane	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Benzene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Trichloroethene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Toluene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
1,1,2-Trichloroethane	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Tetrachloroethene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Chlorobenzene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Ethylbenzene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
m,p-Xylene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
o-Xylene	ND		0.50	µg/L	1	01/27/2009 18:45	41513
Surrogate: Dibromofluoromethane	105		85-115	%REC	1	01/27/2009 18:45	41513
Surrogate: 1,2-Dichloroethane-d4	96.1		70-120	%REC	1	01/27/2009 18:45	41513
Surrogate: Toluene-d8	101		85-120	%REC	1	01/27/2009 18:45	41513
Surrogate: Bromofluorobenzene	92.0		75-120	%REC	1	01/27/2009 18:45	41513

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

0003

Mitkem Laboratories

Date: 30-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: INF 11909

Lab ID: H0090-02

Project: NOW Corp. Site

Collection Date: 01/19/09 10:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS							SW8260_W
Vinyl chloride	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Chloroethane	ND		2.0	µg/L	4	01/29/2009 18:47	41534
1,1-Dichloroethene	10		2.0	µg/L	4	01/29/2009 18:47	41534
trans-1,2-Dichloroethene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Methyl tert-butyl ether	ND		2.0	µg/L	4	01/29/2009 18:47	41534
1,1-Dichloroethane	110		2.0	µg/L	4	01/29/2009 18:47	41534
cis-1,2-Dichloroethene	9.0		2.0	µg/L	4	01/29/2009 18:47	41534
1,1,1-Trichloroethane	300		2.0	µg/L	4	01/29/2009 18:47	41534
1,2-Dichloroethane	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Benzene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Trichloroethene	230		2.0	µg/L	4	01/29/2009 18:47	41534
Toluene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
1,1,2-Trichloroethane	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Tetrachloroethene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Chlorobenzene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Ethylbenzene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
m,p-Xylene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
o-Xylene	ND		2.0	µg/L	4	01/29/2009 18:47	41534
Surrogate: Dibromofluoromethane	104		85-115	%REC	4	01/29/2009 18:47	41534
Surrogate: 1,2-Dichloroethane-d4	98.5		70-120	%REC	4	01/29/2009 18:47	41534
Surrogate: Toluene-d8	103		85-120	%REC	4	01/29/2009 18:47	41534
Surrogate: Bromofluorobenzene	96.0		75-120	%REC	4	01/29/2009 18:47	41534

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: 30-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: TW-1

Lab ID: H0090-03

Project: NOW Corp. Site

Collection Date: 01/19/09 10:45

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS							SW8260_W
Vinyl chloride	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Chloroethane	2.0		0.50	µg/L	1	01/27/2009 19:35	41513
1,1-Dichloroethene	10		0.50	µg/L	1	01/27/2009 19:35	41513
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Methyl tert-butyl ether	ND		0.50	µg/L	1	01/27/2009 19:35	41513
1,1-Dichloroethane	50		0.50	µg/L	1	01/27/2009 19:35	41513
cis-1,2-Dichloroethene	2.5		0.50	µg/L	1	01/27/2009 19:35	41513
1,1,1-Trichloroethane	4.4		0.50	µg/L	1	01/27/2009 19:35	41513
1,2-Dichloroethane	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Benzene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Trichloroethene	44		0.50	µg/L	1	01/27/2009 19:35	41513
Toluene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
1,1,2-Trichloroethane	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Tetrachloroethene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Chlorobenzene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Ethylbenzene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
m,p-Xylene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
o-Xylene	ND		0.50	µg/L	1	01/27/2009 19:35	41513
Surrogate: Dibromofluoromethane	102		85-115	%REC	1	01/27/2009 19:35	41513
Surrogate: 1,2-Dichloroethane-d4	96.4		70-120	%REC	1	01/27/2009 19:35	41513
Surrogate: Toluene-d8	102		85-120	%REC	1	01/27/2009 19:35	41513
Surrogate: Bromofluorobenzene	91.6		75-120	%REC	1	01/27/2009 19:35	41513

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

0005

Mitkem Laboratories

Date: 30-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: TW-2A

Lab ID: H0090-04

Project: NOW Corp. Site

Collection Date: 01/19/09 10:50

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS							SW8260_W
Vinyl chloride	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Chloroethane	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
1,1-Dichloroethene	14		1.3	µg/L	2.5	01/29/2009 19:12	41534
trans-1,2-Dichloroethene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Methyl tert-butyl ether	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
1,1-Dichloroethane	150		1.3	µg/L	2.5	01/29/2009 19:12	41534
cis-1,2-Dichloroethene	13		1.3	µg/L	2.5	01/29/2009 19:12	41534
1,1,1-Trichloroethane	410		1.3	µg/L	2.5	01/29/2009 19:12	41534
1,2-Dichloroethane	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Benzene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Trichloroethene	320		1.3	µg/L	2.5	01/29/2009 19:12	41534
Toluene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
1,1,2-Trichloroethane	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Tetrachloroethene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Chlorobenzene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Ethylbenzene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
m,p-Xylene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
o-Xylene	ND		1.3	µg/L	2.5	01/29/2009 19:12	41534
Surrogate: Dibromofluoromethane	104		85-115	%REC	2.5	01/29/2009 19:12	41534
Surrogate: 1,2-Dichloroethane-d4	97.9		70-120	%REC	2.5	01/29/2009 19:12	41534
Surrogate: Toluene-d8	103		85-120	%REC	2.5	01/29/2009 19:12	41534
Surrogate: Bromofluorobenzene	94.2		75-120	%REC	2.5	01/29/2009 19:12	41534

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

0006

Mitkem Laboratories

Date: 30-Jan-09

Client: Earth Tech -- AECOM

Client Sample ID: TW-3

Lab ID: H0090-05

Project: NOW Corp. Site

Collection Date: 01/19/09 10:55

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS							SW8260_W
Vinyl chloride	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Chloroethane	ND		0.50	µg/L	1	01/27/2009 20:01	41513
1,1-Dichloroethene	1.4		0.50	µg/L	1	01/27/2009 20:01	41513
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Methyl tert-butyl ether	ND		0.50	µg/L	1	01/27/2009 20:01	41513
1,1-Dichloroethane	11		0.50	µg/L	1	01/27/2009 20:01	41513
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
1,1,1-Trichloroethane	3.2		0.50	µg/L	1	01/27/2009 20:01	41513
1,2-Dichloroethane	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Benzene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Trichloroethene	11		0.50	µg/L	1	01/27/2009 20:01	41513
Toluene	0.53		0.50	µg/L	1	01/27/2009 20:01	41513
1,1,2-Trichloroethane	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Tetrachloroethene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Chlorobenzene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Ethylbenzene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
m,p-Xylene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
o-Xylene	ND		0.50	µg/L	1	01/27/2009 20:01	41513
Surrogate: Dibromofluoromethane	105		85-115	%REC	1	01/27/2009 20:01	41513
Surrogate: 1,2-Dichloroethane-d4	99.6		70-120	%REC	1	01/27/2009 20:01	41513
Surrogate: Toluene-d8	103		85-120	%REC	1	01/27/2009 20:01	41513
Surrogate: Bromofluorobenzene	94.4		75-120	%REC	1	01/27/2009 20:01	41513

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

0007

Mitkem Laboratories

Date: 30-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: TRIP BLANK

Lab ID: H0090-06

Project: NOW Corp. Site

Collection Date: 01/19/09 0:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8260 -- VOC by GC-MS							SW8260_W
Vinyl chloride	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Chloroethane	ND		0.50	µg/L	1	01/27/2009 18:19	41513
1,1-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Methyl tert-butyl ether	ND		0.50	µg/L	1	01/27/2009 18:19	41513
1,1-Dichloroethane	ND		0.50	µg/L	1	01/27/2009 18:19	41513
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
1,1,1-Trichloroethane	ND		0.50	µg/L	1	01/27/2009 18:19	41513
1,2-Dichloroethane	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Benzene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Trichloroethene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Toluene	0.51		0.50	µg/L	1	01/27/2009 18:19	41513
1,1,2-Trichloroethane	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Tetrachloroethene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Chlorobenzene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Ethylbenzene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
m,p-Xylene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
o-Xylene	ND		0.50	µg/L	1	01/27/2009 18:19	41513
Surrogate: Dibromofluoromethane	103		85-115	%REC	1	01/27/2009 18:19	41513
Surrogate: 1,2-Dichloroethane-d4	98.3		70-120	%REC	1	01/27/2009 18:19	41513
Surrogate: Toluene-d8	102		85-120	%REC	1	01/27/2009 18:19	41513
Surrogate: Bromofluorobenzene	94.0		75-120	%REC	1	01/27/2009 18:19	41513

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

0008

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech – AECOM

Work Order: H0090

SW8260_W

Project: NOW Corp. Site

SW846 8260 -- VOC by GC-MS

Sample ID: MB-41513	SampType: MBLK	TestCode: SW8260_W	Prep Date: 1/27/2009	Run ID: V2_090127B							
Client ID: MB-41513	Batch ID: 41513	Units: µg/L	Analysis Date: 1/27/2009	SeqNo: 973439							
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	51.38	0.50	50.00	0	103	85	115		0		
Surrogate: 1,2-Dichloroethane-d4	49.73	0.50	50.00	0	99.5	70	120		0		
Surrogate: Toluene-d8	50.25	0.50	50.00	0	101	85	120		0		
Surrogate: Bromofluorobenzene	46.38	0.50	50.00	0	92.8	75	120		0		

0000

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: H0090
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

SW8260_W
 SW846 8260 -- VOC by GC-MS

Sample ID: MB-41534	SampType: MBLK	TestCode: SW8260_W	Prep Date: 1/29/2009	Run ID: V2_090129A				
Client ID: MB-41534	Batch ID: 41534	Units: µg/L	Analysis Date: 1/29/2009	SeqNo: 974237				
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	51.57	0.50	50.00	0	103	85	115	0
Surrogate: 1,2-Dichloroethane-d4	49.85	0.50	50.00	0	99.7	70	120	0
Surrogate: Toluene-d8	50.91	0.50	50.00	0	102	85	120	0
Surrogate: Bromofluorobenzene	46.69	0.50	50.00	0	93.4	75	120	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

CLIENT: Earth Tech - AECOM

Work Order: H0090

Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

SW8260_W

SW846 8260 -- VOC by GC-MS

Sample ID: LCS-41513	SampType: LCS	TestCode: SW8260_W	Prep Date: 1/27/2009	Run ID: V2_090127B							
Client ID: LCS-41513	Batch ID: 41513	Units: µg/L	Analysis Date: 1/27/2009	SeqNo: 973440							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	47.15	0.50	50.00	0	94.3	50	145	0			
Chloroethane	47.65	0.50	50.00	0	95.3	60	135	0			
1,1-Dichloroethene	42.39	0.50	50.00	0	84.8	70	130	0			
trans-1,2-Dichloroethene	46.19	0.50	50.00	0	92.4	60	140	0			
Methyl tert-butyl ether	47.40	0.50	50.00	0	94.8	65	125	0			
1,1-Dichloroethane	48.29	0.50	50.00	0	96.6	70	135	0			
cis-1,2-Dichloroethene	47.78	0.50	50.00	0	95.6	70	125	0			
1,1,1-Trichloroethane	46.97	0.50	50.00	0	93.9	65	130	0			
1,2-Dichloroethane	48.46	0.50	50.00	0	96.9	70	130	0			
Benzene	47.02	0.50	50.00	0	94.0	80	120	0			
Trichloroethene	45.75	0.50	50.00	0	91.5	70	125	0			
Toluene	42.68	0.50	50.00	0	85.4	75	120	0			
1,1,2-Trichloroethane	45.77	0.50	50.00	0	91.5	75	125	0			
Tetrachloroethene	47.17	0.50	50.00	0	94.3	45	150	0			
Chlorobenzene	47.15	0.50	50.00	0	94.3	80	120	0			
Ethylbenzene	50.36	0.50	50.00	0	101	75	125	0			
m,p-Xylene	103.3	0.50	100.0	0	103	75	130	0			
o-Xylene	52.36	0.50	50.00	0	105	80	120	0			
Surrogate: Dibromofluoromethane	49.18	0.50	50.00	0	98.4	85	115	0			
Surrogate: 1,2-Dichloroethane-d4	48.21	0.50	50.00	0	96.4	70	120	0			
Surrogate: Toluene-d8	50.08	0.50	50.00	0	100	85	120	0			
Surrogate: Bromofluorobenzene	49.98	0.50	50.00	0	100	75	120	0			

0011

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: H0090

Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

SW8260_W

SW846 8260 -- VOC by GC-MS

Sample ID: LCS-41534		SampType: LCS		TestCode: SW8260_W		Prep Date: 1/29/2009		Run ID: V2_090129A	
Client ID: LCS-41534		Batch ID: 41534		Units: µg/L		Analysis Date: 1/29/2009		SeqNo: 974238	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit
Vinyl chloride	55.67	0.50	50.00	0	111	50	145	0	0
Chloroethane	55.86	0.50	50.00	0	112	60	135	0	0
1,1-Dichloroethene	49.00	0.50	50.00	0	98.0	70	130	0	0
trans-1,2-Dichloroethene	52.05	0.50	50.00	0	104	60	140	0	0
Methyl tert-butyl ether	54.75	0.50	50.00	0	110	65	125	0	0
1,1-Dichloroethane	55.58	0.50	50.00	0	111	70	135	0	0
cis-1,2-Dichloroethene	52.98	0.50	50.00	0	106	70	125	0	0
1,1,1-Trichloroethane	54.38	0.50	50.00	0	109	65	130	0	0
1,2-Dichloroethane	55.28	0.50	50.00	0	111	70	130	0	0
Benzene	52.82	0.50	50.00	0	106	80	120	0	0
Trichloroethene	49.58	0.50	50.00	0	99.2	70	125	0	0
Toluene	47.60	0.50	50.00	0	95.2	75	120	0	0
1,1,2-Trichloroethane	51.41	0.50	50.00	0	103	75	125	0	0
Tetrachloroethene	50.22	0.50	50.00	0	100	45	150	0	0
Chlorobenzene	53.03	0.50	50.00	0	106	80	120	0	0
Ethylbenzene	56.75	0.50	50.00	0	114	75	125	0	0
m,p-Xylene	115.8	0.50	100.0	0	116	75	130	0	0
o-Xylene	58.32	0.50	50.00	0	117	80	120	0	0
Surrogate: Dibromofluoromethane	49.69	0.50	50.00	0	99.4	85	115	0	0
Surrogate: 1,2-Dichloroethane-d4	49.35	0.50	50.00	0	98.7	70	120	0	0
Surrogate: Toluene-d8	49.81	0.50	50.00	0	99.6	85	120	0	0
Surrogate: Bromofluorobenzene	51.31	0.50	50.00	0	103	75	120	0	0

0012

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: H0090
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

SW8260_W
 SW846 8260 -- VOC by GC-MS

Sample ID: LCSD-41534	SampType: LCSD	TestCode: SW8260_W	Prep Date: 1/29/2009	Run ID: V2_090129A				
Client ID: LCSD-41534	Batch ID: 41534	Units: µg/L	Analysis Date: 1/29/2009	SeqNo: 974239				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Vinyl chloride	63.39	0.50	50.00	0	127	50	55.67	13 40
Chloroethane	62.65	0.50	50.00	0	125	60	55.86	11.5 40
1,1-Dichloroethene	54.68	0.50	50.00	0	109	70	49.00	11 40
trans-1,2-Dichloroethene	56.02	0.50	50.00	0	112	60	52.05	7.35 40
Methyl tert-butyl ether	62.18	0.50	50.00	0	124	65	54.75	12.7 40
1,1-Dichloroethane	59.43	0.50	50.00	0	119	70	55.58	6.7 40
cis-1,2-Dichloroethene	57.73	0.50	50.00	0	115	70	52.98	8.59 40
1,1,1-Trichloroethane	58.17	0.50	50.00	0	116	65	54.38	6.74 40
1,2-Dichloroethane	59.96	0.50	50.00	0	120	70	55.28	8.12 40
Benzene	56.77	0.50	50.00	0	114	80	52.82	7.21 40
Trichloroethene	54.42	0.50	50.00	0	109	70	49.58	9.31 40
Toluene	51.73	0.50	50.00	0	103	75	47.60	8.32 40
1,1,2-Trichloroethane	55.69	0.50	50.00	0	111	75	51.41	7.99 40
Tetrachloroethene	54.25	0.50	50.00	0	108	45	50.22	7.72 40
Chlorobenzene	56.34	0.50	50.00	0	113	80	53.03	6.05 40
Ethylbenzene	60.61	0.50	50.00	0	121	75	56.75	6.57 40
m,p-Xylene	124.3	0.50	100.0	0	124	75	115.8	7.07 40
o-Xylene	60.24	0.50	50.00	0	120	80	58.32	3.23 40
Surrogate: Dibromofluoromethane	50.68	0.50	50.00	0	101	85	0	0 40
Surrogate: 1,2-Dichloroethane-d4	51.07	0.50	50.00	0	102	70	0	0 40
Surrogate: Toluene-d8	49.93	0.50	50.00	0	99.9	85	0	0 40
Surrogate: Bromofluorobenzene	52.38	0.50	50.00	0	105	75	0	0 40

0013

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:** 23-Jan-09**Client:** Earth Tech -- AECOM**Client Sample ID:** EFF 11909**Lab ID:** H0090-01**Project:** NOW Corp. Site**Collection Date:** 01/19/09 10:00

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	01/21/2009 0:00	41395

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: 23-Jan-09

Client: Earth Tech – AECOM

Client Sample ID: INF 11909

Lab ID: H0090-02

Project: NOW Corp. Site

Collection Date: 01/19/09 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	01/21/2009 0:00	41395

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: H0090

E1664

Project: NOW Corp. Site

EPA 1664 -- Oil & Grease, HEM

Sample ID: MB-41395	SampType: MBLK	TestCode: E1664	Prep Date: 1/20/2009	Run ID: MANUAL_090121C
Client ID: MB-41395	Batch ID: 41395	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971456
Analyte	Result	PQL	SPK Ref Val	SPK value
	ND	5.0	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit Qual
Oil & Grease, Total Recoverable				
Sample ID: LCS-41395	SampType: LCS	TestCode: E1664	Prep Date: 1/20/2009	Run ID: MANUAL_090121C
Client ID: LCS-41395	Batch ID: 41395	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971454
Analyte	Result	PQL	SPK Ref Val	SPK value
	33.20	5.0	0	40.00
			83.0	78
			114	0
Oil & Grease, Total Recoverable				
Sample ID: LCSD-41395	SampType: LCSD	TestCode: E1664	Prep Date: 1/20/2009	Run ID: MANUAL_090121C
Client ID: LCSD-41395	Batch ID: 41395	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971455
Analyte	Result	PQL	SPK Ref Val	SPK value
	34.90	5.0	0	40.00
			87.3	78
			114	33.20
			4.99	18
Oil & Grease, Total Recoverable				

0016

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: 04-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: EFF 11909

Lab ID: H0090-01

Project: NOW Corp. Site

Collection Date: 01/19/09 10:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 6010 -- Metals by ICP							SW6010_W
Aluminum	ND		200	µg/L	1	01/26/2009 16:46	41445
Arsenic	ND		20	µg/L	1	01/26/2009 16:46	41445
Barium	ND		200	µg/L	1	01/26/2009 16:46	41445
Chromium	ND		20	µg/L	1	01/26/2009 16:46	41445
Copper	ND		25	µg/L	1	01/26/2009 16:46	41445
Iron	ND		200	µg/L	1	01/26/2009 16:46	41445
Manganese	72		50	µg/L	1	01/26/2009 16:46	41445
Nickel	ND		50	µg/L	1	01/26/2009 16:46	41445
Zinc	ND		50	µg/L	1	01/26/2009 16:46	41445
SW846 7470 -- Mercury by FIA							SW7470
Mercury	ND		0.20	µg/L	1	01/27/2009 12:54	41446

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-Feb-09

Client: Earth Tech – AECOM

Client Sample ID: INF 11909

Lab ID: H0090-02

Project: NOW Corp. Site

Collection Date: 01/19/09 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	01/26/2009 16:49	41445
Arsenic	ND		20	µg/L	1	01/26/2009 16:49	41445
Barium	ND		200	µg/L	1	01/26/2009 16:49	41445
Chromium	ND		20	µg/L	1	01/26/2009 16:49	41445
Copper	ND		25	µg/L	1	01/26/2009 16:49	41445
Iron	ND		200	µg/L	1	01/26/2009 16:49	41445
Manganese	85		50	µg/L	1	01/26/2009 16:49	41445
Nickel	ND		50	µg/L	1	01/26/2009 16:49	41445
Zinc	ND		50	µg/L	1	01/26/2009 16:49	41445
SW846 7470 -- Mercury by FIA							SW7470
Mercury	ND		0.20	µg/L	1	01/27/2009 12:55	41446

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: H0090

SW6010_W

Project: NOW Corp. Site

SW846 6010 -- Metals by ICP

Sample ID: MB-41445	SampType: MBLK	TestCode: SW6010_W	Prep Date: 1/22/2009	Run ID: OPTIMA2_090126B							
Client ID: MB-41445	Batch ID: 41445	Units: µg/L	Analysis Date: 1/26/2009	SeqNo: 973336							
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-41445	SampType: LCS	TestCode: SW6010_W	Prep Date: 1/22/2009	Run ID: OPTIMA2_090126B							
Client ID: LCS-41445	Batch ID: 41445	Units: µg/L	Analysis Date: 1/26/2009	SeqNo: 973331							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	10130	200	9100	0	111	80	120	0			
Arsenic	496.4	20	455.0	0	109	80	120	0			
Barium	10220	200	9100	0	112	80	120	0			
Chromium	1027	20	910.0	0	113	80	120	0			
Copper	1256	30	1130	0	111	80	120	0			
Iron	5225	200	4550	0	115	80	120	0			
Manganese	2631	50	2270	0	116	80	120	0			
Nickel	2523	50	2270	0	111	80	120	0			
Zinc	2545	50	2270	0	112	80	120	0			

0019

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: H0090
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

SW7470
SW846 7470 -- Mercury by FIA

Sample ID: MB-41446	SampType: MBLK	TestCode: SW7470	Prep Date: 1/22/2009	Run ID: FIMS1_090127B							
Client ID: MB-41446	Batch ID: 41446	Units: µg/L	Analysis Date: 1/27/2009	SeqNo: 974719							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND										
								</			

Sample ID: LCS-41446	SampType: LCS	TestCode: SW7470	Prep Date: 1/22/2009	Run ID: FIMS1_090127B							
Client ID: LCS-41446	Batch ID: 41446	Units: µg/L	Analysis Date: 1/27/2009	SeqNo: 974720							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	4.275	0.20	4.550	0	93.9	80	120	0			

Sample ID: LCSD-41446	SampType: LCSD	TestCode: SW7470	Prep Date: 1/22/2009	Run ID: FIMS1_090127B							
Client ID: LCSD-41446	Batch ID: 41446	Units: µg/L	Analysis Date: 1/27/2009	SeqNo: 974721							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	4.376	0.20	4.550	0	96.2	80	120	4.275	2.36	20	

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

Mitkem Laboratories**Date:** 26-Jan-09**Client:** Earth Tech – AECOM**Client Sample ID:** EFF 11909**Lab ID:** H0090-01**Project:** NOW Corp. Site**Collection Date:** 01/19/09 10:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SM 2540C -- TOTAL DISSOLVED SOLIDS							SM2540_TDS
Total Dissolved Solids	230		10	mg/L	1	01/21/2009 16:34	41435
SM 2540D -- TOTAL SUSPENDED SOLIDS							SM2540_TSS
Total Suspended Solids	ND		10	mg/L	1	01/21/2009 16:36	41437
SW846 9012 -- Total Cyanide							SW9012_W
Cyanide	ND		10	µg/L	1	01/23/2009 11:00	41411

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: 26-Jan-09

Client: Earth Tech – AECOM
Client Sample ID: INF 11909
Lab ID: H0090-02

Project: NOW Corp. Site
Collection Date: 01/19/09 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	01/21/2009 16:38	41435
SM 2540D -- TOTAL SUSPENDED SOLIDS							SM2540_TSS
Total Suspended Solids	ND		10	mg/L	1	01/21/2009 16:38	41437
SW846 9012 -- Total Cyanide							SW9012_W
Cyanide	ND		10	µg/L	1	01/23/2009 11:02	41411

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

Earth Tech - AECOM

CLIENT:

H0090

Work Order:

NOW Corp. Site

Project:

SM2540_TDS

SM 2540C -- TOTAL DISSOLVED SOLIDS

Sample ID: MB-41435	SampType: MBLK	TestCode: SM2540_TDS	Prep Date: 1/21/2009	Run ID: MANUAL_090121A	
Client ID: MB-41435	Batch ID: 41435	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971191	
Analyte		Result	SPK value	SPK Ref Val	RPD Ref Val
		ND	PQL	%REC LowLimit HighLimit	%RPD RPDLimit
Total Dissolved Solids		1064	1090	97.6	0
Sample ID: LCS-41435	SampType: LCS	TestCode: SM2540_TDS	Prep Date: 1/21/2009	Run ID: MANUAL_090121A	
Client ID: LCS-41435	Batch ID: 41435	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971192	
Analyte		Result	SPK value	SPK Ref Val	RPD Ref Val
		PQL	%REC LowLimit HighLimit	%RPD RPDLimit	Qual
Total Dissolved Solids		1064	1090	97.6	0
Sample ID: H0090-01CDUP	SampType: DUP	TestCode: SM2540_TDS	Prep Date: 1/21/2009	Run ID: MANUAL_090121A	
Client ID: EFF 11909	Batch ID: 41435	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971194	
Analyte		Result	SPK value	SPK Ref Val	RPD Ref Val
		PQL	%REC LowLimit HighLimit	%RPD RPDLimit	Qual
Total Dissolved Solids		241.0	0	232.0	3.81

0023

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: H0090
 Project: NOW Corp. Site

SM2540_TSS
 SM 2540D -- TOTAL SUSPENDED SOLIDS

Sample ID: MB-41437	SampType: MBLK	TestCode: SM2540_TSS	Prep Date: 1/21/2009	Run ID: MANUAL_090121B	
Client ID: MB-41437	Batch ID: 41437	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971196	
Analyte		Result	SPK value	SPK Ref Val	RPD Ref Val
		ND	1.0		%RPD RPDLimit
Total Suspended Solids					Qual
Sample ID: LCS-41437	SampType: LCS	TestCode: SM2540_TSS	Prep Date: 1/21/2009	Run ID: MANUAL_090121B	
Client ID: LCS-41437	Batch ID: 41437	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971197	
Analyte		Result	SPK value	SPK Ref Val	RPD Ref Val
		56.00	65.10	86.0	120
Total Suspended Solids					Qual
Sample ID: H0090-01CDUP	SampType: DUP	TestCode: SM2540_TSS	Prep Date: 1/21/2009	Run ID: MANUAL_090121B	
Client ID: EFF 11909	Batch ID: 41437	Units: mg/L	Analysis Date: 1/21/2009	SeqNo: 971198	
Analyte		Result	SPK value	SPK Ref Val	RPD Ref Val
		ND	1.0		%RPD RPDLimit
Total Suspended Solids					Qual

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: H0090
 Project: NOW Corp. Site

SW9012_W
 SW846 9012 -- Total Cyanide

Sample ID: MB-41411	SampType: MBLK	TestCode: SW9012_W	Prep Date: 1/21/2009	Run ID: LACHAT1_090123A	
Client ID: MB-41411	Batch ID: 41411	Units: µg/L	Analysis Date: 1/23/2009	SeqNo: 971678	
Analyte		Result	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide		ND	20		
Sample ID: LCS-41411	SampType: LCS	TestCode: SW9012_W	Prep Date: 1/21/2009	Run ID: LACHAT1_090123A	
Client ID: LCS-41411	Batch ID: 41411	Units: µg/L	Analysis Date: 1/23/2009	SeqNo: 971679	
Analyte		Result	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide		119.1	20	100.0	119 80 120 0
Sample ID: H0090-02EDUP	SampType: DUP	TestCode: SW9012_W	Prep Date: 1/21/2009	Run ID: LACHAT1_090123A	
Client ID: INF 11909	Batch ID: 41411	Units: µg/L	Analysis Date: 1/23/2009	SeqNo: 971683	
Analyte		Result	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide		ND	10	0	0 0 0 200 20
Sample ID: H0090-02EMS	SampType: MS	TestCode: SW9012_W	Prep Date: 1/21/2009	Run ID: LACHAT1_090123A	
Client ID: INF 11909	Batch ID: 41411	Units: µg/L	Analysis Date: 1/23/2009	SeqNo: 971686	
Analyte		Result	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide		123.1	10	100.0	123 75 125 0

0025

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

27/Jan/09 12:49

WorkOrder: H0090

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 94017.02

HC Due: 02/05/09

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
H0090-01A	EFF 11909	01/19/2009 10:00	01/20/2009	Aqueous	SW8260_W	0.5 ppb reporting limit	☐	☐	☒	VOA
H0090-01B	EFF 11909	01/19/2009 10:00	01/20/2009	Aqueous	SW6010_W	See SEL list	☐	☐	☒	M1
					SW7470	See SEL list	☐	☐	☐	M1
H0090-01C	EFF 11909	01/19/2009 10:00	01/20/2009	Aqueous	SM2540_TDS		☐	☐	☐	B4
					SM2540_TSS		☐	☐	☐	B4
H0090-01D	EFF 11909	01/19/2009 10:00	01/20/2009	Aqueous	E1664		☐	☐	☐	B4
H0090-01E	EFF 11909	01/19/2009 10:00	01/20/2009	Aqueous	SW9012_W		☐	☐	☒	B4
H0090-02A	INF 11909	01/19/2009 10:30	01/20/2009	Aqueous	SW8260_W	0.5 ppb reporting limit	☐	☐	☒	VOA
H0090-02B	INF 11909	01/19/2009 10:30	01/20/2009	Aqueous	SW6010_W	See SEL list	☐	☐	☒	M1
					SW7470	See SEL list	☐	☐	☐	M1
H0090-02C	INF 11909	01/19/2009 10:30	01/20/2009	Aqueous	SM2540_TDS		☐	☐	☐	B4
					SM2540_TSS		☐	☐	☐	B4
H0090-02D	INF 11909	01/19/2009 10:30	01/20/2009	Aqueous	E1664		☐	☐	☐	B4

Client Rep: Edward A Lawler

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 94017.02

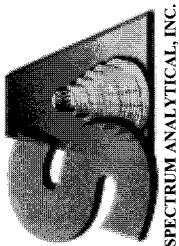
HC Due: 02/05/09

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
H0090-02E	INF 11909	01/19/2009 10:30	01/20/2009	Aqueous	SW9012_W		☐	☐	☒	B4
H0090-03A	TW-1	01/19/2009 10:45	01/20/2009	Aqueous	SW8260_W	0.5 ppb reporting limit	☐	☐	☒	VOA
H0090-04A	TW-2A	01/19/2009 10:50	01/20/2009	Aqueous	SW8260_W	0.5 ppb reporting limit	☐	☐	☒	VOA
H0090-05A	TW-3	01/19/2009 10:55	01/20/2009	Aqueous	SW8260_W	0.5 ppb reporting limit	☐	☐	☒	VOA
H0090-06A	TRIP BLANK	01/19/2009 0:00	01/20/2009	Aqueous	SW8260_W	0.5 ppb reporting limit	☐	☐	☒	VOA



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: Steve Choinier
AECOM Environmental
40 British American Blvd
Latham, NY 12110
Project Mgr.: Steve Choinier

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

Project No.: 94017.02
Site Name: New Corp
Location: Staatsburg State: NY
Sampler(s): RKV + REG

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:

of VOA Vials

of Amber Glass

of Clear Glass

of Plastic

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:

Matrix Type Preservative

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:
01	EFF11909	11/19/09	10:00
03	INF11909		10:30
03	TW-1		10:45
04	TW-2A		10:50
05	TW-3		10:55
06	Trip Blank		

Mt-ls*
TDS/TSS
O+G
Cyanide

*AL, AS, BA
CR, CU, FE, MN
HG, ZN, N

☐ Fax results when available to () _____

☐ E-mail to _____

EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 5

Relinquished by:

Roger Gray

Received by:

CR Padman

Date:

1-19-09

Time:

1:00

5:39

MITKEM LABORATORIES
Sample Condition Form

Page 1 of 1

Received By: <u>CAN</u>		Reviewed By: <u>VES</u>		Date: <u>1/20/01</u>		MITKEM Workorder #: <u>H0090</u>		
Client Project: <u>Nac Corp</u>				Client: <u>Accon</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	<u>(Yes)</u> / No	<u>H0090</u> <u>01</u>	<u><2</u>					<u>H</u>
		<u>↓</u> <u>02</u>	<u><2</u>					
2) Custody Seal(s)	<u>(Present)</u> / Absent	<u>↓</u> <u>03</u>						
	<u>(Coolers)</u> / Bottles	<u>↓</u> <u>04</u>						
	<u>(Intact)</u> / Broken	<u>↓</u> <u>05</u>						
		<u>H0090</u> <u>06</u>						<u>H</u>
3) Custody Seal Number(s) <u>N/A</u>		C.A.W. 1-20-01						
4) Chain-of-Custody	<u>(Present)</u> / Absent							
5) Cooler Temperature	<u>5°C</u>							
Coolant Condition	<u>ICE</u>							
6) Airbill(s)	<u>(Present)</u> / Absent							
Airbill Number(s)	<u>Fed Ex</u>							
	<u>800199022920</u>							
7) Sample Bottles	<u>(Intact)</u> / Broken / Leaking							
8) Date Received	<u>1/20/01</u>							
9) Time Received	<u>8139</u>							
Preservative Name/Lot No:								

VOA Matrix Key:
 US = Unpreserved Soil A = Air
 UA = Unpreserved Aqu. H = HCl
 M = MeOH E = Encore
 N = NaHSO₄ F = Freeze

See Sample Condition Notification/Corrective Action Form yes / no
 Rad OK yes/ no

Last Page of Data Report