

Operation, Maintenance and Monitoring Report January 2008

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

**Work Assignment No.
D004445-4**

Prepared for:



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

Prepared by:

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

March 25, 2008

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
Monthly Summary Report – “January” 2008

Dear Mr. Hoffman:

This monthly summary report describes the operation, monitoring and maintenance (OM&M) of the remedial system at the NOW Corporation site in the Town of Clinton, New York, for a 35-day period (**December 13, 2007 – January 17, 2008**).

With the exceptions noted below (if any), the P&T system was online and operational throughout the reporting period. Approximately 720,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 20,600 gallons per day (gpd). During the prior reporting period, the average discharge was 14,450 gpd.

As of the last day of the reporting period, a total of 61,226,000 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 17, 2008. **There were no exceedences of effluent limitations.** A copy of the laboratory data report is included in this letter report. Table 2 summarizes selected operational data recorded on the last day of the reporting period, and Table 3 is a display of quarterly water levels measured on the sampling date.

Earth Tech made four site visits during the reporting period to conduct the required system inspection, perform scheduled and/or unscheduled maintenance, and to collect water samples. The December 13th service visit was described in the previous report. Details for the current period follow:

December 28th - Brief visit to check on, and restore, modem connection to enable remote system monitoring.

January 4th - Replaced faulty surge suppressor on level sensor at TW-1 wellhead. The failed unit was causing erratic cycling of the submersible pump.

January 10th - Three techs onsite this day. One disassembled, cleaned and reassembled air stripper. Effluent pump discharge rates had been declining over the past months due to increasing mineralization of the PVC pipe interiors. Two techs moved now-unused (and deposit-free) 3” Schedule 80 PVC from the out-of-service sand filter unit over to the effluent pump. They also re-used some of the 2” PVC that was connected to the pump in the 1st settling tank – a pump that had never been used. The discharge rates on the effluent pump were greatly improved by this maintenance.

January 17th - Monthly system inspection and sampling, and quarterly water-level measurements. Removed fire extinguisher for annual off-site inspection.

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

A handwritten signature in cursive script, reading "Stephen Choiniere".

Stephen R. Choiniere
Project Manager

Attachments

Table 1
Summary of Influent and Effluent Data
Sampling Date: January 17, 2008
NOW Corporation Site
Town of Clinton, New York

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations	
			TW-1	TW-2A	TW-3		(units)
Quantity treated, per day		20,571				Monitor	gpd
pH	7.9	7.9	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	290	270	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	92	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	400	<0.50	1.5 J	740	10	5	ug/L
1,1,2-Trichloroethane	<20	<0.50	<2.0	<20	<0.50	1.2	ug/L
1,1-Dichloroethane	130	<0.50	66	220	18	5	ug/L
1,1-Dichloroethene	24	<0.50	13	48	2.3	0.5	ug/L
1,2-Dichloroethane	<20	<0.50	<2.0	<20	<0.50	1.6	ug/L
Benzene	<20	<0.50	<2.0	<20	<0.50	0.8	ug/L
Chlorobenzene	<20	<0.50	<2.0	<20	<0.50	5	ug/L
Chloroethane	<20	<0.50	3.7	<20	0.25 J	5	ug/L
cis-1,2-Dichloroethene	13 J	<0.50	2.7	25	0.32 J	5	ug/L
Ethylbenzene	<20	<0.50	<2.0	<20	<0.50	5	ug/L
Methyl tert-butyl ether	<20	<0.50	<2.0	<20	<0.50	5	ug/L
o-Xylene	<20	<0.50	<2.0	<20	<0.50	5	ug/L
p&m-Xylene	<20	<0.50	<2.0	<20	<0.50	10	ug/L
Tetrachloroethene	<20	<0.50	<2.0	<20	<0.50	1.4	ug/L
Toluene	<20	<0.50	<2.0	<20	<0.50	5	ug/L
trans-1,2-Dichloroethene	<20	<0.50	<2.0	<20	<0.50	5	ug/L
Trichloroethene	320	<0.50	46	600	14	5	ug/L
Vinyl Chloride	<20	<0.50	<2.0	<20	<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 method detection limit.
- 5) "D" denotes analytical result for a diluted sample.

Table 2
Summary of January 2008 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		1/17/08	Units
<i>TW-1</i>			
	Pumping Rate	1	GPM
	Water Level Above Transducer	29.2	feet
	Flow Meter Reading	4,334,600	gallons
	Pump Pressure	78	psi
<i>TW-2A</i>			
	Pumping Rate	8	GPM
	Water Level Above Transducer	19.78	feet
	Flow Meter Reading	4,080,300	gallons
	Pump Pressure	0	psi
<i>TW-3</i>			
	Pumping Rate	4	GPM
	Water Level Above Transducer	19.14	feet
	Flow Meter Reading	4,850,200	gallons
	Pump Pressure	58	psi
<i>Air Stripper</i>			
	Stripper Blower Pressure	17	inches H ₂ O
	Air Temperature in Stripper	44	°F
	Pressure Gauge - Left Leg	0.9	inches H ₂ O
	Pressure Gauge - Right Leg	0.5	inches H ₂ O
<i>Effluent Flow</i>			
	Effluent Flow this period (calculated)	720,000	gallons
	Total Effluent Flow (calculated)	61,226,300	gallons

Table 3
January 2008 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	1/17/08	
		Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	9.58	279.92
MW-2	332.51	24.80	307.71
MW-3	312.83	23.49	289.34
MW-3S	312.51	21.14	291.37
MW-4	298.29	20.85	277.44
MW-4D	298.16	20.64	277.52
MW-5	285.48	17.90	267.58
MW-6S	287.90	3.89	284.01
MW-6D	287.25	6.33	280.92
MW-7S	292.12	20.34	271.78
MW-7D	292.54	58.46	234.08
OW-1	307.75	50.62	257.13
OW-2	305.96	70.94	235.02
OW-6	294.81	4.04	290.77
IW-1	312.46	25.80	286.66
IW-2	306.56	38.04	268.52
MW-8	283.65	N/A	N/A
MW-9	275.37	N/A	N/A
MW-10	280.92	N/A	N/A
MW-11	283.72	N/A	N/A
OW-3	307.35	N/A	N/A
OW-4	308.30	N/A	N/A
OW-5	307.41	N/A	N/A
TW-2	290.52	N/A	N/A

*Note: N/A indicates groundwater level was not measured.
MP denotes measuring point.*

**INFLUENT & EFFLUENT WATER
ANALYTICAL REPORT**

Client: Earth Tech

Client Project: NOW Corp, 94017.02, 01/08

Lab Work Order: G0074

Date samples received: 01/18/08

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech on January 18, 2008. Analyses were performed per specification in the Chain of Custody form. For reference, a copy of the Mitkem Sample Log-In form is included for cross-referencing the client sample ID and laboratory sample ID.

Surrogate recoveries were within the QC limits for volatile organic analyses. Percent recoveries in laboratory control samples were within the QC limits. Due to elevated concentrations of target analytes, the following samples were initially analyzed at dilution: INF-011708 (40X), TW-1 (4X) and TW-2A (40X).

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", is written over a horizontal line.

Edward A. Lawler
Laboratory Operations Manager

Mitkem Laboratories**Date:** 29-Jan-08**Client:** Earth Tech**Client Sample ID:** EFF-011708**Lab ID:** G0074-01**Project:** NOW Corp. Site**Collection Date:** 01/17/08 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260_25_W				
Vinyl chloride	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Chloroethane	ND		0.50	µg/L	1	01/23/2008 17:53	34512
1,1-Dichloroethene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Methyl tert-butyl ether	ND		0.50	µg/L	1	01/23/2008 17:53	34512
1,1-Dichloroethane	ND		0.50	µg/L	1	01/23/2008 17:53	34512
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
1,1,1-Trichloroethane	ND		0.50	µg/L	1	01/23/2008 17:53	34512
1,2-Dichloroethane	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Benzene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Trichloroethene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Toluene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
1,1,2-Trichloroethane	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Tetrachloroethene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Chlorobenzene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Ethylbenzene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
m,p-Xylene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
o-Xylene	ND		0.50	µg/L	1	01/23/2008 17:53	34512
Surr: Dibromofluoromethane	110		88-124	%REC	1	01/23/2008 17:53	34512
Surr: 1,2-Dichloroethane-d4	104		79-115	%REC	1	01/23/2008 17:53	34512
Surr: Toluene-d8	99.4		80-114	%REC	1	01/23/2008 17:53	34512
Surr: Bromofluorobenzene	79.5		60-123	%REC	1	01/23/2008 17:53	34512

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: 29-Jan-08

Client: Earth Tech

Client Sample ID: INF-011708

Lab ID: G0074-02

Project: NOW Corp. Site

Collection Date: 01/17/08 10:50

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260_25_W				
Vinyl chloride	ND		20	µg/L	40	01/23/2008 18:24	34512
Chloroethane	ND		20	µg/L	40	01/23/2008 18:24	34512
1,1-Dichloroethene	24		20	µg/L	40	01/23/2008 18:24	34512
trans-1,2-Dichloroethene	ND		20	µg/L	40	01/23/2008 18:24	34512
Methyl tert-butyl ether	ND		20	µg/L	40	01/23/2008 18:24	34512
1,1-Dichloroethane	130		20	µg/L	40	01/23/2008 18:24	34512
cis-1,2-Dichloroethene	13	J	20	µg/L	40	01/23/2008 18:24	34512
1,1,1-Trichloroethane	400		20	µg/L	40	01/23/2008 18:24	34512
1,2-Dichloroethane	ND		20	µg/L	40	01/23/2008 18:24	34512
Benzene	ND		20	µg/L	40	01/23/2008 18:24	34512
Trichloroethene	320		20	µg/L	40	01/23/2008 18:24	34512
Toluene	ND		20	µg/L	40	01/23/2008 18:24	34512
1,1,2-Trichloroethane	ND		20	µg/L	40	01/23/2008 18:24	34512
Tetrachloroethene	ND		20	µg/L	40	01/23/2008 18:24	34512
Chlorobenzene	ND		20	µg/L	40	01/23/2008 18:24	34512
Ethylbenzene	ND		20	µg/L	40	01/23/2008 18:24	34512
m,p-Xylene	ND		20	µg/L	40	01/23/2008 18:24	34512
o-Xylene	ND		20	µg/L	40	01/23/2008 18:24	34512
Surr: Dibromofluoromethane	116		88-124	%REC	40	01/23/2008 18:24	34512
Surr: 1,2-Dichloroethane-d4	115		79-115	%REC	40	01/23/2008 18:24	34512
Surr: Toluene-d8	99.1		80-114	%REC	40	01/23/2008 18:24	34512
Surr: Bromofluorobenzene	82.4		60-123	%REC	40	01/23/2008 18:24	34512

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

0004

Mitkem Laboratories**Date:** 29-Jan-08**Client:** Earth Tech**Client Sample ID:** TW-1**Lab ID:** G0074-03**Project:** NOW Corp. Site**Collection Date:** 01/17/08 11:10

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260_25_W				
Vinyl chloride	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Chloroethane	3.7		2.0	µg/L		4 01/23/2008 18:55	34512
1,1-Dichloroethene	13		2.0	µg/L		4 01/23/2008 18:55	34512
trans-1,2-Dichloroethene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Methyl tert-butyl ether	ND		2.0	µg/L		4 01/23/2008 18:55	34512
1,1-Dichloroethane	66		2.0	µg/L		4 01/23/2008 18:55	34512
cis-1,2-Dichloroethene	2.7		2.0	µg/L		4 01/23/2008 18:55	34512
1,1,1-Trichloroethane	1.5	J	2.0	µg/L		4 01/23/2008 18:55	34512
1,2-Dichloroethane	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Benzene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Trichloroethene	46		2.0	µg/L		4 01/23/2008 18:55	34512
Toluene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
1,1,2-Trichloroethane	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Tetrachloroethene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Chlorobenzene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Ethylbenzene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
m,p-Xylene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
o-Xylene	ND		2.0	µg/L		4 01/23/2008 18:55	34512
Surr: Dibromofluoromethane	108		88-124	%REC		4 01/23/2008 18:55	34512
Surr: 1,2-Dichloroethane-d4	96.8		79-115	%REC		4 01/23/2008 18:55	34512
Surr: Toluene-d8	99.7		80-114	%REC		4 01/23/2008 18:55	34512
Surr: Bromofluorobenzene	78.4		60-123	%REC		4 01/23/2008 18:55	34512

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: 29-Jan-08

Client: Earth Tech

Client Sample ID: TW-2A

Lab ID: G0074-04

Project: NOW Corp. Site

Collection Date: 01/17/08 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260_25_W				
Vinyl chloride	ND		20	µg/L	40	01/25/2008 12:34	34557
Chloroethane	ND		20	µg/L	40	01/25/2008 12:34	34557
1,1-Dichloroethene	48		20	µg/L	40	01/25/2008 12:34	34557
trans-1,2-Dichloroethene	ND		20	µg/L	40	01/25/2008 12:34	34557
Methyl tert-butyl ether	ND		20	µg/L	40	01/25/2008 12:34	34557
1,1-Dichloroethane	220		20	µg/L	40	01/25/2008 12:34	34557
cis-1,2-Dichloroethene	25		20	µg/L	40	01/25/2008 12:34	34557
1,1,1-Trichloroethane	740		20	µg/L	40	01/25/2008 12:34	34557
1,2-Dichloroethane	ND		20	µg/L	40	01/25/2008 12:34	34557
Benzene	ND		20	µg/L	40	01/25/2008 12:34	34557
Trichloroethene	600		20	µg/L	40	01/25/2008 12:34	34557
Toluene	ND		20	µg/L	40	01/25/2008 12:34	34557
1,1,2-Trichloroethane	ND		20	µg/L	40	01/25/2008 12:34	34557
Tetrachloroethene	ND		20	µg/L	40	01/25/2008 12:34	34557
Chlorobenzene	ND		20	µg/L	40	01/25/2008 12:34	34557
Ethylbenzene	ND		20	µg/L	40	01/25/2008 12:34	34557
m,p-Xylene	ND		20	µg/L	40	01/25/2008 12:34	34557
o-Xylene	ND		20	µg/L	40	01/25/2008 12:34	34557
Surr: Dibromofluoromethane	108		88-124	%REC	40	01/25/2008 12:34	34557
Surr: 1,2-Dichloroethane-d4	101		79-115	%REC	40	01/25/2008 12:34	34557
Surr: Toluene-d8	99.7		80-114	%REC	40	01/25/2008 12:34	34557
Surr: Bromofluorobenzene	85.8		60-123	%REC	40	01/25/2008 12:34	34557

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: 29-Jan-08

Client: Earth Tech

Client Sample ID: TW-3

Lab ID: G0074-05

Project: NOW Corp. Site

Collection Date: 01/17/08 11:20

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260_25_W				
Vinyl chloride	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Chloroethane	0.25	J	0.50	µg/L	1	01/25/2008 13:08	34557
1,1-Dichloroethene	2.3		0.50	µg/L	1	01/25/2008 13:08	34557
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Methyl tert-butyl ether	ND		0.50	µg/L	1	01/25/2008 13:08	34557
1,1-Dichloroethane	18		0.50	µg/L	1	01/25/2008 13:08	34557
cis-1,2-Dichloroethene	0.32	J	0.50	µg/L	1	01/25/2008 13:08	34557
1,1,1-Trichloroethane	10		0.50	µg/L	1	01/25/2008 13:08	34557
1,2-Dichloroethane	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Benzene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Trichloroethene	14		0.50	µg/L	1	01/25/2008 13:08	34557
Toluene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
1,1,2-Trichloroethane	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Tetrachloroethene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Chlorobenzene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Ethylbenzene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
m,p-Xylene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
o-Xylene	ND		0.50	µg/L	1	01/25/2008 13:08	34557
Surr: Dibromofluoromethane	110		88-124	%REC	1	01/25/2008 13:08	34557
Surr: 1,2-Dichloroethane-d4	101		79-115	%REC	1	01/25/2008 13:08	34557
Surr: Toluene-d8	99.2		80-114	%REC	1	01/25/2008 13:08	34557
Surr: Bromofluorobenzene	80.5		60-123	%REC	1	01/25/2008 13:08	34557

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: 29-Jan-08

Client: Earth Tech

Client Sample ID: TRIP BLANK

Lab ID: G0074-06

Project: NOW Corp. Site

Collection Date: 01/10/08 00:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260_25_W				
Vinyl chloride	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Chloroethane	ND		0.50	µg/L	1	01/23/2008 15:45	34512
1,1-Dichloroethene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Methyl tert-butyl ether	ND		0.50	µg/L	1	01/23/2008 15:45	34512
1,1-Dichloroethane	ND		0.50	µg/L	1	01/23/2008 15:45	34512
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
1,1,1-Trichloroethane	ND		0.50	µg/L	1	01/23/2008 15:45	34512
1,2-Dichloroethane	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Benzene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Trichloroethene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Toluene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
1,1,2-Trichloroethane	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Tetrachloroethene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Chlorobenzene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Ethylbenzene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
m,p-Xylene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
o-Xylene	ND		0.50	µg/L	1	01/23/2008 15:45	34512
Surr: Dibromofluoromethane	103		88-124	%REC	1	01/23/2008 15:45	34512
Surr: 1,2-Dichloroethane-d4	93.2		79-115	%REC	1	01/23/2008 15:45	34512
Surr: Toluene-d8	100		80-114	%REC	1	01/23/2008 15:45	34512
Surr: Bromofluorobenzene	86.4		60-123	%REC	1	01/23/2008 15:45	34512

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

0000

CLIENT: Earth Tech
Work Order: G0074
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW8260_25_W

Sample ID: MB-34512		SampType: MBLK	TestCode: SW8260_25_W		Prep Date: 01/23/2008		Run ID: V2_080123A				
Client ID: MB-34512		Batch ID: 34512	Units: µg/L		Analysis Date: 01/23/2008		SeqNo: 755803				
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									
Surr: Dibromofluoromethane	5.023	0.50	5.000	0	100	88	124	0			
Surr: 1,2-Dichloroethane-d4	4.529	0.50	5.000	0	90.6	79	115	0			
Surr: Toluene-d8	5.037	0.50	5.000	0	101	80	114	0			
Surr: Bromofluorobenzene	4.545	0.50	5.000	0	90.9	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

Sample ID: MB-34557	SampType: MBLK	TestCode: SW8260_25_W	Prep Date: 01/25/2008	Run ID: V2_080125A							
Client ID: MB-34557	Batch ID: 34557	Units: µg/L	Analysis Date: 01/25/2008	SeqNo: 756270							
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									
Surr: Dibromofluoromethane	5.325	0.50	5.000	0	106	88	124	0			
Surr: 1,2-Dichloroethane-d4	4.789	0.50	5.000	0	95.8	79	115	0			
Surr: Toluene-d8	5.018	0.50	5.000	0	100	80	114	0			
Surr: Bromofluorobenzene	4.015	0.50	5.000	0	80.3	60	123	0			

0010

Sample ID: LCS-34512	SampType: LCS	TestCode: SW8260_25_W	Prep Date: 01/23/2008	Run ID: V2_080123A								
Client ID: LCS-34512	Batch ID: 34512	Units: µg/L	Analysis Date: 01/23/2008	SeqNo: 755804								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD	Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride Chloroethane 1,1-Dichloroethene trans-1,2-Dichloroethene Methyl tert-butyl ether 1,1-Dichloroethane cis-1,2-Dichloroethene 1,1,1-Trichloroethane 1,2-Dichloroethane Benzene Trichloroethene Toluene 1,1,2-Trichloroethane Tetrachloroethene Chlorobenzene Ethylbenzene m,p-Xylene o-Xylene Surr: Dibromofluoromethane Surr: 1,2-Dichloroethane-d4 Surr: Toluene-d8 Surr: Bromofluorobenzene	9.996	0.50	10.00	0	100	77	120		0			
	10.16	0.50	10.00	0	102	75	135		0			
	9.654	0.50	10.00	0	96.5	81	125		0			
	10.02	0.50	10.00	0	100	60	137		0			
	9.724	0.50	10.00	0	97.2	61	134		0			
	9.684	0.50	10.00	0	96.8	82	120		0			
	9.683	0.50	10.00	0	96.8	84	116		0			
	9.911	0.50	10.00	0	99.1	80	124		0			
	10.06	0.50	10.00	0	101	86	117		0			
	10.11	0.50	10.00	0	101	81	121		0			
	9.745	0.50	10.00	0	97.4	74	123		0			
	10.05	0.50	10.00	0	100	88	117		0			
	9.893	0.50	10.00	0	98.9	83	121		0			
	9.470	0.50	10.00	0	94.7	74	115		0			
	9.957	0.50	10.00	0	99.6	83	112		0			
	10.04	0.50	10.00	0	100	87	110		0			
20.46	0.50	20.00	0	102	87	114		0				
10.36	0.50	10.00	0	104	84	114		0				
5.062	0.50	5.000	0	101	88	124		0				
4.986	0.50	5.000	0	99.7	79	115		0				
5.060	0.50	5.000	0	101	80	114		0				
5.053	0.50	5.000	0	101	60	123		0				

Sample ID: LCS-34557	SampType: LCS	TestCode: SW8260_25_W	Prep Date: 01/25/2008	Run ID: V2_080125A							
Client ID: LCS-34557	Batch ID: 34557	Units: µg/L	Analysis Date: 01/25/2008	SeqNo: 756271							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	10.66	0.50	10.00	0	107	77	120	0			
Chloroethane	10.40	0.50	10.00	0	104	75	135	0			
1,1-Dichloroethene	10.42	0.50	10.00	0	104	81	125	0			
trans-1,2-Dichloroethene	10.65	0.50	10.00	0	106	60	137	0			
Methyl tert-butyl ether	9.591	0.50	10.00	0	95.9	61	134	0			
1,1-Dichloroethane	10.50	0.50	10.00	0	105	82	120	0			
cis-1,2-Dichloroethene	10.18	0.50	10.00	0	102	84	116	0			
1,1,1-Trichloroethane	10.76	0.50	10.00	0	108	80	124	0			
1,2-Dichloroethane	10.38	0.50	10.00	0	104	86	117	0			
Benzene	10.53	0.50	10.00	0	105	81	121	0			
Trichloroethene	10.10	0.50	10.00	0	101	74	123	0			
Toluene	10.35	0.50	10.00	0	103	88	117	0			
1,1,2-Trichloroethane	10.51	0.50	10.00	0	105	83	121	0			
Tetrachloroethene	10.27	0.50	10.00	0	103	74	115	0			
Chlorobenzene	10.29	0.50	10.00	0	103	83	112	0			
Ethylbenzene	10.63	0.50	10.00	0	106	87	110	0			
m,p-Xylene	21.37	0.50	20.00	0	107	87	114	0			
o-Xylene	10.70	0.50	10.00	0	107	84	114	0			
Surr: Dibromofluoromethane	5.042	0.50	5.000	0	101	88	124	0			
Surr: 1,2-Dichloroethane-d4	5.139	0.50	5.000	0	103	79	115	0			
Surr: Toluene-d8	4.972	0.50	5.000	0	99.4	80	114	0			
Surr: Bromofluorobenzene	4.926	0.50	5.000	0	98.5	60	123	0			

0012

Sample ID: LCSD-34512		SampType: LCSD	TestCode: SW8260_25_W		Prep Date: 01/23/2008		Run ID: V2_080123A				
Client ID: LCSD-34512		Batch ID: 34512	Units: µg/L		Analysis Date: 01/23/2008		SeqNo: 755805				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride Chloroethane 1,1-Dichloroethene trans-1,2-Dichloroethene Methyl tert-butyl ether 1,1-Dichloroethane cis-1,2-Dichloroethene 1,1,1-Trichloroethane 1,2-Dichloroethane Benzene	9.520	0.50	10.00	0	95.2	77	120	9.996	4.88	40	
	9.278	0.50	10.00	0	92.8	75	135	10.16	9.07	40	
	9.082	0.50	10.00	0	90.8	81	125	9.654	6.1	40	
	9.764	0.50	10.00	0	97.6	60	137	10.02	2.59	40	
	9.590	0.50	10.00	0	95.9	61	134	9.724	1.39	40	
	9.668	0.50	10.00	0	96.7	82	120	9.684	0.167	40	
	9.631	0.50	10.00	0	96.3	84	116	9.683	0.538	40	
	9.787	0.50	10.00	0	97.9	80	124	9.911	1.26	40	
	9.773	0.50	10.00	0	97.7	86	117	10.06	2.87	40	
	9.913	0.50	10.00	0	99.1	81	121	10.11	1.95	40	
Trichloroethene Toluene 1,1,2-Trichloroethane Tetrachloroethene Chlorobenzene Ethylbenzene m,p-Xylene o-Xylene Surr: Dibromofluoromethane Surr: 1,2-Dichloroethane-d4 Surr: Toluene-d8 Surr: Bromofluorobenzene	9.664	0.50	10.00	0	96.6	74	123	9.745	0.837	40	
	9.942	0.50	10.00	0	99.4	88	117	10.05	1.03	40	
	10.23	0.50	10.00	0	102	83	121	9.893	3.37	40	
	9.516	0.50	10.00	0	95.2	74	115	9.470	0.486	40	
	9.862	0.50	10.00	0	98.6	83	112	9.957	0.962	40	
	10.11	0.50	10.00	0	101	87	110	10.04	0.739	40	
	20.20	0.50	20.00	0	101	87	114	20.46	1.25	40	
	10.16	0.50	10.00	0	102	84	114	10.36	1.9	40	
	4.899	0.50	5.000	0	98.0	88	124	0	0	40	
	4.728	0.50	5.000	0	94.6	79	115	0	0	40	
4.873	0.50	5.000	0	97.5	80	114	0	0	40		
5.026	0.50	5.000	0	101	60	123	0	0	40		

Sample ID: LCSD-34557	SampType: LCSD	TestCode: SW8260_25_W	Prep Date: 01/25/2008	Run ID: V2_080125A								
Client ID: LCSD-34557	Batch ID: 34557	Units: µg/L	Analysis Date: 01/25/2008	SeqNo: 756272								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD	Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	10.99	0.50	10.00	0	110	77	120	10.66	10.66	3.03	40	
Chloroethane	10.44	0.50	10.00	0	104	75	135	10.40	10.40	0.356	40	
1,1-Dichloroethene	10.64	0.50	10.00	0	106	81	125	10.42	10.42	2.14	40	
trans-1,2-Dichloroethene	10.19	0.50	10.00	0	102	60	137	10.65	10.65	4.44	40	
Methyl tert-butyl ether	9.504	0.50	10.00	0	95.0	61	134	9.591	9.591	0.911	40	
1,1-Dichloroethane	9.999	0.50	10.00	0	100	82	120	10.50	10.50	4.94	40	
cis-1,2-Dichloroethene	9.736	0.50	10.00	0	97.4	84	116	10.18	10.18	4.46	40	
1,1,1-Trichloroethane	10.32	0.50	10.00	0	103	80	124	10.76	10.76	4.2	40	
1,2-Dichloroethane	9.998	0.50	10.00	0	100	86	117	10.38	10.38	3.73	40	
Benzene	10.17	0.50	10.00	0	102	81	121	10.53	10.53	3.53	40	
Trichloroethene	9.892	0.50	10.00	0	98.9	74	123	10.10	10.10	2.09	40	
Toluene	10.11	0.50	10.00	0	101	88	117	10.35	10.35	2.27	40	
1,1,2-Trichloroethane	9.823	0.50	10.00	0	98.2	83	121	10.51	10.51	6.72	40	
Tetrachloroethene	9.675	0.50	10.00	0	96.8	74	115	10.27	10.27	6.01	40	
Chlorobenzene	9.693	0.50	10.00	0	96.9	83	112	10.29	10.29	5.95	40	
Ethylbenzene	9.905	0.50	10.00	0	99.1	87	110	10.63	10.63	7.09	40	
m,p-Xylene	20.38	0.50	20.00	0	102	87	114	21.37	21.37	4.75	40	
o-Xylene	10.07	0.50	10.00	0	101	84	114	10.70	10.70	6.06	40	
Surr: Dibromofluoromethane	5.304	0.50	5.000	0	106	88	124	0	0	0	40	
Surr: 1,2-Dichloroethane-d4	5.398	0.50	5.000	0	108	79	115	0	0	0	40	
Surr: Toluene-d8	4.921	0.50	5.000	0	98.4	80	114	0	0	0	40	
Surr: Bromofluorobenzene	4.819	0.50	5.000	0	96.4	60	123	0	0	0	40	

Mitkem Laboratories

Date: 28-Jan-08

Client: Earth Tech
Client Sample ID: EFF-011708
Lab ID: G0074-01

Project: NOW Corp. Site
Collection Date: 01/17/08 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
Oil & Grease, HEM							
Oil & Grease, Total Recoverable	ND			5.0		1 01/25/2008 0:00	34525

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: 28-Jan-08

Client: Earth Tech

Client Sample ID: INF-011708

Lab ID: G0074-02

Project: NOW Corp. Site

Collection Date: 01/17/08 10:50

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
Oil & Grease, HEM				E1664			
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	01/25/2008 0:00	34525

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
Work Order: G0074
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: E1664

Sample ID: MB-34525	SampType: MBLK	TestCode: E1664	Prep Date: 1/23/2008	Run ID: MANUAL_080126A
Client ID: MB-34525	Batch ID: 34525	Units: mg/L	Analysis Date: 1/25/2008	SeqNo: 755208
Analyte	Result	PQL	SPK Ref Val	SPK value
Oil & Grease, Total Recoverable	ND	5.0	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit Qual

Sample ID: LCS-34525	SampType: LCS	TestCode: E1664	Prep Date: 1/23/2008	Run ID: MANUAL_080126A
Client ID: LCS-34525	Batch ID: 34525	Units: mg/L	Analysis Date: 1/25/2008	SeqNo: 755206
Analyte	Result	PQL	SPK Ref Val	SPK value
Oil & Grease, Total Recoverable	40.50	5.0	101 78 114	0 0

Sample ID: LCSD-34525	SampType: LCSD	TestCode: E1664	Prep Date: 1/23/2008	Run ID: MANUAL_080126A
Client ID: LCSD-34525	Batch ID: 34525	Units: mg/L	Analysis Date: 1/25/2008	SeqNo: 755207
Analyte	Result	PQL	SPK Ref Val	SPK value
Oil & Grease, Total Recoverable	39.90	5.0	99.8 78 114	40.50 1.49 18

0017

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Mitkem Laboratories

Date: 25-Jan-08

Client: Earth Tech

Client Sample ID: EFF-011708

Lab ID: G0074-01

Project: NOW Corp. Site

Collection Date: 01/17/08 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
Metals by ICP			SW6010_W				
Aluminum	ND		200	µg/L		1 01/22/2008 17:40	34449
Arsenic	ND		20	µg/L		1 01/22/2008 17:40	34449
Barium	ND		200	µg/L		1 01/22/2008 17:40	34449
Chromium	ND		20	µg/L		1 01/22/2008 17:40	34449
Copper	ND		25	µg/L		1 01/22/2008 17:40	34449
Iron	ND		200	µg/L		1 01/22/2008 17:40	34449
Manganese	72		50	µg/L		1 01/22/2008 17:40	34449
Nickel	ND		50	µg/L		1 01/23/2008 11:41	34449
Zinc	ND		50	µg/L		1 01/23/2008 11:41	34449
Mercury by FIA			SW7470				
Mercury	ND		0.20	µg/L		1 01/22/2008 10:59	34446
TOTAL DISSOLVED SOLIDS			SM2540_TDS				
Total Dissolved Solids	270		10	mg/L		1 01/21/2008 16:30	34450
TOTAL SUSPENDED SOLIDS			SM2540_TSS				
Total Suspended Solids	ND		10	mg/L		1 01/21/2008 16:30	34451
Total Cyanide			SW9012_W				
Cyanide	ND		10	µg/L		1 01/22/2008 10:30	34436

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: 25-Jan-08

Client: Earth Tech

Client Sample ID: INF-011708

Lab ID: G0074-02

Project: NOW Corp. Site

Collection Date: 01/17/08 10:50

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
Metals by ICP			SW6010_W				
Aluminum	ND		200	µg/L		1 01/22/2008 17:54	34449
Arsenic	ND		20	µg/L		1 01/22/2008 17:54	34449
Barium	ND		200	µg/L		1 01/22/2008 17:54	34449
Chromium	ND		20	µg/L		1 01/22/2008 17:54	34449
Copper	ND		25	µg/L		1 01/22/2008 17:54	34449
Iron	ND		200	µg/L		1 01/22/2008 17:54	34449
Manganese	92		50	µg/L		1 01/22/2008 17:54	34449
Nickel	ND		50	µg/L		1 01/23/2008 11:55	34449
Zinc	ND		50	µg/L		1 01/23/2008 11:55	34449
Mercury by FIA			SW7470				
Mercury	ND		0.20	µg/L		1 01/22/2008 11:00	34446
TOTAL DISSOLVED SOLIDS			SM2540_TDS				
Total Dissolved Solids	290		10	mg/L		1 01/21/2008 16:30	34450
TOTAL SUSPENDED SOLIDS			SM2540_TSS				
Total Suspended Solids	ND		10	mg/L		1 01/21/2008 16:30	34451
Total Cyanide			SW9012_W				
Cyanide	ND		10	µg/L		1 01/22/2008 10:37	34436

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
Work Order: G0074
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SM2540_TDS

Sample ID: MB-34450	SampType: MBLK	TestCode: SM2540_TDS	Prep Date: 1/21/2008	Run ID: MANUAL_080121A
Client ID: MB-34450	Batch ID: 34450	Units: mg/L	Analysis Date: 1/21/2008	SeqNo: 752573
Analyte			SPK Ref Val	SPK value
Total Dissolved Solids	Result	PQL	%REC	LowLimit HighLimit
	ND	10		

Sample ID: LCS-34450	SampType: LCS	TestCode: SM2540_TDS	Prep Date: 1/21/2008	Run ID: MANUAL_080121A
Client ID: LCS-34450	Batch ID: 34450	Units: mg/L	Analysis Date: 1/21/2008	SeqNo: 752572
Analyte			SPK Ref Val	SPK value
Total Dissolved Solids	Result	PQL	%REC	LowLimit HighLimit
	715.0	10	96.4	80 120 0

Sample ID: G0074-01CDUP	SampType: DUP	TestCode: SM2540_TDS	Prep Date: 1/21/2008	Run ID: MANUAL_080121A
Client ID: EFF-011708	Batch ID: 34450	Units: mg/L	Analysis Date: 1/21/2008	SeqNo: 752570
Analyte			SPK Ref Val	SPK value
Total Dissolved Solids	Result	PQL	%REC	LowLimit HighLimit
	266.0	10	0	0 0 0 268.0 0.749 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

Sample ID: MB-34451	SampType: MBLK	TestCode: SM2540_TSS	Prep Date: 1/21/2008	Run ID: MANUAL_080121B
Client ID: MB-34451	Batch ID: 34451	Units: mg/L	Analysis Date: 1/21/2008	SeqNo: 752722
Analyte				
Total Suspended Solids				
		ND	10	
Sample ID: LCS-34451	SampType: LCS	TestCode: SM2540_TSS	Prep Date: 1/21/2008	Run ID: MANUAL_080121B
Client ID: LCS-34451	Batch ID: 34451	Units: mg/L	Analysis Date: 1/21/2008	SeqNo: 752721
Analyte				
Total Suspended Solids				
		57.00	10	
			56.80	
			0	
			100	
			80	
			120	
				0
Sample ID: G0074-01CDUP	SampType: DUP	TestCode: SM2540_TSS	Prep Date: 1/21/2008	Run ID: MANUAL_080121B
Client ID: EFF-011708	Batch ID: 34451	Units: mg/L	Analysis Date: 1/21/2008	SeqNo: 752719
Analyte				
Total Suspended Solids				
		ND	10	
			0	
			0	
			0	
			0	
			0	
				0
				0
				20

Sample ID: MB-34449	SampType: MBLK	TestCode: SW6010_W	Prep Date: 1/21/2008	Run ID: OPTIMA3_080122B							
Client ID: MB-34449	Batch ID: 34449	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753756							
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									

Sample ID: MB-34449	SampType: MBLK	TestCode: SW6010_W	Prep Date: 1/21/2008	Run ID: OPTIMA3_080123B							
Client ID: MB-34449	Batch ID: 34449	Units: µg/L	Analysis Date: 1/23/2008	SeqNo: 753920							
Analyte	Result	Q/L	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	ND						50				
Zinc	ND						50				

Sample ID: LCS-34449	SampType: LCS	TestCode: SW6010_W	Prep Date: 1/21/2008	Run ID: OPTIMA3_080122B							
Client ID: LCS-34449	Batch ID: 34449	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753757							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8518	200	9100	0	93.6	80	120	0			
Arsenic	445.8	20	455.0	0	98.0	80	120	0			
Barium	9301	200	9100	0	102	80	120	0			
Chromium	862.5	20	910.0	0	94.8	80	120	0			
Copper	1115	30	1130	0	98.7	80	120	0			
Iron	4338	200	4550	0	95.3	80	120	0			
Manganese	2158	50	2270	0	95.1	80	120	0			

Sample ID: LCS-34449	SampType: LCS	TestCode: SW6010_W	Prep Date: 1/21/2008	Run ID: OPTIMA3_080123B							
Client ID: LCS-34449	Batch ID: 34449	Units: µg/L	Analysis Date: 1/23/2008	SeqNo: 753921							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	2355	50	2270	0	104	80	120	0			
Zinc	2427	50	2270	0	107	80	120	0			

0022

Sample ID: G0074-01BMS		SampType: MS	TestCode: SW6010_W		Prep Date: 1/21/2008		Run ID: OPTIMA3_080122B				
Client ID: EFF-011708		Batch ID: 34449	Units: µg/L		Analysis Date: 1/22/2008		SeqNo: 753760				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8620	200	9100	0	94.7	80	120	0			
Arsenic	448.8	20	455.5	0	98.5	80	120	0			
Barium	9085	200	9100	76.18	99.0	80	120	0			
Chromium	864.4	20	910.0	0.4095	94.9	80	120	0			
Copper	1082	25	1130	8.332	95.1	80	120	0			
Iron	4392	200	4550	174.1	92.7	80	120	0			
Manganese	2201	50	2270	72.49	93.8	80	120	0			

Sample ID: G0074-01BMS		SampType: MS	TestCode: SW6010_W		Prep Date: 1/21/2008		Run ID: OPTIMA3_080123B				
Client ID: EFF-011708		Batch ID: 34449	Units: µg/L		Analysis Date: 1/23/2008		SeqNo: 753924				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	2295	50	2270	4.972	101	80	120	0			
Zinc	2385	50	2270	5.445	105	80	120	0			

Sample ID: G0074-01BDUP		SampType: DUP	TestCode: SW6010_W		Prep Date: 1/21/2008		Run ID: OPTIMA3_080122B				
Client ID: EFF-011708		Batch ID: 34449	Units: µg/L		Analysis Date: 1/22/2008		SeqNo: 753759				
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	76.18	3.92	20	
Chromium	ND	20	0	0	0	0	0	0.4095	9.71	20	
Copper	ND	25	0	0	0	0	0	8.332	28.6	20	
Iron	ND	200	0	0	0	0	0	174.1	0	20	
Manganese	74.79	50	0	0	0	0	0	72.49	3.13	20	

Sample ID: G0074-01BDUP		SampType: DUP	TestCode: SW6010_W		Prep Date: 1/21/2008		Run ID: OPTIMA3_080123B				
Client ID: EFF-011708		Batch ID: 34449	Units: µg/L		Analysis Date: 1/23/2008		SeqNo: 753923				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	ND	50	0	0	0	0	0	4.972	19.1	20	
Zinc	ND	50	0	0	0	0	0	5.445	0	20	

Sample ID: G0074-01BSD		SampType: SD	TestCode: SW6010_W		Prep Date: 1/21/2008		Run ID: OPTIMA3_080122B				
Client ID: EFF-011708		Batch ID: 34449	Units: µg/L		Analysis Date: 1/22/2008		SeqNo: 753761				
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	76.18	5.31	10	
Chromium	ND	100	0	0	0	0	0	0.4095	0	10	
Copper	ND	130	0	0	0	0	0	8.332	51	10	
Iron	ND	1000	0	0	0	0	0	174.1	0	10	
Manganese	ND	250	0	0	0	0	0	72.49	4.39	10	

Sample ID: G0074-01BSD		SampType: SD	TestCode: SW6010_W		Prep Date: 1/21/2008	Run ID: OPTIMA3_080123B					
Client ID: EFF-011708		Batch ID: 34449	Units: µg/L		Analysis Date: 1/23/2008	SeqNo: 753925					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	ND	250	0	0	0	0	0	4.972	78	10	
Zinc	ND	250	0	0	0	0	0	5.445	112	10	

0024

Sample ID: MB-34446	SampType: MBLK	TestCode: SW7470	Prep Date: 1/21/2008	Run ID: FIMS1_080122B	
Client ID: MB-34446	Batch ID: 34446	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753448	
Analyte		Result	SPK Ref Val	SPK value	
Mercury		ND	%REC	LowLimit	HighLimit
				RPD Ref Val	%RPD RPDLimit
					Qual
Sample ID: LCS-34446	SampType: LCS	TestCode: SW7470	Prep Date: 1/21/2008	Run ID: FIMS1_080122B	
Client ID: LCS-34446	Batch ID: 34446	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753449	
Analyte		Result	SPK Ref Val	SPK value	
Mercury		4.665	0	4.550	
			%REC	LowLimit	HighLimit
				RPD Ref Val	%RPD RPDLimit
					Qual
Sample ID: G0074-02BMS	SampType: MS	TestCode: SW7470	Prep Date: 1/21/2008	Run ID: FIMS1_080122B	
Client ID: INF-011708	Batch ID: 34446	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753453	
Analyte		Result	SPK Ref Val	SPK value	
Mercury		4.595	0	4.550	
			%REC	LowLimit	HighLimit
				RPD Ref Val	%RPD RPDLimit
					Qual
Sample ID: G0074-02BDUP	SampType: DUP	TestCode: SW7470	Prep Date: 1/21/2008	Run ID: FIMS1_080122B	
Client ID: INF-011708	Batch ID: 34446	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753452	
Analyte		Result	SPK Ref Val	SPK value	
Mercury		ND	0	0	
			%REC	LowLimit	HighLimit
				RPD Ref Val	%RPD RPDLimit
					Qual

0025

Sample ID: MB-34436	SampType: MBLK	TestCode: SW9012_W	Prep Date: 1/21/2008	Run ID: LACHAT1_080122A
Client ID: MB-34436	Batch ID: 34436	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753574
Analyte		Result	SPK Ref Val	SPK value
Cyanide		ND	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit Qual
				20

Sample ID: LCS-34436	SampType: LCS	TestCode: SW9012_W	Prep Date: 1/21/2008	Run ID: LACHAT1_080122A
Client ID: LCS-34436	Batch ID: 34436	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753575
Analyte		Result	SPK Ref Val	SPK value
Cyanide		97.38	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit Qual
				97.4 80 120 0

Sample ID: G0074-01EMS	SampType: MS	TestCode: SW9012_W	Prep Date: 1/21/2008	Run ID: LACHAT1_080122A
Client ID: EFF-011708	Batch ID: 34436	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753578
Analyte		Result	SPK Ref Val	SPK value
Cyanide		95.37	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit Qual
				95.4 75 125 0

Sample ID: G0074-01EDUP	SampType: DUP	TestCode: SW9012_W	Prep Date: 1/21/2008	Run ID: LACHAT1_080122A
Client ID: EFF-011708	Batch ID: 34436	Units: µg/L	Analysis Date: 1/22/2008	SeqNo: 753577
Analyte		Result	SPK Ref Val	SPK value
Cyanide		ND	%REC LowLimit HighLimit	RPD Ref Val %RPD RPDLimit Qual
				10 0 0 0 0 20

0026

Client ID: EARTH_NY
Project: NOW Corp. Site
Location:
Comments: N/A

Case:
SDG:
PO: 94017.02

Report Level: LEVEL 2
EDD:
HC Due: 02/05/08
Fax Due:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G0074-01A	EFF-011708	01/17/2008 11:00	01/18/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	☐	☐	☒	VOA
G0074-01B	EFF-011708	01/17/2008 11:00	01/18/2008	Aqueous	SW6010_W	See SEL list	☐	☐	☒	M4
					SW7470	See SEL list	☐	☐	☐	M4
G0074-01C	EFF-011708	01/17/2008 11:00	01/18/2008	Aqueous	SM2540_TDS		☐	☐	☐	C2
					SM2540_TSS		☐	☐	☐	C2
G0074-01D	EFF-011708	01/17/2008 11:00	01/18/2008	Aqueous	E1664		☐	☐	☐	C2
G0074-01E	EFF-011708	01/17/2008 11:00	01/18/2008	Aqueous	SW9012_W		☐	☐	☒	C2
G0074-02A	INF-011708	01/17/2008 10:50	01/18/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	☐	☐	☒	VOA
G0074-02B	INF-011708	01/17/2008 10:50	01/18/2008	Aqueous	SW6010_W	See SEL list	☐	☐	☒	M4
					SW7470	See SEL list	☐	☐	☐	M4
G0074-02C	INF-011708	01/17/2008 10:50	01/18/2008	Aqueous	SM2540_TDS		☐	☐	☐	C2
					SM2540_TSS		☐	☐	☐	C2

Client Rep: Edward A Lawler

Page 1 of 2

Client ID: EARTH_NY
Project: NOW Corp. Site
Location:
Comments: N/A

Case:
SDG:
PO: 94017.02

Report Level: LEVEL 2
EDD:
HC Due: 02/05/08
Fax Due:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G0074-02D	INF-011708	01/17/2008 10:50	01/18/2008	Aqueous	E1664		☐	☐	☐	C2
G0074-02E	INF-011708	01/17/2008 10:50	01/18/2008	Aqueous	SW9012_W		☐	☐	☒	C2
G0074-03A	TW-1	01/17/2008 11:10	01/18/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	☐	☐	☒	VOA
G0074-04A	TW-2A	01/17/2008 11:15	01/18/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	☐	☐	☒	VOA
G0074-05A	TW-3	01/17/2008 11:20	01/18/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	☐	☐	☒	VOA
G0074-06A	TRIP BLANK	01/10/2008 0:00	01/18/2008	Aqueous	SW8260_25_W	use for VOCs, if can't, use OLC i	☐	☐	☒	VOA



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

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: Earth Tech
40 British American Blvd.
Latham NY 12110

Invoice To: Same

Project No.: 94017.02

P.O. No.: _____

Site Name: Now Corp

RQN: _____

Location: _____ State: NY

Project Mgr.: Steve Choiniere

Sampler(s): RG

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
7=CH₃OH 8=NaHSO₄ 9= _____ 10= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

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:

VAL, AS, BA, CR, CU, FE, MW,
Hg, Zn, N

Containers:

Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic
	2	2		3
	2	2		3
	2			
	2			
	2			
	2			

Analyses:

8260	Metals *	TDS/TSS	O+G	Cyanide
X	X	X	X	X
X	X	X	X	X
X				
X				
X				
X				

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix
<u>60074</u>	<u>EFF-011708</u>	<u>1/17/08</u>	<u>11:00</u>	<u>G</u>	<u>GW</u>
<u>01</u>	<u>INF-011708</u>	<u>1/17/08</u>	<u>10:50</u>		
<u>02</u>	<u>TW-1</u>		<u>11:10</u>		
<u>03</u>	<u>TW-2A</u>		<u>11:15</u>		
<u>04</u>	<u>TW-3</u>		<u>11:20</u>		
<u>05</u>	<u>Trip Blank</u>	<u>1/10/08</u>			

☐ Fax results when available to () _____

☐ E-mail to _____

EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 20

Relinquished by: Steve Day

Received by: Vernon Gudrun

Date: 1/17/08

Time: 12:20

1/18/08 8:30