

**Operation, Maintenance and Monitoring Report
August 2007**

**NOW Corporation Site
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**



A **tyco** International Ltd, Company

40 British American Blvd. P 518.951.2200
Latham, NY F 518.951.2300
12110 www.earthtech.com

October 9, 2007

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 – “August” 2007**

Dear Mr. Hoffman:

Enclosed is a monthly summary report on the operation, monitoring and maintenance (OM&M) of the remedial system at the NOW Corporation site in the Town of Clinton, New York. This report describes the OM&M of the groundwater pump-and-treat (P&T) system for a 33-day period (**July 12, 2007 through August 14, 2007**).

With the exceptions noted below (if any), the P&T system was online and operational throughout the reporting period. Approximately 308,200 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 9,300 gallons per day (gpd). During the prior reporting period, the average discharge was 10,300 gpd.

As of the last day of the reporting period, a total of 59,246,000 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 August 14, 2007. **There were no exceedances of effluent limitations.** Table 2 summarizes selected operational data recorded on the last day of the reporting period. A copy of the laboratory data report is included in this report.

Earth Tech made two site visits during the reporting period to conduct the required system inspection, perform scheduled and/or unscheduled maintenance, and to collect water samples and quarterly water levels. The July 12th service visit was described in the previous report. Details for the current period follow:

July 30th – Reset submersible pump discharge rates for recovery wells TW-1 and TW-3. Dismantled and cleaned main effluent pump and put a new water-level transducer in recovery well TW-2A. Well is now back online after one month of downtime. Recalibrated Red Lion controller for new transducer, and installed lock box for key storage on main door.

August 14th - Monthly system inspection, and influent/effluent sampling. General building maintenance. Reset submersible pump discharge rates.

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

Table 1
Summary of Influent and Effluent Data
Sampling Date: August 14, 2007
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	7.1	9,339				Monitor	gpd
pH			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	310	300	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	390	320	NA	NA	NA	600	ug/L
Mercury	<.20	<.20	NA	NA	NA	0.8	ug/L
Manganese	150	130	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	560	0.49 J	2.5	1100	45	5	ug/L
1,1,2-Trichloroethane	<20	<0.5	<2.0	<50	<2.0	1.2	ug/L
1,1-Dichloroethane	160	0.66	70	290	38	5	ug/L
1,1-Dichloroethene	17 J	<0.5	13	<50	5.1	0.5	ug/L
1,2-Dichloroethane	<20	<0.5	<2.0	<50	<2.0	1.6	ug/L
Benzene	<20	<0.5	<2.0	<50	<2.0	0.8	ug/L
Chlorobenzene	<20	<0.5	<2.0	<50	<2.0	5	ug/L
Chloroethane	<20	<0.5	4.0	<50	<2.0	5	ug/L
cis-1,2-Dichloroethene	10 J	<0.5	2.3	21 J	<2.0	5	ug/L
Ethylbenzene	<20	<0.5	<2.0	<50	<2.0	5	ug/L
Methyl tert-butyl ether	<20	<0.5	<2.0	<50	<2.0	5	ug/L
o-Xylene	<20	<0.5	<2.0	<50	<2.0	5	ug/L
p&m-Xylene	<20	<0.5	<2.0	<50	<2.0	10	ug/L
Tetrachloroethene	<20	<0.5	<2.0	<50	<2.0	1.4	ug/L
Toluene	<20	<0.5	<2.0	<50	<2.0	5	ug/L
trans-1,2-Dichloroethene	<20	<0.5	<2.0	<50	<2.0	5	ug/L
Trichloroethene	320	0.7	47	630	24	5	ug/L
Vinyl Chloride	<20	<0.5	<2.0	<50	<2.0	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 August 2007 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:	8/14/07	Units
<i>TW-1</i>		
Pumping Rate	1	GPM
Water Level Above Transducer	26.26	feet
Flow Meter Reading	4,210,900	gallons
Pump Pressure	75	psi
<i>TW-2A</i>		
Pumping Rate	7	GPM
Water Level Above Transducer	19.41	feet
Flow Meter Reading	2,558,600	gallons
Pump Pressure	58	psi
<i>TW-3</i>		
Pumping Rate	3	GPM
Water Level Above Transducer	18.62	feet
Flow Meter Reading	4,515,300	gallons
Pump Pressure	62	psi
<i>Air Stripper</i>		
Stripper Blower Pressure	19	inches H ₂ O
Air Temperature in Stripper	50	°F
Pressure Gauge - Left Leg	0.2	inches H ₂ O
Pressure Gauge - Right Leg	0.5	inches H ₂ O
<i>Effluent Flow</i>		
Effluent Flow this period (calculated)	308,200	gallons
Total Effluent Flow (calculated)	59,246,000	gallons

**INFLUENT & EFFLUENT WATER
ANALYTICAL REPORT**



Client: Earth Tech

Client Project: NOW Corp, 94017.02, 08/07

Lab Work Order: F1134

Date samples received: 08/15/07

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech on August 15, 2007. 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 elevated recoveries for vinyl chloride and chlorobenzene in LCS-31814 and LCSD-31814 and m,p-Xylene in LCS-31814. Please note that none of these compounds were detected in the associated samples. Due to elevated concentrations of target analytes, the following samples were initially analyzed at dilution: INF (40X), TW-1 (4X), TW-2A (100X), and TW-3 (4X).

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

Edward A. Lawler
Laboratory Operations Manager

Mitkem Corporation

Date: 29-Aug-07

Client: Earth Tech

Client Sample ID: EFF

Lab ID: F1134-01

Project: NOW Corp. Site

Collection Date: 08/14/07 10:45

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260B_25_W				
Vinyl chloride	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Chloroethane	ND		0.50	µg/L		1 08/22/2007 14:08	31814
1,1-Dichloroethene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
trans-1,2-Dichloroethene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Methyl tert-butyl ether	ND		0.50	µg/L		1 08/22/2007 14:08	31814
1,1-Dichloroethane	0.66		0.50	µg/L		1 08/22/2007 14:08	31814
cis-1,2-Dichloroethene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
1,1,1-Trichloroethane	0.49	J	0.50	µg/L		1 08/22/2007 14:08	31814
1,2-Dichloroethane	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Benzene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Trichloroethene	0.70		0.50	µg/L		1 08/22/2007 14:08	31814
Toluene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
1,1,2-Trichloroethane	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Tetrachloroethene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Chlorobenzene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Ethylbenzene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
m,p-Xylene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
o-Xylene	ND		0.50	µg/L		1 08/22/2007 14:08	31814
Surr: Dibromofluoromethane	102		88-124	%REC		1 08/22/2007 14:08	31814
Surr: 1,2-Dichloroethane-d4	98.0		79-115	%REC		1 08/22/2007 14:08	31814
Surr: Toluene-d8	102		80-114	%REC		1 08/22/2007 14:08	31814
Surr: Bromofluorobenzene	88.9		60-123	%REC		1 08/22/2007 14:08	31814

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 Corporation

Date: 29-Aug-07

Client: Earth Tech

Client Sample ID: INF

Lab ID: F1134-02

Project: NOW Corp. Site

Collection Date: 08/14/07 10:55

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260B_25_W				
Vinyl chloride	ND		20	µg/L		40 08/22/2007 20:06	31837
Chloroethane	ND		20	µg/L		40 08/22/2007 20:06	31837
1,1-Dichloroethene	17	J	20	µg/L		40 08/22/2007 20:06	31837
trans-1,2-Dichloroethene	ND		20	µg/L		40 08/22/2007 20:06	31837
Methyl tert-butyl ether	ND		20	µg/L		40 08/22/2007 20:06	31837
1,1-Dichloroethane	160		20	µg/L		40 08/22/2007 20:06	31837
cis-1,2-Dichloroethene	10	J	20	µg/L		40 08/22/2007 20:06	31837
1,1,1-Trichloroethane	560		20	µg/L		40 08/22/2007 20:06	31837
1,2-Dichloroethane	ND		20	µg/L		40 08/22/2007 20:06	31837
Benzene	ND		20	µg/L		40 08/22/2007 20:06	31837
Trichloroethene	320		20	µg/L		40 08/22/2007 20:06	31837
Toluene	ND		20	µg/L		40 08/22/2007 20:06	31837
1,1,2-Trichloroethane	ND		20	µg/L		40 08/22/2007 20:06	31837
Tetrachloroethene	ND		20	µg/L		40 08/22/2007 20:06	31837
Chlorobenzene	ND		20	µg/L		40 08/22/2007 20:06	31837
Ethylbenzene	ND		20	µg/L		40 08/22/2007 20:06	31837
m,p-Xylene	ND		20	µg/L		40 08/22/2007 20:06	31837
o-Xylene	ND		20	µg/L		40 08/22/2007 20:06	31837
Surr: Dibromofluoromethane	115		88-124	%REC		40 08/22/2007 20:06	31837
Surr: 1,2-Dichloroethane-d4	111		79-115	%REC		40 08/22/2007 20:06	31837
Surr: Toluene-d8	112		80-114	%REC		40 08/22/2007 20:06	31837
Surr: Bromofluorobenzene	95.8		60-123	%REC		40 08/22/2007 20:06	31837

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 Corporation

Date: 29-Aug-07

Client: Earth Tech

Client Sample ID: TW-1

Lab ID: F1134-03

Project: NOW Corp. Site

Collection Date: 08/14/07 11:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260B_25_W				
Vinyl chloride	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Chloroethane	4.0		2.0	µg/L		4 08/22/2007 20:37	31837
1,1-Dichloroethene	13		2.0	µg/L		4 08/22/2007 20:37	31837
trans-1,2-Dichloroethene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Methyl tert-butyl ether	ND		2.0	µg/L		4 08/22/2007 20:37	31837
1,1-Dichloroethane	70		2.0	µg/L		4 08/22/2007 20:37	31837
cis-1,2-Dichloroethene	2.3		2.0	µg/L		4 08/22/2007 20:37	31837
1,1,1-Trichloroethane	2.5		2.0	µg/L		4 08/22/2007 20:37	31837
1,2-Dichloroethane	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Benzene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Trichloroethene	47		2.0	µg/L		4 08/22/2007 20:37	31837
Toluene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
1,1,2-Trichloroethane	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Tetrachloroethene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Chlorobenzene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Ethylbenzene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
m,p-Xylene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
o-Xylene	ND		2.0	µg/L		4 08/22/2007 20:37	31837
Surr: Dibromofluoromethane	100		88-124	%REC		4 08/22/2007 20:37	31837
Surr: 1,2-Dichloroethane-d4	99.6		79-115	%REC		4 08/22/2007 20:37	31837
Surr: Toluene-d8	101		80-114	%REC		4 08/22/2007 20:37	31837
Surr: Bromofluorobenzene	90.1		60-123	%REC		4 08/22/2007 20:37	31837

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 Corporation

Date: 29-Aug-07

Client: Earth Tech

Client Sample ID: TW-2A

Lab ID: F1134-04

Project: NOW Corp. Site

Collection Date: 08/14/07 11:10

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260B_25_W				
Vinyl chloride	ND		50	µg/L		100 08/22/2007 21:08	31837
Chloroethane	ND		50	µg/L		100 08/22/2007 21:08	31837
1,1-Dichloroethene	ND		50	µg/L		100 08/22/2007 21:08	31837
trans-1,2-Dichloroethene	ND		50	µg/L		100 08/22/2007 21:08	31837
Methyl tert-butyl ether	ND		50	µg/L		100 08/22/2007 21:08	31837
1,1-Dichloroethane	290		50	µg/L		100 08/22/2007 21:08	31837
cis-1,2-Dichloroethene	21	J	50	µg/L		100 08/22/2007 21:08	31837
1,1,1-Trichloroethane	1100		50	µg/L		100 08/22/2007 21:08	31837
1,2-Dichloroethane	ND		50	µg/L		100 08/22/2007 21:08	31837
Benzene	ND		50	µg/L		100 08/22/2007 21:08	31837
Trichloroethene	630		50	µg/L		100 08/22/2007 21:08	31837
Toluene	ND		50	µg/L		100 08/22/2007 21:08	31837
1,1,2-Trichloroethane	ND		50	µg/L		100 08/22/2007 21:08	31837
Tetrachloroethene	ND		50	µg/L		100 08/22/2007 21:08	31837
Chlorobenzene	ND		50	µg/L		100 08/22/2007 21:08	31837
Ethylbenzene	ND		50	µg/L		100 08/22/2007 21:08	31837
m,p-Xylene	ND		50	µg/L		100 08/22/2007 21:08	31837
o-Xylene	ND		50	µg/L		100 08/22/2007 21:08	31837
Surr: Dibromofluoromethane	108		88-124	%REC		100 08/22/2007 21:08	31837
Surr: 1,2-Dichloroethane-d4	102		79-115	%REC		100 08/22/2007 21:08	31837
Surr: Toluene-d8	105		80-114	%REC		100 08/22/2007 21:08	31837
Surr: Bromofluorobenzene	88.9		60-123	%REC		100 08/22/2007 21:08	31837

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 Corporation

Date: 29-Aug-07

Client: Earth Tech

Client Sample ID: TW-3

Lab ID: F1134-05

Project: NOW Corp. Site

Collection Date: 08/14/07 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260B_25_W				
Vinyl chloride	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Chloroethane	ND		2.0	µg/L		4 08/22/2007 21:39	31837
1,1-Dichloroethene	5.1		2.0	µg/L		4 08/22/2007 21:39	31837
trans-1,2-Dichloroethene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Methyl tert-butyl ether	ND		2.0	µg/L		4 08/22/2007 21:39	31837
1,1-Dichloroethane	38		2.0	µg/L		4 08/22/2007 21:39	31837
cis-1,2-Dichloroethene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
1,1,1-Trichloroethane	45		2.0	µg/L		4 08/22/2007 21:39	31837
1,2-Dichloroethane	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Benzene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Trichloroethene	24		2.0	µg/L		4 08/22/2007 21:39	31837
Toluene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
1,1,2-Trichloroethane	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Tetrachloroethene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Chlorobenzene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Ethylbenzene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
m,p-Xylene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
o-Xylene	ND		2.0	µg/L		4 08/22/2007 21:39	31837
Surr: Dibromofluoromethane	103		88-124	%REC		4 08/22/2007 21:39	31837
Surr: 1,2-Dichloroethane-d4	99.8		79-115	%REC		4 08/22/2007 21:39	31837
Surr: Toluene-d8	105		80-114	%REC		4 08/22/2007 21:39	31837
Surr: Bromofluorobenzene	92.6		60-123	%REC		4 08/22/2007 21:39	31837

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 Corporation

Date: 29-Aug-07

Client: Earth Tech

Client Sample ID: TRIP BLANK

Lab ID: F1134-06

Project: NOW Corp. Site

Collection Date: 08/14/07 0:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
VOC by GC-MS (25 mL Purge)			SW8260B_25_W				
Vinyl chloride	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Chloroethane	ND		0.50	µg/L		1 08/22/2007 22:10	31837
1,1-Dichloroethene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
trans-1,2-Dichloroethene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Methyl tert-butyl ether	ND		0.50	µg/L		1 08/22/2007 22:10	31837
1,1-Dichloroethane	ND		0.50	µg/L		1 08/22/2007 22:10	31837
cis-1,2-Dichloroethene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
1,1,1-Trichloroethane	ND		0.50	µg/L		1 08/22/2007 22:10	31837
1,2-Dichloroethane	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Benzene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Trichloroethene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Toluene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
1,1,2-Trichloroethane	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Tetrachloroethene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Chlorobenzene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Ethylbenzene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
m,p-Xylene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
o-Xylene	ND		0.50	µg/L		1 08/22/2007 22:10	31837
Surr: Dibromofluoromethane	104		88-124	%REC		1 08/22/2007 22:10	31837
Surr: 1,2-Dichloroethane-d4	98.4		79-115	%REC		1 08/22/2007 22:10	31837
Surr: Toluene-d8	102		80-114	%REC		1 08/22/2007 22:10	31837
Surr: Bromofluorobenzene	85.7		60-123	%REC		1 08/22/2007 22:10	31837

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
Work Order: F1134
Project: NOW Corp. Site

TestCode: SW8260B_25_W

Sample ID: MB-31814 **SampType:** MBLK **TestCode:** SW8260B_25_W **Prep Date:** 8/22/2007 **Run ID:** V2_070822B
Client ID: MB-31814 **Batch ID:** 31814 **Units:** µg/L **Analysis Date:** 8/22/2007 **SeqNo:** 682814

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	5.029	0.50	5.000	0	101	88	124	0	0		
Surr: 1,2-Dichloroethane-d4	4.975	0.50	5.000	0	99.5	79	115	0	0		
Surr: Toluene-d8	5.146	0.50	5.000	0	103	80	114	0	0		
Surr: Bromofluorobenzene	4.497	0.50	5.000	0	89.9	60	123	0	0		



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

CLIENT: Earth Tech
 Work Order: F1134
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW8260B_25_W

Sample ID: MB-31837 SampType: MBLK TestCode: SW8260B_25_W Prep Date: 8/22/2007 Run ID: V2_070822C
 Client ID: MB-31837 Batch ID: 31837 Units: µg/L Analysis Date: 8/22/2007 SeqNo: 682837

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	5.075	0.50	5.000	0	102	88	124	0			
Surr: 1,2-Dichloroethane-d4	5.021	0.50	5.000	0	100	79	115	0			
Surr: Toluene-d8	5.129	0.50	5.000	0	103	80	114	0			
Surr: Bromofluorobenzene	4.461	0.50	5.000	0	89.2	60	123	0			

5010

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

CLIENT: Earth Tech
 Work Order: F1134
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW8260B_25_W

Sample ID: LCS-31814 SampType: LCS TestCode: SW8260B_25_W Prep Date: 8/22/2007 Run ID: V2_0708222B
 Client ID: LCS-31814 Batch ID: 31814 Units: µg/L Analysis Date: 8/22/2007 SeqNo: 682815

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	12.10	0.50	10.00	0	121	77	120	0			S
Chloroethane	11.66	0.50	10.00	0	117	75	135	0			
1,1-Dichloroethene	12.02	0.50	10.00	0	120	81	125	0			
trans-1,2-Dichloroethene	11.58	0.50	10.00	0	116	60	137	0			
Methyl tert-butyl ether	10.97	0.50	10.00	0	110	61	134	0			
1,1-Dichloroethane	11.54	0.50	10.00	0	115	82	120	0			
cis-1,2-Dichloroethene	10.37	0.50	10.00	0	104	84	116	0			
1,1,1-Trichloroethane	10.82	0.50	10.00	0	108	80	124	0			
1,2-Dichloroethane	11.42	0.50	10.00	0	114	86	117	0			
Benzene	11.28	0.50	10.00	0	113	81	121	0			
Trichloroethene	11.18	0.50	10.00	0	112	74	123	0			
Toluene	10.94	0.50	10.00	0	109	88	117	0			
1,1,2-Trichloroethane	10.16	0.50	10.00	0	102	83	121	0			
Tetrachloroethene	11.22	0.50	10.00	0	112	74	115	0			
Chlorobenzene	11.36	0.50	10.00	0	114	83	112	0			S
Ethylbenzene	10.96	0.50	10.00	0	110	87	110	0			
m,p-Xylene	22.94	0.50	20.00	0	115	87	114	0			
o-Xylene	11.13	0.50	10.00	0	111	84	114	0			S
Surr: Dibromofluoromethane	5.221	0.50	5.000	0	104	88	124	0			
Surr: 1,2-Dichloroethane-d4	5.203	0.50	5.000	0	104	79	115	0			
Surr: Toluene-d8	5.141	0.50	5.000	0	103	80	114	0			
Surr: Bromofluorobenzene	5.161	0.50	5.000	0	103	60	123	0			

0011

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: F1134
Project: NOW Corp. Site

TestCode: SW8260B_25_W

Sample ID: LCS-31837 **SampType:** LCS **TestCode:** SW8260B_25_W **Prep Date:** 8/22/2007 **Run ID:** V2_070822C
Client ID: LCS-31837 **Batch ID:** 31837 **Units:** µg/L **Analysis Date:** 8/22/2007 **SeqNo:** 682838

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	10.70	0.50	10.00	0	107	77	120	0			
Chloroethane	10.38	0.50	10.00	0	104	75	135	0			
1,1-Dichloroethene	10.57	0.50	10.00	0	106	81	125	0			
trans-1,2-Dichloroethene	9.815	0.50	10.00	0	98.2	60	137	0			
Methyl tert-butyl ether	9.365	0.50	10.00	0	93.6	61	134	0			
1,1-Dichloroethane	9.524	0.50	10.00	0	95.2	82	120	0			
cis-1,2-Dichloroethene	9.257	0.50	10.00	0	92.6	84	116	0			
1,1,1-Trichloroethane	9.490	0.50	10.00	0	94.9	80	124	0			
1,2-Dichloroethane	9.937	0.50	10.00	0	99.4	86	117	0			
Benzene	9.792	0.50	10.00	0	97.9	81	121	0			
Trichloroethene	9.744	0.50	10.00	0	97.4	74	123	0			
Toluene	9.463	0.50	10.00	0	94.6	88	117	0			
1,1,2-Trichloroethane	8.814	0.50	10.00	0	88.1	83	121	0			
Tetrachloroethene	8.962	0.50	10.00	0	89.6	74	115	0			
Chlorobenzene	9.935	0.50	10.00	0	99.4	83	112	0			
Ethylbenzene	9.576	0.50	10.00	0	95.8	87	110	0			
m,p-Xylene	19.83	0.50	20.00	0	99.2	87	114	0			
o-Xylene	9.640	0.50	10.00	0	96.4	84	114	0			
Surr: Dibromofluoromethane	5.058	0.50	5.000	0	101	88	124	0			
Surr: 1,2-Dichloroethane-d4	5.042	0.50	5.000	0	101	79	115	0			
Surr: Toluene-d8	5.147	0.50	5.000	0	103	80	114	0			
Surr: Bromofluorobenzene	5.121	0.50	5.000	0	102	60	123	0			

0012

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

CLIENT: Earth Tech
 Work Order: F1134
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW8260B_25_W

Sample ID: LCSD-31814 SampType: LCSD TestCode: SW8260B_25_W Prep Date: 8/22/2007 Run ID: V2_070822B
 Client ID: LCSD-31814 Batch ID: 31814 Units: µg/L Analysis Date: 8/22/2007 SeqNo: 682816

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	12.03	0.50	10.00	0	120	77	120	12.10	0.562	40	S
Chloroethane	11.12	0.50	10.00	0	111	75	135	11.66	4.7	40	
1,1-Dichloroethane	11.52	0.50	10.00	0	115	81	125	12.02	4.29	40	
trans-1,2-Dichloroethane	11.14	0.50	10.00	0	111	60	137	11.58	3.89	40	
Methyl tert-butyl ether	10.42	0.50	10.00	0	104	61	134	10.97	5.19	40	
1,1-Dichloroethane	11.16	0.50	10.00	0	112	82	120	11.54	3.29	40	
cis-1,2-Dichloroethane	10.33	0.50	10.00	0	103	84	116	10.37	0.391	40	
1,1,1-Trichloroethane	10.58	0.50	10.00	0	106	80	124	10.82	2.23	40	
1,2-Dichloroethane	11.18	0.50	10.00	0	112	86	117	11.42	2.1	40	
Benzene	11.04	0.50	10.00	0	110	81	121	11.28	2.14	40	
Trichloroethane	10.96	0.50	10.00	0	110	74	123	11.18	2.03	40	
Toluene	10.69	0.50	10.00	0	107	88	117	10.94	2.29	40	
1,1,2-Trichloroethane	9.870	0.50	10.00	0	98.7	83	121	10.16	2.87	40	
Tetrachloroethane	10.90	0.50	10.00	0	109	74	115	11.22	2.9	40	
Chlorobenzene	11.28	0.50	10.00	0	113	83	112	11.36	0.756	40	S
Ethylbenzene	10.85	0.50	10.00	0	109	87	110	10.96	0.983	40	
m,p-Xylene	22.49	0.50	20.00	0	112	87	114	22.94	1.96	40	
o-Xylene	10.88	0.50	10.00	0	109	84	114	11.13	2.29	40	
Surr: Dibromofluoromethane	5.098	0.50	5.000	0	102	88	124	0	0	40	
Surr: 1,2-Dichloroethane-d4	5.419	0.50	5.000	0	108	79	115	0	0	40	
Surr: Toluene-d8	5.115	0.50	5.000	0	102	80	114	0	0	40	
Surr: Bromofluorobenzene	5.246	0.50	5.000	0	105	60	123	0	0	40	

0013

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

CLIENT: Earth Tech
 Work Order: F1134
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW8260B_25_W

Sample ID: LCSD-31837 SampType: LCSD TestCode: SW8260B_25_W Prep Date: 8/22/2007 Run ID: VZ_070822C
 Client ID: LCSD-31837 Batch ID: 31837 Units: µg/L Analysis Date: 8/22/2007 SeqNo: 682839

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	11.25	0.50	10.00	0	113	77	120	10.70	4.97	40	
Chloroethane	10.90	0.50	10.00	0	109	75	135	10.38	4.88	40	
1,1-Dichloroethene	11.13	0.50	10.00	0	111	81	125	10.57	5.15	40	
trans-1,2-Dichloroethene	10.10	0.50	10.00	0	101	60	137	9.815	2.84	40	
Methyl tert-butyl ether	9.886	0.50	10.00	0	98.9	61	134	9.365	5.42	40	
1,1-Dichloroethane	10.55	0.50	10.00	0	106	82	120	9.524	10.2	40	
cis-1,2-Dichloroethene	9.575	0.50	10.00	0	95.8	84	116	9.257	3.38	40	
1,1,1-Trichloroethane	9.734	0.50	10.00	0	97.3	80	124	9.490	2.53	40	
1,2-Dichloroethane	10.46	0.50	10.00	0	105	86	117	9.937	5.14	40	
Benzene	10.23	0.50	10.00	0	102	81	121	9.792	4.38	40	
Trichloroethene	10.16	0.50	10.00	0	102	74	123	9.744	4.17	40	
Toluene	9.941	0.50	10.00	0	99.4	88	117	9.463	4.93	40	
1,1,2-Trichloroethane	9.377	0.50	10.00	0	93.8	83	121	8.814	6.19	40	
Tetrachloroethene	9.285	0.50	10.00	0	92.9	74	115	8.962	3.54	40	
Chlorobenzene	10.19	0.50	10.00	0	102	83	112	9.935	2.5	40	
Ethylbenzene	9.939	0.50	10.00	0	99.4	87	110	9.576	3.73	40	
m,p-Xylene	20.53	0.50	20.00	0	103	87	114	19.83	3.44	40	
o-Xylene	10.00	0.50	10.00	0	100	84	114	9.640	3.69	40	
Surr: Dibromofluoromethane	5.079	0.50	5.000	0	102	88	124	0	0	40	
Surr: 1,2-Dichloroethane-d4	4.928	0.50	5.000	0	98.6	79	115	0	0	40	
Surr: Toluene-d8	5.036	0.50	5.000	0	101	80	114	0	0	40	
Surr: Bromofluorobenzene	5.109	0.50	5.000	0	102	60	123	0	0	40	



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 Corporation

Date: 24-Aug-07

Client: Earth Tech
Client Sample ID: EFF
Lab ID: F1134-01

Project: NOW Corp. Site
Collection Date: 08/14/07 10:45

Analyses	Result Qual	RL Units	DF Date Analyzed	Batch ID
Oil & Grease, HEM		E1664		
Oil & Grease, Total Recoverable	ND	5.0 mg/L	1 08/23/2007 0:00	31772

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 Corporation

Date: 24-Aug-07

Client: Earth Tech

Client Sample ID: INF

Lab ID: F1134-02

Project: NOW Corp. Site

Collection Date: 08/14/07 10:55

Analyses	Result Qual	RL Units	DF Date Analyzed	Batch ID
Oil & Grease, HEM		E1664		
Oil & Grease, Total Recoverable	ND	5.0 mg/L	1 08/23/2007 0:00	31772

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: F1134
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: E1664

Sample ID: MB-31772	SampType: MBLK	TestCode: E1664	Prep Date: 8/20/2007	Run ID: MANUAL_070823B
Client ID: MB-31772	Batch ID: 31772	Units: mg/L	Analysis Date: 8/23/2007	SeqNo: 682224
Analyte	Result	PQL	SPK Ref Val	SPK value
Oil & Grease, Total Recoverable	ND	5.0	RPD Ref Val	%RPD RPDLimit

Sample ID: LCS-31772	SampType: LCS	TestCode: E1664	Prep Date: 8/20/2007	Run ID: MANUAL_070823B
Client ID: LCS-31772	Batch ID: 31772	Units: mg/L	Analysis Date: 8/23/2007	SeqNo: 682225
Analyte	Result	PQL	SPK Ref Val	SPK value
Oil & Grease, Total Recoverable	39.40	5.0	%REC LowLimit HighLimit	RPD Ref Val
			98.5	78
			0	0

Sample ID: LCSD-31772	SampType: LCSD	TestCode: E1664	Prep Date: 8/20/2007	Run ID: MANUAL_070823B
Client ID: LCSD-31772	Batch ID: 31772	Units: mg/L	Analysis Date: 8/23/2007	SeqNo: 682226
Analyte	Result	PQL	SPK Ref Val	SPK value
Oil & Grease, Total Recoverable	39.30	5.0	%REC LowLimit HighLimit	RPD Ref Val
			98.3	78
			0	39.40
			0.254	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 Corporation

Date: 24-Aug-07

Client: Earth Tech

Client Sample ID: EFF

Lab ID: F1134-01

Project: NOW Corp. Site

Collection Date: 08/14/07 10:45

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
Metals by ICP			SW6010B_W				
Aluminum	ND		200	µg/L		1 08/23/2007 14:21	31801
Arsenic	ND		20	µg/L		1 08/23/2007 14:21	31801
Barium	ND		200	µg/L		1 08/23/2007 14:21	31801
Chromium	ND		20	µg/L		1 08/23/2007 14:21	31801
Copper	ND		25	µg/L		1 08/23/2007 14:21	31801
Iron	320		200	µg/L		1 08/23/2007 14:21	31801
Manganese	130		50	µg/L		1 08/23/2007 14:21	31801
Nickel	ND		50	µg/L		1 08/23/2007 14:21	31801
Zinc	ND		50	µg/L		1 08/23/2007 14:21	31801
Mercury by FIA			SW7470A				
Mercury	ND		0.20	µg/L		1 08/22/2007 13:01	31804
TOTAL DISSOLVED SOLIDS			SM2540_TDS				
Total Dissolved Solids	300		10	mg/L		1 08/17/2007 16:30	31758
TOTAL SUSPENDED SOLIDS			SM2540_TSS				
Total Suspended Solids	ND		10	mg/L		1 08/17/2007 16:30	31759
Total Cyanide			SW9012B_W				
Cyanide	ND		10	µg/L		1 08/22/2007 15:15	31791

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

0018

Mitkem Corporation

Date: 24-Aug-07

Client: Earth Tech

Client Sample ID: INF

Lab ID: F1134-02

Project: NOW Corp. Site

Collection Date: 08/14/07 10:55

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
Metals by ICP			SW6010B_W				
Aluminum	ND		200	µg/L		1 08/23/2007 14:29	31801
Arsenic	ND		20	µg/L		1 08/23/2007 14:29	31801
Barium	ND		200	µg/L		1 08/23/2007 14:29	31801
Chromium	ND		20	µg/L		1 08/23/2007 14:29	31801
Copper	ND		25	µg/L		1 08/23/2007 14:29	31801
Iron	390		200	µg/L		1 08/23/2007 14:29	31801
Manganese	150		50	µg/L		1 08/23/2007 14:29	31801
Nickel	ND		50	µg/L		1 08/23/2007 14:29	31801
Zinc	ND		50	µg/L		1 08/23/2007 14:29	31801
Mercury by FIA			SW7470A				
Mercury	ND		0.20	µg/L		1 08/22/2007 13:03	31804
TOTAL DISSOLVED SOLIDS			SM2540_TDS				
Total Dissolved Solids	310		10	mg/L		1 08/17/2007 16:30	31758
TOTAL SUSPENDED SOLIDS			SM2540_TSS				
Total Suspended Solids	ND		10	mg/L		1 08/17/2007 16:30	31759
Total Cyanide			SW9012B_W				
Cyanide	ND		10	µg/L		1 08/22/2007 15:23	31791

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
 Work Order: F1134
 Project: NOW Corp. Site

TestCode: SM2540_TDS

Sample ID: MB-31758	SampType: MBLK	TestCode: SM2540_TDS	Prep Date: 8/17/2007	Run ID: MANUAL_070817A
Client ID: MB-31758	Batch ID: 31758	Units: mg/L	Analysis Date: 8/17/2007	SeqNo: 680217
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit
Total Dissolved Solids	ND	1.0	0	0

Sample ID: LCS-31758	SampType: LCS	TestCode: SM2540_TDS	Prep Date: 8/17/2007	Run ID: MANUAL_070817A
Client ID: LCS-31758	Batch ID: 31758	Units: mg/L	Analysis Date: 8/17/2007	SeqNo: 680220
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit
Total Dissolved Solids	1033	1.0	0	95.6 80 120

Sample ID: F1134-01CDUP	SampType: DUP	TestCode: SM2540_TDS	Prep Date: 8/17/2007	Run ID: MANUAL_070817A
Client ID: EFF	Batch ID: 31758	Units: mg/L	Analysis Date: 8/17/2007	SeqNo: 680246
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit
Total Dissolved Solids	300.0	1.0	0	0 0 0 296.0 1.34 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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: F1134
Project: NOW Corp. Site

TestCode: SM2540_TSS

Sample ID: MB-31759	SampType: MBLK	TestCode: SM2540_TSS	Prep Date: 8/17/2007	Run ID: MANUAL_070817B	
Client ID: MB-31759	Batch ID: 31759	Units: mg/L	Analysis Date: 8/17/2007	SeqNo: 680247	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Total Suspended Solids	ND	10			RPD Ref Val %RPD RPDLimit Qual

Sample ID: LCS-31759	SampType: LCS	TestCode: SM2540_TSS	Prep Date: 8/17/2007	Run ID: MANUAL_070817B	
Client ID: LCS-31759	Batch ID: 31759	Units: mg/L	Analysis Date: 8/17/2007	SeqNo: 680248	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Total Suspended Solids	71.00	10	0	102	80 120 0

Sample ID: F1134-01CDUP	SampType: DUP	TestCode: SM2540_TSS	Prep Date: 8/17/2007	Run ID: MANUAL_070817B	
Client ID: EFF	Batch ID: 31759	Units: mg/L	Analysis Date: 8/17/2007	SeqNo: 680251	
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit HighLimit
Total Suspended Solids	ND	10	0	0	0 0 0 20

0021

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

CLIENT: Earth Tech
 Work Order: F1134
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW6010B_W

Sample ID: MB-31801 SampType: MBLK TestCode: SW6010B_W Prep Date: 8/21/2007 Run ID: OPTIMA3_070823A
 Client ID: MB-31801 Batch ID: 31801 Units: µg/L Analysis Date: 8/23/2007 SeqNo: 681767

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-31801 SampType: LCS TestCode: SW6010B_W Prep Date: 8/21/2007 Run ID: OPTIMA3_070823A
 Client ID: LCS-31801 Batch ID: 31801 Units: µg/L Analysis Date: 8/23/2007 SeqNo: 681768

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9712	200	9100	0	107	80	120	0			
Arsenic	514.0	20	455.0	0	113	80	120	0			
Barium	10320	200	9100	0	113	80	120	0			
Chromium	1011	20	910.0	0	111	80	120	0			
Copper	1258	30	1130	0	111	80	120	0			
Iron	5156	200	4550	0	113	80	120	0			
Manganese	2547	50	2270	0	112	80	120	0			
Nickel	2530	50	2270	0	111	80	120	0			
Zinc	2516	50	2270	0	111	80	120	0			

0022

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: F1134
Project: NOW Corp. Site

TestCode: SW7470A

Sample ID: MB-31804	SampType: MBLK	TestCode: SW7470A	Prep Date: 8/21/2007	Run ID: FIMS1_070822B
Client ID: MB-31804	Batch ID: 31804	Units: µg/L	Analysis Date: 8/22/2007	SeqNo: 681012
Analyte	Result	PQL	SPK Ref Val	%REC
Mercury	ND	0.20	SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

Sample ID: LCS-31804	SampType: LCS	TestCode: SW7470A	Prep Date: 8/21/2007	Run ID: FIMS1_070822B
Client ID: LCS-31804	Batch ID: 31804	Units: µg/L	Analysis Date: 8/22/2007	SeqNo: 681013
Analyte	Result	PQL	SPK Ref Val	%REC
Mercury	4.576	0.20	SPK value	LowLimit HighLimit
			RPD Ref Val	%RPD RPDLimit
				Qual

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
Work Order: F1134
Project: NOW Corp. Site

TestCode: SW9012B_W

Sample ID: MB-31791	SampType: MBLK	TestCode: SW9012B_W	Prep Date: 8/20/2007	Run ID: LACHAT1_070822B
Client ID: MB-31791	Batch ID: 31791	Units: µg/L	Analysis Date: 8/22/2007	SeqNo: 681672
Analyte	Result	PQL	SPK Ref Val	%REC
Cyanide	ND	20		

Sample ID: LCS-31791	SampType: LCS	TestCode: SW9012B_W	Prep Date: 8/20/2007	Run ID: LACHAT1_070822B
Client ID: LCS-31791	Batch ID: 31791	Units: µg/L	Analysis Date: 8/22/2007	SeqNo: 681673
Analyte	Result	PQL	SPK Ref Val	%REC
Cyanide	114.5	20	100.0	115
			0	80
			0	120
			0	0

0024

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

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

Case:
 SDG:
 PO: 94017.02

Report Level: LEVEL 2
 EDD:
 HC Due: 08/31/07
 Fax Due:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1134-01A	EFF	08/14/2007 10:45	08/15/2007	Aqueous	SW8260B_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
F1134-01B	EFF	08/14/2007 10:45	08/15/2007	Aqueous	SW6010B_W	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M5
					SW7470A	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M5
F1134-01C	EFF	08/14/2007 10:45	08/15/2007	Aqueous	SM2540_TDS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B4
					SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B4
F1134-01D	EFF	08/14/2007 10:45	08/15/2007	Aqueous	SW9012B_W		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B4
F1134-01E	EFF	08/14/2007 10:45	08/15/2007	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	H FLOO
F1134-02A	INF	08/14/2007 10:55	08/15/2007	Aqueous	SW8260B_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
F1134-02B	INF	08/14/2007 10:55	08/15/2007	Aqueous	SW6010B_W	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M5
					SW7470A	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M5
F1134-02C	INF	08/14/2007 10:55	08/15/2007	Aqueous	SM2540_TDS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B4
					SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B4



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

Case:
 SDG:
 PO: 94017.02

Report Level: LEVEL 2
 EDD:
 HC Due: 08/31/07
 Fax Due:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1134-02D	INF	08/14/2007 10:55	08/15/2007	Aqueous	SW9012B_W		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	B4
F1134-02E	INF	08/14/2007 10:55	08/15/2007	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	H FLOO
F1134-03A	TW-1	08/14/2007 11:05	08/15/2007	Aqueous	SW8260B_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
F1134-04A	TW-2A	08/14/2007 11:10	08/15/2007	Aqueous	SW8260B_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
F1134-05A	TW-3	08/14/2007 11:15	08/15/2007	Aqueous	SW8260B_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
F1134-06A	TRIP BLANK	08/14/2007 00:00	08/15/2007	Aqueous	SW8260B_25_W	use for VOCs, if can't, use OLC i	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA

