

**Operation, Maintenance and Monitoring Report
May/June 2006**

**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**

August 29, 2006

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 – “May/June” 2006

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 soil vapor extraction (SVE) system and the groundwater pump-and-treat (P&T) system for a 64-day period (**April 18, 2006 – June 21, 2006**).

With the exceptions noted below (if any), the P&T system was online and operational throughout the reporting period. Approximately 1,128,300 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 17,600 gallons per day (gpd). During the prior reporting period, the average discharge was 14,300 gpd. As previously reported, the SVE system has been offline since November 2, 2005, when Earth Tech removed the vapor blower motor, which had a disabling oil leak.

As of the last day of the reporting period, a total of 52,824,800 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 June 21, 2006. There were **no exceedances** of effluent limitations. A copy of the laboratory data report is included in this report. Table 2 summarizes selected operational data recorded on the last day of the reporting period.

Several changes have been instituted in the O&M regimen under the new Work Assignment (No. D004445-4): scheduled site visits have been reduced to one per month; monitoring-well water-level measurements will be made once per quarter; and the air-stripper stack emissions are no longer sampled. In a future report, we will present an estimate of stack emissions based on system specifications and VOC concentrations in the influent water.

Earth Tech made three site visits during the reporting period to conduct the required system inspections, perform scheduled and/or unscheduled maintenance, and perform the monthly sampling event. Each of these site visits occurred in June. No site visits were conducted in May as Earth Tech was waiting for NYSDEC approval of the OM&M Plan under the new work assignment. Daily remote monitoring of system operations was nevertheless performed throughout the reporting period. The April 18th service visit was described in the previous report. Details for this reporting period follow:

June 19th – This was the first site inspection since April 18th. Technicians cleaned the air stripper and the #1

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Mr. Carl Hoffman
NYSDEC

settling tank. The effluent pump was replaced with a clean spare pump (the “thermal overload” light was ON on the instrument panel).

June 20th – The #2 and #3 settling tanks were cleaned. The damaged effluent pump was cleaned and taken offsite for inspection and possible repair. [Earth Tech later learned that expensive repairs were required to return the pump to service. We declined; we already have two effluent pumps onsite - a second spare pump would be superfluous.]

June 21st - Monthly system inspection and sampling. Discharge rates were reset on submersible pumps.

Please feel free to contact me at (518) 951-2262 if you have any questions regarding either 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: June 21, 2006
NOW Corporation Site
Town of Clinton, New York

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations (units)	
			TW-1	TW-2A	TW-3	Monitor 6.5 to 8.5	gpd standard units
Quantity treated, per day		17,630					
pH	6.7	7.1	NA	NA	NA	6.5 to 8.5	gpd standard units
Oil and Grease	<5	<5	NA	NA	NA	15	mg/L
Total Cyanide	<20	<20	NA	NA	NA	10	ug/L
TDS	270	240	NA	NA	NA	1000	mg/L
TSS	<10	<10	NA	NA	NA	50	mg/L
Aluminum, Total	<200	<200	NA	NA	NA	2000	ug/L
Arsenic, Total	<20	<20	NA	NA	NA	50	ug/L
Barium, Total	<200	<200	NA	NA	NA	2000	ug/L
Chromium	<20	<20	NA	NA	NA	100	ug/L
Copper	<30	<30	NA	NA	NA	24	ug/L
Iron	<200	<200	NA	NA	NA	600	ug/L
Mercury	<0.28	<0.29	NA	NA	NA	0.8	ug/L
Manganese	62	82	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	350 D	<0.5	10.0	600 D	4.5	5	ug/L
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	96 D	<0.5	69 D	140 D	12	5	ug/L
1,1-Dichloroethene	17	<0.5	13	24 J	1.5	0.5	ug/L
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	ug/L
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	ug/L
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Chloroethane	0.91	<0.5	1.4	1	<0.5	5	ug/L
cis-1,2-Dichloroethene	12	<0.5	11.0	16	0.38 J	5	ug/L
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Methyl tert-butyl ether	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
o-Xylene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
p&m-Xylene	<0.5	<0.5	<0.5	<0.5	<0.5	10	ug/L
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	1.4	ug/L
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Trichloroethene	250 D	<0.5	91 D	420 D	13	5	ug/L
Vinyl Chloride	0.54	<0.5	0.74	0.75	<0.5	0.6	ug/L

Notes:

- 1) Positive results are presented in **bold** typeface. Numeric values are in 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.

Table 2
Summary of June 2006 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:	6/21/06	Units
<i>TW-1</i>		
Pumping Rate	2	GPM
Water Level Above Transducer	25.48	feet
Flow Meter Reading	3,504,100	gallons
Pump Pressure	77	psi
<i>TW-2A</i>		
Pumping Rate	9	GPM
Water Level Above Transducer	46.44	feet
Flow Meter Reading	6,237,000	gallons
Pump Pressure	30	psi
<i>TW-3</i>		
Pumping Rate	4	GPM
Water Level Above Transducer	24.58	feet
Flow Meter Reading	2,768,900	gallons
Pump Pressure	65	psi
<i>Air Stripper</i>		
Stripper Blower Pressure	17	inches H ₂ O
Air Temperature in Stripper	50	°F
Pressure Gauge - Left Leg	1.1	inches H ₂ O
Pressure Gauge - Right Leg	0.2	inches H ₂ O
Pressure/Vacuum on the Stripper	-	inches H ₂ O
<i>Effluent Flow</i>		
Total System Meter Reading	52,824,800	gallons
IW-1 Flow Meter Reading	-	gallons
IW-2 Flow Meter Reading	-	gallons
<i>Vapor Extraction System</i>		
Vapor Blower Vacuum	Offline	inches Hg
Vacuum before Filter with Dilution Air	"	inches Hg
Vacuum on Knock-out Pot	"	inches Hg
Blower Inlet Temperature	"	°F
Blower Outlet Temperature	"	°F
Pressure After Blower	"	psi
Heat Exchanger Outlet Temperature	"	°F

**INFLUENT & EFFLUENT WATER
ANALYTICAL REPORT**



Report of Laboratory Analyses for Earth Tech

Client Project: NOW Corp. 55849.01, 06/06

Mitkem Work Order ID: E0858

August 14, 2006

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

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



Client: Earth Tech

Client Project: NOW Corp, 55849.01, 06/06

Lab Work Order: E0858

Date samples received: 6/22/06

Project Narrative

This data report includes the analysis results for five (5) aqueous samples that were received from Earth Tech on June 22, 2006. Analyses were performed per specification in the Chain of Custody form, with the exception described below. For reference, a copy of the Mitkem Sample Log-In form is included for cross-referencing the client sample ID and laboratory sample ID.

At the time of sample receipt, Mitkem could not perform volatile organics analysis by Method 8260 to meet a 0.5ppb reporting limit due to capacity commitments to the EPA. Instead, the samples were analyzed for volatile organics to a 0.5ppb reporting limit using EPA CLP Statement of Work method OLC03.2. This is a very similar technical approach to Method 8260, and generates data comparable to that method. All of the analyses were performed according to method specifications. Project-specific lists of volatile organic compounds are reported per project specifications.

Surrogate recoveries were within the QC acceptance criteria for the volatile organic analysis. Please note that the OLC03.2 method allows up to 3 out of the 14 surrogates to be outside of the QC limits. Laboratory control samples are not analyzed as a part of the OLC03.2 method. Batch MS/MSD are analyzed and reported. Due to elevated concentrations of target analytes, the sample INF 6/06 was reanalyzed at a 25X dilution, sample TW-1 was reanalyzed at a 8X dilution, and sample TW-2A was initially analyzed at a 50X dilution.

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". The signature is fluid and cursive, with a large initial "E".

Edward A. Lawler
Laboratory Operations Manager

Mitkem Corporation

Date: 04-Aug-06

Client: Earth Tech
 Client Sample ID: EFF 6/06
 Lab ID: E0858-01

Project: NOW Corp. Site
 Collection Date: 06/21/06 12:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Chloroethane	ND		0.50	µg/L	1	06/29/2006 05:07	24486
1,1-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Methyl tert-butyl ether	ND		0.50	µg/L	1	06/29/2006 05:07	24486
1,1-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 05:07	24486
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
1,1,1-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Benzene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
1,2-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Trichloroethene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Toluene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
1,1,2-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Tetrachloroethene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Chlorobenzene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Ethylbenzene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
m,p-Xylene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
o-Xylene	ND		0.50	µg/L	1	06/29/2006 05:07	24486
Surr: Vinyl chloride-d3	86.0		49-138	%REC	1	06/29/2006 05:07	24486
Surr: Chloroethane-d5	88.5		60-126	%REC	1	06/29/2006 05:07	24486
Surr: 1,1-Dichloroethene-d2	77.6		65-130	%REC	1	06/29/2006 05:07	24486
Surr: 2-Butanone-d5	118		42-171	%REC	1	06/29/2006 05:07	24486
Surr: Chloroform-d	88.1		80-123	%REC	1	06/29/2006 05:07	24486
Surr: 1,2-Dichloroethane-d4	90.7		78-129	%REC	1	06/29/2006 05:07	24486
Surr: Benzene-d6	94.1		78-121	%REC	1	06/29/2006 05:07	24486
Surr: 1,2-Dichloropropane-d6	81.3	S	84-123	%REC	1	06/29/2006 05:07	24486
Surr: Toluene-d8	91.7		77-120	%REC	1	06/29/2006 05:07	24486
Surr: trans-1,3-Dichloropropene-d4	84.6		80-128	%REC	1	06/29/2006 05:07	24486
Surr: 2-Hexanone-d5	97.4		37-169	%REC	1	06/29/2006 05:07	24486
Surr: Bromoform-d	105		76-135	%REC	1	06/29/2006 05:07	24486
Surr: 1,1,2,2-Tetrachloroethane-d2	91.2		75-131	%REC	1	06/29/2006 05:07	24486
Surr: 1,2-Dichlorobenzene-d4	97.4		50-150	%REC	1	06/29/2006 05:07	24486

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: 04-Aug-06

Client: Earth Tech
 Client Sample ID: INF 6/06
 Lab ID: E0858-02

Project: NOW Corp. Site
 Collection Date: 06/21/06 12:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	0.54		0.50	µg/L	1	06/29/2006 05:38	24486
Chloroethane	0.91		0.50	µg/L	1	06/29/2006 05:38	24486
1,1-Dichloroethene	17		0.50	µg/L	1	06/29/2006 05:38	24486
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
Methyl tert-butyl ether	ND		0.50	µg/L	1	06/29/2006 05:38	24486
1,1-Dichloroethane	93	E	0.50	µg/L	1	06/29/2006 05:38	24486
cis-1,2-Dichloroethene	12		0.50	µg/L	1	06/29/2006 05:38	24486
1,1,1-Trichloroethane	250	E	0.50	µg/L	1	06/29/2006 05:38	24486
Benzene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
1,2-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 05:38	24486
Trichloroethene	190	E	0.50	µg/L	1	06/29/2006 05:38	24486
Toluene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
1,1,2-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 05:38	24486
Tetrachloroethene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
Chlorobenzene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
Ethylbenzene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
m,p-Xylene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
o-Xylene	ND		0.50	µg/L	1	06/29/2006 05:38	24486
Surr: Vinyl chloride-d3	88.2		49-138	%REC	1	06/29/2006 05:38	24486
Surr: Chloroethane-d5	92.6		60-126	%REC	1	06/29/2006 05:38	24486
Surr: 1,1-Dichloroethene-d2	131	S	65-130	%REC	1	06/29/2006 05:38	24486
Surr: 2-Butanone-d5	122		42-171	%REC	1	06/29/2006 05:38	24486
Surr: Chloroform-d	90.5		80-123	%REC	1	06/29/2006 05:38	24486
Surr: 1,2-Dichloroethane-d4	95.3		78-129	%REC	1	06/29/2006 05:38	24486
Surr: Benzene-d6	93.1		78-121	%REC	1	06/29/2006 05:38	24486
Surr: 1,2-Dichloropropane-d6	81.4	S	84-123	%REC	1	06/29/2006 05:38	24486
Surr: Toluene-d8	89.9		77-120	%REC	1	06/29/2006 05:38	24486
Surr: trans-1,3-Dichloropropene-d4	83.3		80-128	%REC	1	06/29/2006 05:38	24486
Surr: 2-Hexanone-d5	97.0		37-169	%REC	1	06/29/2006 05:38	24486
Surr: Bromoform-d	98.3		76-135	%REC	1	06/29/2006 05:38	24486
Surr: 1,1,2,2-Tetrachloroethane-d2	87.9		75-131	%REC	1	06/29/2006 05:38	24486
Surr: 1,2-Dichlorobenzene-d4	90.2		50-150	%REC	1	06/29/2006 05:38	24486

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: 04-Aug-06

Client: Earth Tech

Client Sample ID: INF 6/06

Lab ID: E0858-02

Project: NOW Corp. Site

Collection Date: 06/21/06 12:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	ND		13	µg/L		25 06/29/2006 16:19	24498
Chloroethane	ND		13	µg/L		25 06/29/2006 16:19	24498
1,1-Dichloroethene	16		13	µg/L		25 06/29/2006 16:19	24498
trans-1,2-Dichloroethene	ND		13	µg/L		25 06/29/2006 16:19	24498
Methyl tert-butyl ether	ND		13	µg/L		25 06/29/2006 16:19	24498
1,1-Dichloroethane	96		13	µg/L		25 06/29/2006 16:19	24498
cis-1,2-Dichloroethene	9.0	J	13	µg/L		25 06/29/2006 16:19	24498
1,1,1-Trichloroethane	350		13	µg/L		25 06/29/2006 16:19	24498
Benzene	ND		13	µg/L		25 06/29/2006 16:19	24498
1,2-Dichloroethane	ND		13	µg/L		25 06/29/2006 16:19	24498
Trichloroethene	250		13	µg/L		25 06/29/2006 16:19	24498
Toluene	ND		13	µg/L		25 06/29/2006 16:19	24498
1,1,2-Trichloroethane	ND		13	µg/L		25 06/29/2006 16:19	24498
Tetrachloroethene	ND		13	µg/L		25 06/29/2006 16:19	24498
Chlorobenzene	ND		13	µg/L		25 06/29/2006 16:19	24498
Ethylbenzene	ND		13	µg/L		25 06/29/2006 16:19	24498
Surr: Vinyl chloride-d3	89.6		49-138	%REC		25 06/29/2006 16:19	24498
Surr: Chloroethane-d5	92.6		60-126	%REC		25 06/29/2006 16:19	24498
Surr: 1,1-Dichloroethene-d2	76.2		65-130	%REC		25 06/29/2006 16:19	24498
Surr: 2-Butanone-d5	91.9		42-171	%REC		25 06/29/2006 16:19	24498
Surr: Chloroform-d	90.9		80-123	%REC		25 06/29/2006 16:19	24498
Surr: 1,2-Dichloroethane-d4	92.6		78-129	%REC		25 06/29/2006 16:19	24498
Surr: Benzene-d6	91.1		78-121	%REC		25 06/29/2006 16:19	24498
Surr: 1,2-Dichloropropane-d6	81.1	S	84-123	%REC		25 06/29/2006 16:19	24498
Surr: Toluene-d8	90.8		77-120	%REC		25 06/29/2006 16:19	24498
Surr: trans-1,3-Dichloropropene-d4	82.6		80-128	%REC		25 06/29/2006 16:19	24498
Surr: 2-Hexanone-d5	71.3		37-169	%REC		25 06/29/2006 16:19	24498
Surr: Bromoform-d	105		76-135	%REC		25 06/29/2006 16:19	24498
Surr: 1,1,2,2-Tetrachloroethane-d2	97.4		75-131	%REC		25 06/29/2006 16:19	24498
Surr: 1,2-Dichlorobenzene-d4	95.5		50-150	%REC		25 06/29/2006 16:19	24498

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: 04-Aug-06

Client: Earth Tech
 Client Sample ID: TW-1
 Lab ID: E0858-03

Project: NOW Corp. Site
 Collection Date: 06/21/06 12:25

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	0.74		0.50	µg/L	1	06/29/2006 06:08	24486
Chloroethane	1.4		0.50	µg/L	1	06/29/2006 06:08	24486
1,1-Dichloroethene	13		0.50	µg/L	1	06/29/2006 06:08	24486
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
Methyl tert-butyl ether	ND		0.50	µg/L	1	06/29/2006 06:08	24486
1,1-Dichloroethane	71	E	0.50	µg/L	1	06/29/2006 06:08	24486
cis-1,2-Dichloroethene	11		0.50	µg/L	1	06/29/2006 06:08	24486
1,1,1-Trichloroethane	10		0.50	µg/L	1	06/29/2006 06:08	24486
Benzene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
1,2-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 06:08	24486
Trichloroethene	97	E	0.50	µg/L	1	06/29/2006 06:08	24486
Toluene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
1,1,2-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 06:08	24486
Tetrachloroethene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
Chlorobenzene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
Ethylbenzene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
m,p-Xylene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
o-Xylene	ND		0.50	µg/L	1	06/29/2006 06:08	24486
Surr: Vinyl chloride-d3	86.9		49-138	%REC	1	06/29/2006 06:08	24486
Surr: Chloroethane-d5	89.9		60-126	%REC	1	06/29/2006 06:08	24486
Surr: 1,1-Dichloroethene-d2	120		65-130	%REC	1	06/29/2006 06:08	24486
Surr: 2-Butanone-d5	126		42-171	%REC	1	06/29/2006 06:08	24486
Surr: Chloroform-d	90.6		80-123	%REC	1	06/29/2006 06:08	24486
Surr: 1,2-Dichloroethane-d4	96.8		78-129	%REC	1	06/29/2006 06:08	24486
Surr: Benzene-d6	95.7		78-121	%REC	1	06/29/2006 06:08	24486
Surr: 1,2-Dichloropropane-d6	82.9	S	84-123	%REC	1	06/29/2006 06:08	24486
Surr: Toluene-d8	92.6		77-120	%REC	1	06/29/2006 06:08	24486
Surr: trans-1,3-Dichloropropene-d4	84.2		80-128	%REC	1	06/29/2006 06:08	24486
Surr: 2-Hexanone-d5	96.2		37-169	%REC	1	06/29/2006 06:08	24486
Surr: Bromoform-d	101		76-135	%REC	1	06/29/2006 06:08	24486
Surr: 1,1,2,2-Tetrachloroethane-d2	90.2		75-131	%REC	1	06/29/2006 06:08	24486
Surr: 1,2-Dichlorobenzene-d4	98.3		50-150	%REC	1	06/29/2006 06:08	24486

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: 04-Aug-06

Client: Earth Tech
 Client Sample ID: TW-1
 Lab ID: E0858-03

Project: NOW Corp. Site
 Collection Date: 06/21/06 12:25

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	ND		4.0	µg/L		8 06/29/2006 15:48	24498
Chloroethane	ND		4.0	µg/L		8 06/29/2006 15:48	24498
1,1-Dichloroethene	11		4.0	µg/L		8 06/29/2006 15:48	24498
trans-1,2-Dichloroethene	ND		4.0	µg/L		8 06/29/2006 15:48	24498
Methyl tert-butyl ether	ND		4.0	µg/L		8 06/29/2006 15:48	24498
1,1-Dichloroethane	69		4.0	µg/L		8 06/29/2006 15:48	24498
cis-1,2-Dichloroethene	9.5		4.0	µg/L		8 06/29/2006 15:48	24498
1,1,1-Trichloroethane	8.5		4.0	µg/L		8 06/29/2006 15:48	24498
Benzene	ND		4.0	µg/L		8 06/29/2006 15:48	24498
1,2-Dichloroethane	ND		4.0	µg/L		8 06/29/2006 15:48	24498
Trichloroethene	91		4.0	µg/L		8 06/29/2006 15:48	24498
Toluene	ND		4.0	µg/L		8 06/29/2006 15:48	24498
1,1,2-Trichloroethane	ND		4.0	µg/L		8 06/29/2006 15:48	24498
Tetrachloroethene	ND		4.0	µg/L		8 06/29/2006 15:48	24498
Chlorobenzene	ND		4.0	µg/L		8 06/29/2006 15:48	24498
Ethylbenzene	ND		4.0	µg/L		8 06/29/2006 15:48	24498
Surr: Vinyl chloride-d3	88.7		49-138	%REC		8 06/29/2006 15:48	24498
Surr: Chloroethane-d5	92.4		60-126	%REC		8 06/29/2006 15:48	24498
Surr: 1,1-Dichloroethene-d2	76.8		65-130	%REC		8 06/29/2006 15:48	24498
Surr: 2-Butanone-d5	94.0		42-171	%REC		8 06/29/2006 15:48	24498
Surr: Chloroform-d	89.3		80-123	%REC		8 06/29/2006 15:48	24498
Surr: 1,2-Dichloroethane-d4	92.6		78-129	%REC		8 06/29/2006 15:48	24498
Surr: Benzene-d6	89.6		78-121	%REC		8 06/29/2006 15:48	24498
Surr: 1,2-Dichloropropane-d6	80.1	S	84-123	%REC		8 06/29/2006 15:48	24498
Surr: Toluene-d8	87.3		77-120	%REC		8 06/29/2006 15:48	24498
Surr: trans-1,3-Dichloropropene-d4	84.8		80-128	%REC		8 06/29/2006 15:48	24498
Surr: 2-Hexanone-d5	76.2		37-169	%REC		8 06/29/2006 15:48	24498
Surr: Bromoform-d	101		76-135	%REC		8 06/29/2006 15:48	24498
Surr: 1,1,2,2-Tetrachloroethane-d2	95.6		75-131	%REC		8 06/29/2006 15:48	24498
Surr: 1,2-Dichlorobenzene-d4	94.3		50-150	%REC		8 06/29/2006 15:48	24498

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: 04-Aug-06

Client: Earth Tech
 Client Sample ID: TW-2A
 Lab ID: E0858-04

Project: NOW Corp. Site
 Collection Date: 06/21/06 12:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	0.75		0.50	µg/L	1	06/29/2006 06:39	24486
Chloroethane	1.0		0.50	µg/L	1	06/29/2006 06:39	24486
1,1-Dichloroethene	26	E	0.50	µg/L	1	06/29/2006 06:39	24486
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
Methyl tert-butyl ether	ND		0.50	µg/L	1	06/29/2006 06:39	24486
1,1-Dichloroethane	110	E	0.50	µg/L	1	06/29/2006 06:39	24486
cis-1,2-Dichloroethene	16		0.50	µg/L	1	06/29/2006 06:39	24486
1,1,1-Trichloroethane	300	E	0.50	µg/L	1	06/29/2006 06:39	24486
Benzene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
1,2-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 06:39	24486
Trichloroethene	230	E	0.50	µg/L	1	06/29/2006 06:39	24486
Toluene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
1,1,2-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 06:39	24486
Tetrachloroethene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
Chlorobenzene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
Ethylbenzene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
m,p-Xylene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
o-Xylene	ND		0.50	µg/L	1	06/29/2006 06:39	24486
Surr: Vinyl chloride-d3	88.7		49-138	%REC	1	06/29/2006 06:39	24486
Surr: Chloroethane-d5	90.6		60-126	%REC	1	06/29/2006 06:39	24486
Surr: 1,1-Dichloroethene-d2	157	S	65-130	%REC	1	06/29/2006 06:39	24486
Surr: 2-Butanone-d5	123		42-171	%REC	1	06/29/2006 06:39	24486
Surr: Chloroform-d	86.5		80-123	%REC	1	06/29/2006 06:39	24486
Surr: 1,2-Dichloroethane-d4	90.7		78-129	%REC	1	06/29/2006 06:39	24486
Surr: Benzene-d6	90.1		78-121	%REC	1	06/29/2006 06:39	24486
Surr: 1,2-Dichloropropane-d6	79.0	S	84-123	%REC	1	06/29/2006 06:39	24486
Surr: Toluene-d8	85.9		77-120	%REC	1	06/29/2006 06:39	24486
Surr: trans-1,3-Dichloropropene-d4	78.9	S	80-128	%REC	1	06/29/2006 06:39	24486
Surr: 2-Hexanone-d5	93.0		37-169	%REC	1	06/29/2006 06:39	24486
Surr: Bromoform-d	95.3		76-135	%REC	1	06/29/2006 06:39	24486
Surr: 1,1,2,2-Tetrachloroethane-d2	85.3		75-131	%REC	1	06/29/2006 06:39	24486
Surr: 1,2-Dichlorobenzene-d4	92.5		50-150	%REC	1	06/29/2006 06:39	24486

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: 04-Aug-06

Client: Earth Tech
 Client Sample ID: TW-2A
 Lab ID: E0858-04

Project: NOW Corp. Site
 Collection Date: 06/21/06 12:30

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	ND		25	µg/L	50	06/29/2006 16:50	24498
Chloroethane	ND		25	µg/L	50	06/29/2006 16:50	24498
1,1-Dichloroethene	24	J	25	µg/L	50	06/29/2006 16:50	24498
trans-1,2-Dichloroethene	ND		25	µg/L	50	06/29/2006 16:50	24498
Methyl tert-butyl ether	ND		25	µg/L	50	06/29/2006 16:50	24498
1,1-Dichloroethane	140		25	µg/L	50	06/29/2006 16:50	24498
cis-1,2-Dichloroethene	ND		25	µg/L	50	06/29/2006 16:50	24498
1,1,1-Trichloroethane	600		25	µg/L	50	06/29/2006 16:50	24498
Benzene	ND		25	µg/L	50	06/29/2006 16:50	24498
1,2-Dichloroethane	ND		25	µg/L	50	06/29/2006 16:50	24498
Trichloroethene	420		25	µg/L	50	06/29/2006 16:50	24498
Toluene	ND		25	µg/L	50	06/29/2006 16:50	24498
1,1,2-Trichloroethane	ND		25	µg/L	50	06/29/2006 16:50	24498
Tetrachloroethene	ND		25	µg/L	50	06/29/2006 16:50	24498
Chlorobenzene	ND		25	µg/L	50	06/29/2006 16:50	24498
Ethylbenzene	ND		25	µg/L	50	06/29/2006 16:50	24498
Surr: Vinyl chloride-d3	83.9		49-138	%REC	50	06/29/2006 16:50	24498
Surr: Chloroethane-d5	84.6		60-126	%REC	50	06/29/2006 16:50	24498
Surr: 1,1-Dichloroethene-d2	71.3		65-130	%REC	50	06/29/2006 16:50	24498
Surr: 2-Butanone-d5	90.2		42-171	%REC	50	06/29/2006 16:50	24498
Surr: Chloroform-d	86.6		80-123	%REC	50	06/29/2006 16:50	24498
Surr: 1,2-Dichloroethane-d4	90.1		78-129	%REC	50	06/29/2006 16:50	24498
Surr: Benzene-d6	89.3		78-121	%REC	50	06/29/2006 16:50	24498
Surr: 1,2-Dichloropropane-d6	79.5	S	84-123	%REC	50	06/29/2006 16:50	24498
Surr: Toluene-d8	88.5		77-120	%REC	50	06/29/2006 16:50	24498
Surr: trans-1,3-Dichloropropene-d4	83.9		80-128	%REC	50	06/29/2006 16:50	24498
Surr: 2-Hexanone-d5	70.6		37-169	%REC	50	06/29/2006 16:50	24498
Surr: Bromoform-d	100		76-135	%REC	50	06/29/2006 16:50	24498
Surr: 1,1,2,2-Tetrachloroethane-d2	95.0		75-131	%REC	50	06/29/2006 16:50	24498
Surr: 1,2-Dichlorobenzene-d4	92.0		50-150	%REC	50	06/29/2006 16:50	24498

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: 04-Aug-06

Client: Earth Tech

Client Sample ID: TW-3

Lab ID: E0858-05

Project: NOW Corp. Site

Collection Date: 06/21/06 12:35

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	ND		0.50	µg/L	1	06/29/2006 14:16	24486
Chloroethane	ND		0.50	µg/L	1	06/29/2006 14:16	24486
1,1-Dichloroethene	1.5		0.50	µg/L	1	06/29/2006 14:16	24486
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
Methyl tert-butyl ether	ND		0.50	µg/L	1	06/29/2006 14:16	24486
1,1-Dichloroethane	12		0.50	µg/L	1	06/29/2006 14:16	24486
cis-1,2-Dichloroethene	0.38	J	0.50	µg/L	1	06/29/2006 14:16	24486
1,1,1-Trichloroethane	4.5		0.50	µg/L	1	06/29/2006 14:16	24486
Benzene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
1,2-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 14:16	24486
Trichloroethene	13		0.50	µg/L	1	06/29/2006 14:16	24486
Toluene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
1,1,2-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 14:16	24486
Tetrachloroethene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
Chlorobenzene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
Ethylbenzene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
m,p-Xylene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
o-Xylene	ND		0.50	µg/L	1	06/29/2006 14:16	24486
Surr: Vinyl chloride-d3	94.1		49-138	%REC	1	06/29/2006 14:16	24486
Surr: Chloroethane-d5	91.4		60-126	%REC	1	06/29/2006 14:16	24486
Surr: 1,1-Dichloroethene-d2	82.8		65-130	%REC	1	06/29/2006 14:16	24486
Surr: 2-Butanone-d5	103		42-171	%REC	1	06/29/2006 14:16	24486
Surr: Chloroform-d	92.7		80-123	%REC	1	06/29/2006 14:16	24486
Surr: 1,2-Dichloroethane-d4	100		78-129	%REC	1	06/29/2006 14:16	24486
Surr: Benzene-d6	95.4		78-121	%REC	1	06/29/2006 14:16	24486
Surr: 1,2-Dichloropropane-d6	84.8		84-123	%REC	1	06/29/2006 14:16	24486
Surr: Toluene-d8	95.3		77-120	%REC	1	06/29/2006 14:16	24486
Surr: trans-1,3-Dichloropropene-d4	89.8		80-128	%REC	1	06/29/2006 14:16	24486
Surr: 2-Hexanone-d5	89.9		37-169	%REC	1	06/29/2006 14:16	24486
Surr: Bromoform-d	103		76-135	%REC	1	06/29/2006 14:16	24486
Surr: 1,1,2,2-Tetrachloroethane-d2	103		75-131	%REC	1	06/29/2006 14:16	24486
Surr: 1,2-Dichlorobenzene-d4	99.9		50-150	%REC	1	06/29/2006 14:16	24486

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: 04-Aug-06

Client: Earth Tech
Client Sample ID: TRIP BLANK
Lab ID: E0858-06

Project: NOW Corp. Site
Collection Date:

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Chloroethane	ND		0.50	µg/L	1	06/29/2006 07:40	24486
1,1-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Methyl tert-butyl ether	ND		0.50	µg/L	1	06/29/2006 07:40	24486
1,1-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 07:40	24486
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
1,1,1-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Benzene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
1,2-Dichloroethane	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Trichloroethene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Toluene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
1,1,2-Trichloroethane	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Tetrachloroethene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Chlorobenzene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Ethylbenzene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
m,p-Xylene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
o-Xylene	ND		0.50	µg/L	1	06/29/2006 07:40	24486
Surr: Vinyl chloride-d3	91.8		49-138	%REC	1	06/29/2006 07:40	24486
Surr: Chloroethane-d5	90.3		60-126	%REC	1	06/29/2006 07:40	24486
Surr: 1,1-Dichloroethene-d2	78.5		65-130	%REC	1	06/29/2006 07:40	24486
Surr: 2-Butanone-d5	121		42-171	%REC	1	06/29/2006 07:40	24486
Surr: Chloroform-d	92.8		80-123	%REC	1	06/29/2006 07:40	24486
Surr: 1,2-Dichloroethane-d4	96.1		78-129	%REC	1	06/29/2006 07:40	24486
Surr: Benzene-d6	96.1		78-121	%REC	1	06/29/2006 07:40	24486
Surr: 1,2-Dichloropropane-d6	82.0	S	84-123	%REC	1	06/29/2006 07:40	24486
Surr: Toluene-d8	93.1		77-120	%REC	1	06/29/2006 07:40	24486
Surr: trans-1,3-Dichloropropene-d4	83.6		80-128	%REC	1	06/29/2006 07:40	24486
Surr: 2-Hexanone-d5	100		37-169	%REC	1	06/29/2006 07:40	24486
Surr: Bromoform-d	101		76-135	%REC	1	06/29/2006 07:40	24486
Surr: 1,1,2,2-Tetrachloroethane-d2	93.0		75-131	%REC	1	06/29/2006 07:40	24486
Surr: 1,2-Dichlorobenzene-d4	96.1		50-150	%REC	1	06/29/2006 07:40	24486

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 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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
 Work Order: E0858
 Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID	MB-24486	SampType:	MBLK	TestCode:	OLC3.2_VOA	Prep Date:	06/28/2006	Run ID:	V2_060628B					
Client ID:	MB-24486	Batch ID:	24486	Units:	µg/L	Analysis Date:	06/28/2006	SeqNo:	513678					
Analyte				Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.50									
Chloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Methyl tert-butyl ether	ND	0.50									
1,1-Dichloroethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
Benzene	ND	0.50									
1,2-Dichloroethane	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									
Surr: Vinyl chloride-d3	4.673	0.50	5.000	0	93.5	49	138	0	0	0	
Surr: Chloroethane-d5	4.779	0.50	5.000	0	95.6	60	126	0	0	0	
Surr: 1,1-Dichloroethene-d2	3.956	0.50	5.000	0	79.1	65	130	0	0	0	
Surr: 2-Butanone-d5	6.127	5.0	5.000	0	123	42	171	0	0	0	
Surr: Chloroform-d	4.510	0.50	5.000	0	90.2	80	123	0	0	0	
Surr: 1,2-Dichloroethane-d4	4.652	0.50	5.000	0	93.0	78	129	0	0	0	
Surr: Benzene-d6	4.843	0.50	5.000	0	96.9	78	121	0	0	0	
Surr: 1,2-Dichloropropane-d6	4.292	0.50	5.000	0	85.8	84	123	0	0	0	
Surr: Toluene-d8	4.723	0.50	5.000	0	94.5	77	120	0	0	0	
Surr: trans-1,3-Dichloropropene-d4	4.548	0.50	5.000	0	91.0	80	128	0	0	0	
Surr: 2-Hexanone-d5	4.713	5.0	5.000	0	94.3	37	169	0	0	0	
Surr: Bromoform-d	5.334	0.50	5.000	0	107	76	135	0	0	0	
Surr: 1,1,2,2-Tetrachloroethane-d2	4.530	0.50	5.000	0	90.6	75	131	0	0	0	
Surr: 1,2-Dichlorobenzene-d4	5.048	0.50	5.000	0	101	50	150	0	0	0	

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID: MB-24498	SampType: MBLK	TestCode: OLC3.2_VOA	Prep Date: 06/29/2006	Run ID: V2_060629A
Client ID: MB-24498	Batch ID: 24498	Units: µg/L	Analysis Date: 06/29/2006	SeqNo: 513699

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									
Benzene	ND	0.50									
1,2-Dichloroethane	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									
Surr: Vinyl chloride-d3	4.638	0.50	5.000	0	92.8	49	138	0	0	0	
Surr: Chloroethane-d5	4.837	0.50	5.000	0	96.7	60	126	0	0	0	
Surr: 1,1-Dichloroethene-d2	3.899	0.50	5.000	0	78.0	65	130	0	0	0	
Surr: 2-Butanone-d5	6.590	5.0	5.000	0	132	42	171	0	0	0	
Surr: Chloroform-d	4.696	0.50	5.000	0	93.9	80	123	0	0	0	
Surr: 1,2-Dichloroethane-d4	4.841	0.50	5.000	0	96.8	78	129	0	0	0	
Surr: Benzene-d6	4.951	0.50	5.000	0	99.0	78	121	0	0	0	
Surr: 1,2-Dichloropropane-d6	4.302	0.50	5.000	0	86.0	84	123	0	0	0	
Surr: Toluene-d8	4.763	0.50	5.000	0	95.3	77	120	0	0	0	
Surr: trans-1,3-Dichloropropene-d4	4.855	0.50	5.000	0	97.1	80	128	0	0	0	
Surr: 2-Hexanone-d5	4.988	5.0	5.000	0	99.8	37	169	0	0	0	
Surr: Bromoform-d	5.491	0.50	5.000	0	110	76	135	0	0	0	
Surr: 1,1,2,2-Tetrachloroethane-d2	4.971	0.50	5.000	0	99.4	75	131	0	0	0	
Surr: 1,2-Dichlorobenzene-d4	4.985	0.50	5.000	0	99.7	50	150	0	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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID	E0848-23AMS	SampType: MS	TestCode: OLC3.2_VOA	Prep Date: 06/28/2006	Run ID: V2_060628B	SeqNo: 513680		
Client ID:	ZZZZZ	Batch ID: 24486	Units: µg/L	Analysis Date: 06/28/2006	RPD Ref Val	%RPD RPDLimit		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit	RPD Ref Val	%RPD RPDLimit	Qual
1,1-Dichloroethene	4.473	0.50	5.000	0	89.5	61	145	0
Benzene	4.833	0.50	5.000	0	96.7	76	127	0
Trichloroethene	4.742	0.50	5.000	0	94.8	71	120	0
Toluene	4.742	0.50	5.000	0	94.8	76	125	0
Chlorobenzene	4.909	0.50	5.000	0	98.2	75	130	0
Surr: Vinyl chloride-d3	4.420	0.50	5.000	0	88.4	49	138	0
Surr: Chloroethane-d5	4.549	0.50	5.000	0	91.0	60	126	0
Surr: 1,1-Dichloroethene-d2	4.593	0.50	5.000	0	91.9	65	130	0
Surr: 2-Butanone-d5	5.890	5.0	5.000	0	118	42	171	0
Surr: Chloroform-d	4.417	0.50	5.000	0	88.3	80	123	0
Surr: 1,2-Dichloroethane-d4	4.673	0.50	5.000	0	93.5	78	129	0
Surr: Benzene-d6	4.751	0.50	5.000	0	95.0	78	121	0
Surr: 1,2-Dichloropropane-d6	4.127	0.50	5.000	0	82.5	84	123	0
Surr: Toluene-d8	4.610	0.50	5.000	0	92.2	77	120	0
Surr: trans-1,3-Dichloropropene-d4	4.595	0.50	5.000	0	91.9	80	128	0
Surr: 2-Hexanone-d5	5.232	5.0	5.000	0	105	37	169	0
Surr: Bromoform-d	4.956	0.50	5.000	0	99.1	76	135	0
Surr: 1,1,2,2-Tetrachloroethane-d2	4.440	0.50	5.000	0	88.8	75	131	0
Surr: 1,2-Dichlorobenzene-d4	4.827	0.50	5.000	0	96.5	50	150	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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID	E0864-03AMS	SampType: MS	TestCode: OLC3.2_VOA	Prep Date: 06/29/2006	Run ID: V2_060629A						
Client ID: ZZZZ	Units: µg/L	Batch ID: 24498	Analysis Date: 06/29/2006	SeqNo: 513701							
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4.532	0.50	5.000	0	90.6	61	145	0	0	0	
Benzene	4.861	0.50	5.000	0	97.2	76	127	0	0	0	
Trichloroethene	4.831	0.50	5.000	0	96.6	71	120	0	0	0	
Toluene	4.837	0.50	5.000	0	96.7	76	125	0	0	0	
Chlorobenzene	4.850	0.50	5.000	0	97.0	75	130	0	0	0	
Surr: Vinyl chloride-d3	4.020	0.50	5.000	0	80.4	49	138	0	0	0	
Surr: Chloroethane-d5	4.465	0.50	5.000	0	89.3	60	126	0	0	0	
Surr: 1,1-Dichloroethene-d2	4.483	0.50	5.000	0	89.7	65	130	0	0	0	
Surr: 2-Butanone-d5	4.949	5.0	5.000	0	99.0	42	171	0	0	0	
Surr: Chloroform-d	4.518	0.50	5.000	0	90.4	80	123	0	0	0	
Surr: 1,2-Dichloroethane-d4	4.953	0.50	5.000	0	99.1	78	129	0	0	0	
Surr: Benzene-d6	4.723	0.50	5.000	0	94.5	78	121	0	0	0	
Surr: 1,2-Dichloropropane-d6	4.233	0.50	5.000	0	84.7	84	123	0	0	0	
Surr: Toluene-d8	4.673	0.50	5.000	0	93.5	77	120	0	0	0	
Surr: trans-1,3-Dichloropropene-d4	4.390	0.50	5.000	0	87.8	80	128	0	0	0	
Surr: 2-Hexanone-d5	4.229	5.0	5.000	0	84.6	37	169	0	0	0	
Surr: Bromoform-d	4.641	0.50	5.000	0	92.8	76	135	0	0	0	
Surr: 1,1,2,2-Tetrachloroethane-d2	4.629	0.50	5.000	0	92.6	75	131	0	0	0	
Surr: 1,2-Dichlorobenzene-d4	5.030	0.50	5.000	0	101	50	150	0	0	0	

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID	E0848-23AMSD	SampType: MSD	TestCode: OLC3.2_VOA	Prep Date: 06/28/2006	Run ID: V2_060628B						
Client ID:	ZZZZZ	Batch ID: 24486	Units: µg/L	Analysis Date: 06/28/2006	SeqNo: 513681						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4.642	0.50	5.000	0	92.8	61	145	4.473	3.71	14	
Benzene	4.954	0.50	5.000	0	99.1	76	127	4.833	2.48	11	
Trichloroethene	4.876	0.50	5.000	0	97.5	71	120	4.742	2.78	14	
Toluene	4.890	0.50	5.000	0	97.8	76	125	4.742	3.08	13	
Chlorobenzene	5.002	0.50	5.000	0	100	75	130	4.909	1.86	13	
Surr: Vinyl chloride-d3	4.834	0.50	5.000	0	96.7	49	138	0	0	0	
Surr: Chloroethane-d5	4.878	0.50	5.000	0	97.6	60	126	0	0	0	
Surr: 1,1-Dichloroethene-d2	4.813	0.50	5.000	0	96.3	65	130	0	0	0	
Surr: 2-Butanone-d5	6.600	5.0	5.000	0	132	42	171	0	0	0	
Surr: Chloroform-d	4.793	0.50	5.000	0	95.9	80	123	0	0	0	
Surr: 1,2-Dichloroethane-d4	4.853	0.50	5.000	0	97.1	78	129	0	0	0	
Surr: Benzene-d6	4.883	0.50	5.000	0	97.7	78	121	0	0	0	
Surr: 1,2-Dichloropropane-d6	4.226	0.50	5.000	0	84.5	84	123	0	0	0	
Surr: Toluene-d8	4.835	0.50	5.000	0	96.7	77	120	0	0	0	
Surr: trans-1,3-Dichloropropene-d4	4.564	0.50	5.000	0	91.3	80	128	0	0	0	
Surr: 2-Hexanone-d5	4.703	5.0	5.000	0	94.1	37	169	0	0	0	
Surr: Bromoform-d	5.311	0.50	5.000	0	106	76	135	0	0	0	
Surr: 1,1,2,2-Tetrachloroethane-d2	4.707	0.50	5.000	0	94.1	75	131	0	0	0	
Surr: 1,2-Dichlorobenzene-d4	4.915	0.50	5.000	0	98.3	50	150	0	0	0	

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID	E0864-03AMSD	SampType: MSD	TestCode: OLC3.2_VOA	Prep Date: 06/29/2006	Run ID: V2_060629A					
Client ID:	ZZZZZ	Batch ID: 24498	Units: µg/L	Analysis Date: 06/29/2006	SeqNo: 513702					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit	RPD RefVal	%RPD RPDLimit	Qual		
1,1-Dichloroethene	4.289	0.50	5.000	0	85.8	61	145	4.532	5.51	14
Benzene	4.707	0.50	5.000	0	94.1	76	127	4.861	3.22	11
Trichloroethene	4.709	0.50	5.000	0	94.2	71	120	4.831	2.54	14
Toluene	4.705	0.50	5.000	0	94.1	76	125	4.837	2.78	13
Chlorobenzene	4.773	0.50	5.000	0	95.5	75	130	4.850	1.6	13
Surr: Vinyl chloride-d3	3.942	0.50	5.000	0	78.8	49	138	0	0	0
Surr: Chloroethane-d5	4.508	0.50	5.000	0	90.2	60	126	0	0	0
Surr: 1,1-Dichloroethene-d2	4.447	0.50	5.000	0	88.9	65	130	0	0	0
Surr: 2-Butanone-d5	4.759	5.0	5.000	0	95.2	42	171	0	0	0
Surr: Chloroform-d	4.502	0.50	5.000	0	90.0	80	123	0	0	0
Surr: 1,2-Dichloroethane-d4	4.741	0.50	5.000	0	94.8	78	129	0	0	0
Surr: Benzene-d6	4.751	0.50	5.000	0	95.0	78	121	0	0	0
Surr: 1,2-Dichloropropane-d6	4.211	0.50	5.000	0	84.2	84	123	0	0	0
Surr: Toluene-d8	4.697	0.50	5.000	0	93.9	77	120	0	0	0
Surr: trans-1,3-Dichloropropene-d4	4.206	0.50	5.000	0	84.1	80	128	0	0	0
Surr: 2-Hexanone-d5	4.396	5.0	5.000	0	87.9	37	169	0	0	0
Surr: Bromoform-d	4.739	0.50	5.000	0	94.8	76	135	0	0	0
Surr: 1,1,2,2-Tetrachloroethane-d2	4.949	0.50	5.000	0	99.0	75	131	0	0	0
Surr: 1,2-Dichlorobenzene-d4	5.039	0.50	5.000	0	101	50	150	0	0	0

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

Mitkem Corporation

Date: 12-Jul-06

Client: Earth Tech
Client Sample ID: EFF 6/06
Lab ID: E0858-01

Project: NOW Corp. Site
Collection Date: 06/21/06 12:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM				E1664			
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	07/05/2006 00:00	24571

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: 12-Jul-06

Client: Earth Tech
Client Sample ID: INF 6/06
Lab ID: E0858-02

Project: NOW Corp. Site
Collection Date: 06/21/06 12:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM				E1664			
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	07/05/2006 00:00	24571

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

Mitek Corporation

CLIENT: Earth Tech
 Work Order: E0858
 Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: E1664

Sample ID	MB-24571	SampType:	MBLK	TestCode:	E1664	Prep Date:	07/05/2006	Run ID:	MANUAL_060705A				
Client ID:	MB-24571	Batch ID:	24571	Units:	mg/L	Analysis Date:	07/05/2006	SeqNo:	514327				
Analyte		Result	PQL	SPK value		SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		ND	5.0	40.00		0	90.0	62.9	117	0	0		

Sample ID	LCS-24571	SampType:	LCS	TestCode:	E1664	Prep Date:	07/05/2006	Run ID:	MANUAL_060705A				
Client ID:	LCS-24571	Batch ID:	24571	Units:	mg/L	Analysis Date:	07/05/2006	SeqNo:	514325				
Analyte		Result	PQL	SPK value		SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		36.00	5.0	40.00		0	90.0	62.9	117	0	0		

Sample ID	LCSD-24571	SampType:	LCSD	TestCode:	E1664	Prep Date:	07/05/2006	Run ID:	MANUAL_060705A				
Client ID:	LCSD-24571	Batch ID:	24571	Units:	mg/L	Analysis Date:	07/05/2006	SeqNo:	514326				
Analyte		Result	PQL	SPK value		SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		31.60	5.0	40.00		0	79.0	62.9	117	36.00	13		25

Oil & Grease, Total Recoverable

Mitkem Corporation

Date: 10-Jul-06

Client: Earth Tech
Client Sample ID: EFF 6/06
Lab ID: E0858-01

Project: NOW Corp. Site
Collection Date: 06/21/06 12:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP			SW6010B_W				
Aluminum	ND		200	µg/L		1 06/27/2006 17:02	24389
Arsenic	ND		20	µg/L		1 06/27/2006 17:02	24389
Barium	ND		200	µg/L		1 06/27/2006 17:02	24389
Chromium	ND		20	µg/L		1 06/27/2006 17:02	24389
Copper	ND		30	µg/L		1 06/27/2006 17:02	24389
Iron	ND		200	µg/L		1 06/27/2006 17:02	24389
Manganese	82		50	µg/L		1 06/27/2006 17:02	24389
Nickel	ND		50	µg/L		1 06/27/2006 17:02	24389
Zinc	ND		50	µg/L		1 06/27/2006 17:02	24389
MERCURY BY FIA			SW7470A				
Mercury	ND		0.29	µg/L		1 06/28/2006 12:41	24454

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: 10-Jul-06

Client: Earth Tech
 Client Sample ID: INF 6/06
 Lab ID: E0858-02

Project: NOW Corp. Site
 Collection Date: 06/21/06 12:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP			SW6010B_W				
Aluminum	ND		200	µg/L		1 06/27/2006 17:05	24389
Arsenic	ND		20	µg/L		1 06/27/2006 17:05	24389
Barium	ND		200	µg/L		1 06/27/2006 17:05	24389
Chromium	ND		20	µg/L		1 06/27/2006 17:05	24389
Copper	ND		30	µg/L		1 06/27/2006 17:05	24389
Iron	ND		200	µg/L		1 06/27/2006 17:05	24389
Manganese	62		50	µg/L		1 06/27/2006 17:05	24389
Nickel	ND		50	µg/L		1 06/27/2006 17:05	24389
Zinc	ND		50	µg/L		1 06/27/2006 17:05	24389
MERCURY BY FIA			SW7470A				
Mercury	ND		0.28	µg/L		1 06/28/2006 12:43	24454

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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
 Work Order: E0858
 Project: NOW Corp. Site

TestCode: SW6010B_W

Sample ID: MB-24389	SampType: MBLK	TestCode: SW6010B_W	Prep Date: 6/24/06	Run ID: OPTIMA3_060627D						
Client ID: MB-24389	Batch ID: 24389	Units: µg/L	Analysis Date: 6/27/06	SeqNo: 508777						
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	200								
Arsenic	ND	20								
Barium	ND	200								
Chromium	ND	20								
Copper	ND	30								
Iron	ND	200								
Manganese	ND	50								
Nickel	ND	50								
Zinc	ND	50								

Sample ID: LCS-24389	SampType: LCS	TestCode: SW6010B_W	Prep Date: 6/24/06	Run ID: OPTIMA3_060627D						
Client ID: LCS-24389	Batch ID: 24389	Units: µg/L	Analysis Date: 6/27/06	SeqNo: 508778						
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9147	200	0	101	80	120	0	0	0	
Arsenic	505.5	20	0	111	80	120	0	0	0	
Barium	10000	200	0	110	80	120	0	0	0	
Chromium	952.9	20	0	105	80	120	0	0	0	
Copper	1190	30	0	105	80	120	0	0	0	
Iron	4672	200	0	103	80	120	0	0	0	
Manganese	2458	50	0	108	80	120	0	0	0	
Nickel	2396	50	0	106	80	120	0	0	0	
Zinc	2439	50	0	107	80	120	0	0	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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: SW7470A

Sample ID: MB-24454	SampType: MBLK	TestCode: SW7470A	Run ID: FIMS1_060628A
Client ID: MB-24454	Batch ID: 24454	Units: µg/L	SeqNo: 508984
Analyte	Result	PQL	SPK value
Mercury	ND	0.20	SPK Ref Val
			LowLimit HighLimit
			RPD Ref Val
			%RPD RPDLimit
			Qual

Sample ID: LCS-24454	SampType: LCS	TestCode: SW7470A	Run ID: FIMS1_060628A
Client ID: LCS-24454	Batch ID: 24454	Units: µg/L	SeqNo: 508985
Analyte	Result	PQL	SPK value
Mercury	4.173	0.20	SPK Ref Val
			LowLimit HighLimit
			RPD Ref Val
			%RPD RPDLimit
			Qual

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

Mitkem Corporation

Date: 29-Jun-06

Client: Earth Tech
Client Sample ID: EFF 6/06
Lab ID: E0858-01

Project: NOW Corp. Site
Collection Date: 06/21/06 12:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TOTAL DISSOLVED SOLIDS							
Total Dissolved Solids	240			10 mg/L		1 06/26/2006 16:00	24420
TOTAL SUSPENDED SOLIDS							
Total Suspended Solids	ND			10 mg/L		1 06/26/2006 16:00	24421
TOTAL CYANIDE							
Cyanide	ND			20 µg/L		1 06/28/2006 10:34	24441

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-Jun-06

Client: Earth Tech
Client Sample ID: INF 6/06
Lab ID: E0858-02

Project: NOW Corp. Site
Collection Date: 06/21/06 12:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TOTAL DISSOLVED SOLIDS							
Total Dissolved Solids	270			10 mg/L		1 06/26/2006 16:00	24420
TOTAL SUSPENDED SOLIDS							
Total Suspended Solids	ND			10 mg/L		1 06/26/2006 16:00	24421
TOTAL CYANIDE							
Cyanide	ND			20 µg/L		1 06/28/2006 10:37	24441

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: E0858
Project: NOW Corp. Site

TestCode: SM2540_TDS

Sample ID: MB-24420	SampType: MBLK	TestCode: SM2540_TDS	Prep Date: 6/26/06	Run ID: MANUAL_060626C						
Client ID: MB-24420	Batch ID: 24420	Units: mg/L	Analysis Date: 6/26/06	SeqNo: 509618						
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids										
Sample ID: LCS-24420	SampType: LCS	TestCode: SM2540_TDS	Prep Date: 6/26/06	Run ID: MANUAL_060626C						
Client ID: LCS-24420	Batch ID: 24420	Units: mg/L	Analysis Date: 6/26/06	SeqNo: 509619						
Analyte	Result	PQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids	1044	10	1110	0	94.1	81.5	116	0	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

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: SM2540_TSS

Sample ID:	MB-24421	SampType:	MBLK	TestCode:	SM2540_TSS	Prep Date:	6/26/06	Run ID:	MANUAL_060626A				
Client ID:	MB-24421 <th>Batch ID:</th> <td>24421 <th>Units:</th> <td>mg/L <th>Analysis Date:</th> <td>6/26/06 <th>SeqNo:</th> <td>509605 </td></td></td></td>	Batch ID:	24421 <th>Units:</th> <td>mg/L <th>Analysis Date:</th> <td>6/26/06 <th>SeqNo:</th> <td>509605 </td></td></td>	Units:	mg/L <th>Analysis Date:</th> <td>6/26/06 <th>SeqNo:</th> <td>509605 </td></td>	Analysis Date:	6/26/06 <th>SeqNo:</th> <td>509605 </td>	SeqNo:	509605				
Analyte		Result	PQL	SPK value		SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids		ND	10										
Sample ID:	LCS-24421	SampType:	LCS	TestCode:	SM2540_TSS	Prep Date:	6/26/06	Run ID:	MANUAL_060626A				
Client ID:	LCS-24421	Batch ID:	24421	Units:	mg/L	Analysis Date:	6/26/06	SeqNo:	509606				
Analyte		Result	PQL	SPK value		SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids		53.00	10	51.70		0	103	73.2	116	0	0	0	

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E0858
Project: NOW Corp. Site

TestCode: SW9012B_W

Sample ID: MB-24441	SampType: MBLK	TestCode: SW9012B_W	Prep Date: 6/27/06	Run ID: LACHAT1_060628A	
Client ID: MB-24441	Batch ID: 24441	Units: µg/L	Analysis Date: 6/28/06	SeqNo: 509864	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide	ND	20			

Sample ID: LCS-24441	SampType: LCS	TestCode: SW9012B_W	Prep Date: 6/27/06	Run ID: LACHAT1_060628A	
Client ID: LCS-24441	Batch ID: 24441	Units: µg/L	Analysis Date: 6/28/06	SeqNo: 509865	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide	88.78	20	100.0	0	88.8 52.5 145 0 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 ID: EARTH_NY
 Project: NOW Corp. Site
 Location:
 Comments: N/A

Case:
 SDG:
 PO: 55849.01

Report Level: LEVEL 2
 EDD:
 HC Due: 07/06/06
 Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0858-01A	EFF 6/06	06/21/2006 12:05	06/22/2006	Aqueous	OLC3.2_VOA		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
E0858-01B	EFF 6/06	06/21/2006 12:05	06/22/2006	Aqueous	SW6010B_W	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M4
					SW7470A	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M4
E0858-01C	EFF 6/06	06/21/2006 12:05	06/22/2006	Aqueous	SM2540_TDS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3
					SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3
E0858-01D	EFF 6/06	06/21/2006 12:05	06/22/2006	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3
E0858-01E	EFF 6/06	06/21/2006 12:05	06/22/2006	Aqueous	SW9012B_W		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3
E0858-02A	INF 6/06	06/21/2006 12:15	06/22/2006	Aqueous	OLC3.2_VOA		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
E0858-02B	INF 6/06	06/21/2006 12:15	06/22/2006	Aqueous	SW6010B_W	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	M4
					SW7470A	See SEL list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M4
E0858-02C	INF 6/06	06/21/2006 12:15	06/22/2006	Aqueous	SM2540_TDS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3
					SM2540_TSS		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3

Mitkem Corporation

14/Aug/06 12:50

WorkOrder: E0858

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 55849.01

Report Level: LEVEL 2

EDD:

HC Due: 07/06/06

Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E0858-02D	INF 6/06	06/21/2006 12:15	06/22/2006	Aqueous	E1664		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3
E0858-02E	INF 6/06	06/21/2006 12:15	06/22/2006	Aqueous	SW9012B_W		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K3
E0858-03A	TW-1	06/21/2006 12:25	06/22/2006	Aqueous	OLC3.2_VOA		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
E0858-04A	TW-2A	06/21/2006 12:30	06/22/2006	Aqueous	OLC3.2_VOA		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
E0858-05A	TW-3	06/21/2006 12:35	06/22/2006	Aqueous	OLC3.2_VOA		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
E0858-06A	TRIP BLANK		06/22/2006	Aqueous	OLC3.2_VOA		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA





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 email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO				INVOICE TO						
COMPANY	PHONE	LAB PROJECT #:	COMPANY	PHONE	LAB PROJECT #:					
Earth Tech	518-951-2200		Same		EC058					
NAME	FAX			NAME	FAX					
Steve Charniere	518-951-2200									
ADDRESS			ADDRESS							
40 British American Blvd.										
CITY/ST/ZIP	CLIENT PROJECT #:	CLIENT PO.#:	CITY/ST/ZIP							
Latham NY 12110	55849.01									
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
EFF 9/06	6/21/06 12:05		X	X			C1	6	8260 Metals (Cd, Cr, Ni, Pb, Zn) TDS 1753 O+G Cyanide	
INF 6/06	12:15		X	X			C2	6		
TW-1	12:25		X	X			C3	2		
TW-2A	12:30		X	X			C4	2		
TW-3	12:35		X	X			C5	2		
Tip Blank	- / -							2		
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:		COOLER TEMP:			
	Steve D. Joy	6/21/06 12:50	Kwick Kewent	6/21/06 8:00			5°C			