

**Operation, Maintenance and Monitoring Report
July 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**



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September 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 – “July” 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 groundwater pump-and-treat (P&T) system for a 36-day period (**June 21, 2006 – July 27, 2006**).

With the exceptions noted below (if any), the P&T system was online and operational throughout the reporting period. Approximately 780,100 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 21,700 gallons per day (gpd). During the prior reporting period, the average discharge was 17,600 gpd.

As of the last day of the reporting period, a total of 53,604,900 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 July 27, 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.

Earth Tech made one site visit during the reporting period to conduct the required system inspection, perform scheduled and/or unscheduled maintenance, and to collect water samples. The June 21st service visit was described in the previous report. Details for this reporting period follow:

July 27th – Monthly system inspection and sampling. The transfer pump in the middle settling tank was removed for cleaning in a dilute acid solution.

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

Table 1
Summary of Influent and Effluent Data
Sampling Date: July 27, 2006
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		21,669				Monitor	gpd
pH	7.0	8.0	NA	NA	NA	6.5 to 8.5	standard units
Oil and Grease	<5	<5	NA	NA	NA	15	mg/L
Total Cyanide	<20	<20	NA	NA	NA	10	ug/L
TDS	280	260	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	<0.28	NA	NA	NA	0.8	ug/L
Manganese	150	110	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	530	<0.5	2.2	740 D	9	5	ug/L
1,1,2-Trichloroethane	<25	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	130	<0.5	73 D	170 D	15	5	ug/L
1,1-Dichloroethene	<25	<0.5	11	39 JD	2.1	0.5	ug/L
1,2-Dichloroethane	<25	<0.5	<0.5	<0.5	<0.5	1.6	ug/L
Benzene	<25	<0.5	<0.5	<0.5	<0.5	0.8	ug/L
Chlorobenzene	<25	<0.5	<0.5	<0.5	<0.5	5	ug/L
Chloroethane	<25	<0.5	2.8	1.2	<0.5	5	ug/L
cis-1,2-Dichloroethene	<25	<0.5	2.3	17	0.48 J	5	ug/L
Ethylbenzene	<25	<0.5	<0.5	<0.5	<0.5	5	ug/L
Methyl tert-butyl ether	<25	<0.5	<0.5	<0.5	<0.5	5	ug/L
o-Xylene	<25	<0.5	<0.5	<0.5	<0.5	5	ug/L
p&m-Xylene	<25	<0.5	<0.5	<0.5	<0.5	10	ug/L
Tetrachloroethene	<25	<0.5	<0.5	<0.5	<0.5	1.4	ug/L
Toluene	<25	<0.5	<0.5	<0.5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<25	<0.5	<0.5	<0.5	<0.5	5	ug/L
Trichloroethene	310	<0.5	50 D	420 D	20	5	ug/L
Vinyl Chloride	<25	<0.5	0.47 J	<0.5	<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 July 2006 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:	7/27/06	Units
<i>TW-1</i>		
Pumping Rate	1	GPM
Water Level Above Transducer	14.96	feet
Flow Meter Reading	3,569,900	gallons
Pump Pressure	75	psi
<i>TW-2A</i>		
Pumping Rate	10	GPM
Water Level Above Transducer	31.10	feet
Flow Meter Reading	6,837,900	gallons
Pump Pressure	25	psi
<i>TW-3</i>		
Pumping Rate	3	GPM
Water Level Above Transducer	29.49	feet
Flow Meter Reading	2,950,500	gallons
Pump Pressure	67	psi
<i>Air Stripper</i>		
Stripper Blower Pressure	17	inches H ₂ O
Air Temperature in Stripper	52	°F
Pressure Gauge - Left Leg	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	53,604,900	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**



Client: Earth Tech

Client Project: NOW Corp, 55849.01, 07/06

Lab Work Order: E1125

Date samples received: 7/28/06

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech on July 28, 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.

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. Due to elevated concentrations of target analytes, sample TW-2A was reanalyzed at a 100X dilution and samples INF and TW-1 were initially analyzed at 50X and 5X dilutions respectively. Due to potential carryover of trichloroethene from a previous analysis, sample TW-3 was reanalyzed. Results for both analyses are included in the report. The reanalysis indicates no significant carryover impacted the initial analysis.

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. Matrix spike and duplicate analyses were performed for cyanide on sample EFF. Spike recovery and replicate RPD were within the QC limits.

No other unusual occurrences were noted during sample analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".



This data report has been reviewed and is authorized for release as evidenced by the signature below.

A handwritten signature in black ink, appearing to read "Edward A. Lawler". The signature is fluid and cursive, with the first name "Edward" being the most prominent part.

Edward A. Lawler
Laboratory Operations Manager

Mitkem Corporation

Date: 16-Aug-06

Client: Earth Tech
Client Sample ID: EFF
Lab ID: E1125-01

Project: NOW Corp. Site
Collection Date: 07/27/06 10:40

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	07/30/2006 21:25	25047
Chloroethane	ND		0.50	µg/L	1	07/30/2006 21:25	25047
1,1-Dichloroethene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Methyl tert-butyl ether	ND		0.50	µg/L	1	07/30/2006 21:25	25047
1,1-Dichloroethane	ND		0.50	µg/L	1	07/30/2006 21:25	25047
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
1,1,1-Trichloroethane	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Benzene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
1,2-Dichloroethane	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Trichloroethene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Toluene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
1,1,2-Trichloroethane	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Tetrachloroethene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Chlorobenzene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Ethylbenzene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
m,p-Xylene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
o-Xylene	ND		0.50	µg/L	1	07/30/2006 21:25	25047
Surr: Vinyl chloride-d3	111		49-138	%REC	1	07/30/2006 21:25	25047
Surr: Chloroethane-d5	116		60-126	%REC	1	07/30/2006 21:25	25047
Surr: 1,1-Dichloroethene-d2	97.6		65-130	%REC	1	07/30/2006 21:25	25047
Surr: 2-Butanone-d5	97.6		42-171	%REC	1	07/30/2006 21:25	25047
Surr: Chloroform-d	109		80-123	%REC	1	07/30/2006 21:25	25047
Surr: 1,2-Dichloroethane-d4	121		78-129	%REC	1	07/30/2006 21:25	25047
Surr: Benzene-d6	112		78-121	%REC	1	07/30/2006 21:25	25047
Surr: 1,2-Dichloropropane-d6	101		84-123	%REC	1	07/30/2006 21:25	25047
Surr: Toluene-d8	114		77-120	%REC	1	07/30/2006 21:25	25047
Surr: trans-1,3-Dichloropropene-d4	102		80-128	%REC	1	07/30/2006 21:25	25047
Surr: 2-Hexanone-d5	93.6		37-169	%REC	1	07/30/2006 21:25	25047
Surr: Bromoform-d	115		76-135	%REC	1	07/30/2006 21:25	25047
Surr: 1,1,2,2-Tetrachloroethane-d2	117		75-131	%REC	1	07/30/2006 21:25	25047
Surr: 1,2-Dichlorobenzene-d4	116		50-150	%REC	1	07/30/2006 21:25	25047

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: 16-Aug-06

Client: Earth Tech
Client Sample ID: INF
Lab ID: E1125-02

Project: NOW Corp. Site
Collection Date: 07/27/06 11:05

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	08/02/2006 18:13	25116
Chloroethane	ND		25	µg/L	50	08/02/2006 18:13	25116
1,1-Dichloroethene	ND		25	µg/L	50	08/02/2006 18:13	25116
trans-1,2-Dichloroethene	ND		25	µg/L	50	08/02/2006 18:13	25116
Methyl tert-butyl ether	ND		25	µg/L	50	08/02/2006 18:13	25116
1,1-Dichloroethane	130		25	µg/L	50	08/02/2006 18:13	25116
cis-1,2-Dichloroethene	ND		25	µg/L	50	08/02/2006 18:13	25116
1,1,1-Trichloroethane	530		25	µg/L	50	08/02/2006 18:13	25116
Benzene	ND		25	µg/L	50	08/02/2006 18:13	25116
1,2-Dichloroethane	ND		25	µg/L	50	08/02/2006 18:13	25116
Trichloroethene	310		25	µg/L	50	08/02/2006 18:13	25116
Toluene	ND		25	µg/L	50	08/02/2006 18:13	25116
1,1,2-Trichloroethane	ND		25	µg/L	50	08/02/2006 18:13	25116
Tetrachloroethene	ND		25	µg/L	50	08/02/2006 18:13	25116
Chlorobenzene	ND		25	µg/L	50	08/02/2006 18:13	25116
Ethylbenzene	ND		25	µg/L	50	08/02/2006 18:13	25116
m,p-Xylene	ND		25	µg/L	50	08/02/2006 18:13	25116
o-Xylene	ND		25	µg/L	50	08/02/2006 18:13	25116
Surr: Vinyl chloride-d3	87.6		49-138	%REC	50	08/02/2006 18:13	25116
Surr: Chloroethane-d5	88.8		60-126	%REC	50	08/02/2006 18:13	25116
Surr: 1,1-Dichloroethene-d2	76.8		65-130	%REC	50	08/02/2006 18:13	25116
Surr: 2-Butanone-d5	94.3		42-171	%REC	50	08/02/2006 18:13	25116
Surr: Chloroform-d	88.1		80-123	%REC	50	08/02/2006 18:13	25116
Surr: 1,2-Dichloroethane-d4	99.0		78-129	%REC	50	08/02/2006 18:13	25116
Surr: Benzene-d6	90.8		78-121	%REC	50	08/02/2006 18:13	25116
Surr: 1,2-Dichloropropane-d6	82.3	S	84-123	%REC	50	08/02/2006 18:13	25116
Surr: Toluene-d8	89.7		77-120	%REC	50	08/02/2006 18:13	25116
Surr: trans-1,3-Dichloropropene-d4	90.0		80-128	%REC	50	08/02/2006 18:13	25116
Surr: 2-Hexanone-d5	81.7		37-169	%REC	50	08/02/2006 18:13	25116
Surr: Bromoform-d	98.8		76-135	%REC	50	08/02/2006 18:13	25116
Surr: 1,1,2,2-Tetrachloroethane-d2	94.0		75-131	%REC	50	08/02/2006 18:13	25116
Surr: 1,2-Dichlorobenzene-d4	93.0		50-150	%REC	50	08/02/2006 18:13	25116

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:** 16-Aug-06**Client:** Earth Tech**Client Sample ID:** TW-1**Lab ID:** E1125-03**Project:** NOW Corp. Site**Collection Date:** 07/27/06 11:20

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	0.47	J	0.50	µg/L	1	07/30/2006 21:56	25047
Chloroethane	2.8		0.50	µg/L	1	07/30/2006 21:56	25047
1,1-Dichloroethene	11		0.50	µg/L	1	07/30/2006 21:56	25047
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
Methyl tert-butyl ether	ND		0.50	µg/L	1	07/30/2006 21:56	25047
1,1-Dichloroethane	62	E	0.50	µg/L	1	07/30/2006 21:56	25047
cis-1,2-Dichloroethene	2.3		0.50	µg/L	1	07/30/2006 21:56	25047
1,1,1-Trichloroethane	2.2		0.50	µg/L	1	07/30/2006 21:56	25047
Benzene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
1,2-Dichloroethane	ND		0.50	µg/L	1	07/30/2006 21:56	25047
Trichloroethene	45	E	0.50	µg/L	1	07/30/2006 21:56	25047
Toluene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
1,1,2-Trichloroethane	ND		0.50	µg/L	1	07/30/2006 21:56	25047
Tetrachloroethene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
Chlorobenzene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
Ethylbenzene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
m,p-Xylene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
o-Xylene	ND		0.50	µg/L	1	07/30/2006 21:56	25047
Surr: Vinyl chloride-d3	106		49-138	%REC	1	07/30/2006 21:56	25047
Surr: Chloroethane-d5	106		60-126	%REC	1	07/30/2006 21:56	25047
Surr: 1,1-Dichloroethene-d2	128		65-130	%REC	1	07/30/2006 21:56	25047
Surr: 2-Butanone-d5	102		42-171	%REC	1	07/30/2006 21:56	25047
Surr: Chloroform-d	106		80-123	%REC	1	07/30/2006 21:56	25047
Surr: 1,2-Dichloroethane-d4	115		78-129	%REC	1	07/30/2006 21:56	25047
Surr: Benzene-d6	106		78-121	%REC	1	07/30/2006 21:56	25047
Surr: 1,2-Dichloropropane-d6	97.7		84-123	%REC	1	07/30/2006 21:56	25047
Surr: Toluene-d8	109		77-120	%REC	1	07/30/2006 21:56	25047
Surr: trans-1,3-Dichloropropene-d4	98.5		80-128	%REC	1	07/30/2006 21:56	25047
Surr: 2-Hexanone-d5	96.7		37-169	%REC	1	07/30/2006 21:56	25047
Surr: Bromoform-d	112		76-135	%REC	1	07/30/2006 21:56	25047
Surr: 1,1,2,2-Tetrachloroethane-d2	113		75-131	%REC	1	07/30/2006 21:56	25047
Surr: 1,2-Dichlorobenzene-d4	112		50-150	%REC	1	07/30/2006 21:56	25047

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:** 16-Aug-06**Client:** Earth Tech**Client Sample ID:** TW-1**Lab ID:** E1125-03**Project:** NOW Corp. Site**Collection Date:** 07/27/06 11:20

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS			OLC3.2_VOA				
Vinyl chloride	ND		2.5	µg/L	5	08/02/2006 16:51	25116
Chloroethane	ND		2.5	µg/L	5	08/02/2006 16:51	25116
1,1-Dichloroethene	11		2.5	µg/L	5	08/02/2006 16:51	25116
trans-1,2-Dichloroethene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
Methyl tert-butyl ether	ND		2.5	µg/L	5	08/02/2006 16:51	25116
1,1-Dichloroethane	73		2.5	µg/L	5	08/02/2006 16:51	25116
cis-1,2-Dichloroethene	2.7		2.5	µg/L	5	08/02/2006 16:51	25116
1,1,1-Trichloroethane	2.3	J	2.5	µg/L	5	08/02/2006 16:51	25116
Benzene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
1,2-Dichloroethane	ND		2.5	µg/L	5	08/02/2006 16:51	25116
Trichloroethene	50		2.5	µg/L	5	08/02/2006 16:51	25116
Toluene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
1,1,2-Trichloroethane	ND		2.5	µg/L	5	08/02/2006 16:51	25116
Tetrachloroethene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
Chlorobenzene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
Ethylbenzene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
m,p-Xylene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
o-Xylene	ND		2.5	µg/L	5	08/02/2006 16:51	25116
Surr: Vinyl chloride-d3	96.0		49-138	%REC	5	08/02/2006 16:51	25116
Surr: Chloroethane-d5	99.6		60-126	%REC	5	08/02/2006 16:51	25116
Surr: 1,1-Dichloroethene-d2	91.3		65-130	%REC	5	08/02/2006 16:51	25116
Surr: 2-Butanone-d5	96.8		42-171	%REC	5	08/02/2006 16:51	25116
Surr: Chloroform-d	96.1		80-123	%REC	5	08/02/2006 16:51	25116
Surr: 1,2-Dichloroethane-d4	109		78-129	%REC	5	08/02/2006 16:51	25116
Surr: Benzene-d6	99.1		78-121	%REC	5	08/02/2006 16:51	25116
Surr: 1,2-Dichloropropane-d6	87.0		84-123	%REC	5	08/02/2006 16:51	25116
Surr: Toluene-d8	98.5		77-120	%REC	5	08/02/2006 16:51	25116
Surr: trans-1,3-Dichloropropene-d4	101		80-128	%REC	5	08/02/2006 16:51	25116
Surr: 2-Hexanone-d5	84.7		37-169	%REC	5	08/02/2006 16:51	25116
Surr: Bromoform-d	108		76-135	%REC	5	08/02/2006 16:51	25116
Surr: 1,1,2,2-Tetrachloroethane-d2	99.8		75-131	%REC	5	08/02/2006 16:51	25116
Surr: 1,2-Dichlorobenzene-d4	102		50-150	%REC	5	08/02/2006 16:51	25116

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: 16-Aug-06

Client: Earth Tech
Client Sample ID: TW-2A
Lab ID: E1125-04

Project: NOW Corp. Site
Collection Date: 07/27/06 11:25

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	07/30/2006 22:27	25047
Chloroethane	1.2		0.50	µg/L	1	07/30/2006 22:27	25047
1,1-Dichloroethene	44	E	0.50	µg/L	1	07/30/2006 22:27	25047
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
Methyl tert-butyl ether	ND		0.50	µg/L	1	07/30/2006 22:27	25047
1,1-Dichloroethane	120	E	0.50	µg/L	1	07/30/2006 22:27	25047
cis-1,2-Dichloroethene	17		0.50	µg/L	1	07/30/2006 22:27	25047
1,1,1-Trichloroethane	270	E	0.50	µg/L	1	07/30/2006 22:27	25047
Benzene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
1,2-Dichloroethane	ND		0.50	µg/L	1	07/30/2006 22:27	25047
Trichloroethene	200	E	0.50	µg/L	1	07/30/2006 22:27	25047
Toluene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
1,1,2-Trichloroethane	ND		0.50	µg/L	1	07/30/2006 22:27	25047
Tetrachloroethene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
Chlorobenzene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
Ethylbenzene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
m,p-Xylene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
o-Xylene	ND		0.50	µg/L	1	07/30/2006 22:27	25047
Surr: Vinyl chloride-d3	112		49-138	%REC	1	07/30/2006 22:27	25047
Surr: Chloroethane-d5	110		60-126	%REC	1	07/30/2006 22:27	25047
Surr: 1,1-Dichloroethene-d2	234	S	65-130	%REC	1	07/30/2006 22:27	25047
Surr: 2-Butanone-d5	102		42-171	%REC	1	07/30/2006 22:27	25047
Surr: Chloroform-d	109		80-123	%REC	1	07/30/2006 22:27	25047
Surr: 1,2-Dichloroethane-d4	120		78-129	%REC	1	07/30/2006 22:27	25047
Surr: Benzene-d6	111		78-121	%REC	1	07/30/2006 22:27	25047
Surr: 1,2-Dichloropropane-d6	102		84-123	%REC	1	07/30/2006 22:27	25047
Surr: Toluene-d8	112		77-120	%REC	1	07/30/2006 22:27	25047
Surr: trans-1,3-Dichloropropene-d4	102		80-128	%REC	1	07/30/2006 22:27	25047
Surr: 2-Hexanone-d5	98.6		37-169	%REC	1	07/30/2006 22:27	25047
Surr: Bromoform-d	123		76-135	%REC	1	07/30/2006 22:27	25047
Surr: 1,1,2,2-Tetrachloroethane-d2	118		75-131	%REC	1	07/30/2006 22:27	25047
Surr: 1,2-Dichlorobenzene-d4	117		50-150	%REC	1	07/30/2006 22:27	25047

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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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: 16-Aug-06

Client: Earth Tech
Client Sample ID: TW-2A
Lab ID: E1125-04

Project: NOW Corp. Site
Collection Date: 07/27/06 11:25

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS							
OLC3.2_VOA							
Vinyl chloride	ND		50	µg/L	100	08/02/2006 15:14	25116
Chloroethane	ND		50	µg/L	100	08/02/2006 15:14	25116
1,1-Dichloroethene	39	J	50	µg/L	100	08/02/2006 15:14	25116
trans-1,2-Dichloroethene	ND		50	µg/L	100	08/02/2006 15:14	25116
Methyl tert-butyl ether	ND		50	µg/L	100	08/02/2006 15:14	25116
1,1-Dichloroethane	170		50	µg/L	100	08/02/2006 15:14	25116
cis-1,2-Dichloroethene	ND		50	µg/L	100	08/02/2006 15:14	25116
1,1,1-Trichloroethane	740		50	µg/L	100	08/02/2006 15:14	25116
Benzene	ND		50	µg/L	100	08/02/2006 15:14	25116
1,2-Dichloroethane	ND		50	µg/L	100	08/02/2006 15:14	25116
Trichloroethene	420		50	µg/L	100	08/02/2006 15:14	25116
Toluene	ND		50	µg/L	100	08/02/2006 15:14	25116
1,1,2-Trichloroethane	ND		50	µg/L	100	08/02/2006 15:14	25116
Tetrachloroethene	ND		50	µg/L	100	08/02/2006 15:14	25116
Chlorobenzene	ND		50	µg/L	100	08/02/2006 15:14	25116
Ethylbenzene	ND		50	µg/L	100	08/02/2006 15:14	25116
m,p-Xylene	ND		50	µg/L	100	08/02/2006 15:14	25116
o-Xylene	ND		50	µg/L	100	08/02/2006 15:14	25116
Surr: Vinyl chloride-d3	95.0		49-138	%REC	100	08/02/2006 15:14	25116
Surr: Chloroethane-d5	101		60-126	%REC	100	08/02/2006 15:14	25116
Surr: 1,1-Dichloroethene-d2	84.3		65-130	%REC	100	08/02/2006 15:14	25116
Surr: 2-Butanone-d5	99.2		42-171	%REC	100	08/02/2006 15:14	25116
Surr: Chloroform-d	93.0		80-123	%REC	100	08/02/2006 15:14	25116
Surr: 1,2-Dichloroethane-d4	103		78-129	%REC	100	08/02/2006 15:14	25116
Surr: Benzene-d6	98.9		78-121	%REC	100	08/02/2006 15:14	25116
Surr: 1,2-Dichloropropane-d6	85.8		84-123	%REC	100	08/02/2006 15:14	25116
Surr: Toluene-d8	96.1		77-120	%REC	100	08/02/2006 15:14	25116
Surr: trans-1,3-Dichloropropene-d4	96.5		80-128	%REC	100	08/02/2006 15:14	25116
Surr: 2-Hexanone-d5	77.2		37-169	%REC	100	08/02/2006 15:14	25116
Surr: Bromoform-d	108		76-135	%REC	100	08/02/2006 15:14	25116
Surr: 1,1,2,2-Tetrachloroethane-d2	98.3		75-131	%REC	100	08/02/2006 15:14	25116
Surr: 1,2-Dichlorobenzene-d4	104		50-150	%REC	100	08/02/2006 15:14	25116

Qualifiers: ND - Not Detected at the Reporting Limit
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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: 16-Aug-06

Client: Earth Tech
Client Sample ID: TW-3
Lab ID: E1125-05

Project: NOW Corp. Site
Collection Date: 07/27/06 11:30

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	07/30/2006 22:57	25047
Chloroethane	ND		0.50	µg/L	1	07/30/2006 22:57	25047
1,1-Dichloroethene	2.1		0.50	µg/L	1	07/30/2006 22:57	25047
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
Methyl tert-butyl ether	ND		0.50	µg/L	1	07/30/2006 22:57	25047
1,1-Dichloroethane	15		0.50	µg/L	1	07/30/2006 22:57	25047
cis-1,2-Dichloroethene	0.48	J	0.50	µg/L	1	07/30/2006 22:57	25047
1,1,1-Trichloroethane	9.0		0.50	µg/L	1	07/30/2006 22:57	25047
Benzene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
1,2-Dichloroethane	ND		0.50	µg/L	1	07/30/2006 22:57	25047
Trichloroethene	20		0.50	µg/L	1	07/30/2006 22:57	25047
Toluene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
1,1,2-Trichloroethane	ND		0.50	µg/L	1	07/30/2006 22:57	25047
Tetrachloroethene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
Chlorobenzene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
Ethylbenzene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
m,p-Xylene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
o-Xylene	ND		0.50	µg/L	1	07/30/2006 22:57	25047
Surr: Vinyl chloride-d3	111		49-138	%REC	1	07/30/2006 22:57	25047
Surr: Chloroethane-d5	110		60-126	%REC	1	07/30/2006 22:57	25047
Surr: 1,1-Dichloroethene-d2	100		65-130	%REC	1	07/30/2006 22:57	25047
Surr: 2-Butanone-d5	98.0		42-171	%REC	1	07/30/2006 22:57	25047
Surr: Chloroform-d	109		80-123	%REC	1	07/30/2006 22:57	25047
Surr: 1,2-Dichloroethane-d4	122		78-129	%REC	1	07/30/2006 22:57	25047
Surr: Benzene-d6	112		78-121	%REC	1	07/30/2006 22:57	25047
Surr: 1,2-Dichloropropane-d6	104		84-123	%REC	1	07/30/2006 22:57	25047
Surr: Toluene-d8	112		77-120	%REC	1	07/30/2006 22:57	25047
Surr: trans-1,3-Dichloropropene-d4	102		80-128	%REC	1	07/30/2006 22:57	25047
Surr: 2-Hexanone-d5	101		37-169	%REC	1	07/30/2006 22:57	25047
Surr: Bromoform-d	115		76-135	%REC	1	07/30/2006 22:57	25047
Surr: 1,1,2,2-Tetrachloroethane-d2	125		75-131	%REC	1	07/30/2006 22:57	25047
Surr: 1,2-Dichlorobenzene-d4	117		50-150	%REC	1	07/30/2006 22:57	25047

Qualifiers: ND - Not Detected at the Reporting Limit
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DF - Dilution Factor

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R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Corporation

Date: 16-Aug-06

Client: Earth Tech
Client Sample ID: TW-3
Lab ID: E1125-05

Project: NOW Corp. Site
Collection Date: 07/27/06 11:30

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	08/02/2006 16:21	25116
Chloroethane	ND		0.50	µg/L	1	08/02/2006 16:21	25116
1,1-Dichloroethene	2.5		0.50	µg/L	1	08/02/2006 16:21	25116
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
Methyl tert-butyl ether	ND		0.50	µg/L	1	08/02/2006 16:21	25116
1,1-Dichloroethane	18		0.50	µg/L	1	08/02/2006 16:21	25116
cis-1,2-Dichloroethene	0.56		0.50	µg/L	1	08/02/2006 16:21	25116
1,1,1-Trichloroethane	9.9		0.50	µg/L	1	08/02/2006 16:21	25116
Benzene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
1,2-Dichloroethane	ND		0.50	µg/L	1	08/02/2006 16:21	25116
Trichloroethene	21		0.50	µg/L	1	08/02/2006 16:21	25116
Toluene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
1,1,2-Trichloroethane	ND		0.50	µg/L	1	08/02/2006 16:21	25116
Tetrachloroethene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
Chlorobenzene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
Ethylbenzene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
m,p-Xylene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
o-Xylene	ND		0.50	µg/L	1	08/02/2006 16:21	25116
Surr: Vinyl chloride-d3	97.4		49-138	%REC	1	08/02/2006 16:21	25116
Surr: Chloroethane-d5	102		60-126	%REC	1	08/02/2006 16:21	25116
Surr: 1,1-Dichloroethene-d2	89.2		65-130	%REC	1	08/02/2006 16:21	25116
Surr: 2-Butanone-d5	142		42-171	%REC	1	08/02/2006 16:21	25116
Surr: Chloroform-d	97.1		80-123	%REC	1	08/02/2006 16:21	25116
Surr: 1,2-Dichloroethane-d4	129		78-129	%REC	1	08/02/2006 16:21	25116
Surr: Benzene-d6	93.8		78-121	%REC	1	08/02/2006 16:21	25116
Surr: 1,2-Dichloropropane-d6	93.8		84-123	%REC	1	08/02/2006 16:21	25116
Surr: Toluene-d8	92.8		77-120	%REC	1	08/02/2006 16:21	25116
Surr: trans-1,3-Dichloropropene-d4	113		80-128	%REC	1	08/02/2006 16:21	25116
Surr: 2-Hexanone-d5	99.9		37-169	%REC	1	08/02/2006 16:21	25116
Surr: Bromoform-d	137	S	76-135	%REC	1	08/02/2006 16:21	25116
Surr: 1,1,2,2-Tetrachloroethane-d2	128		75-131	%REC	1	08/02/2006 16:21	25116
Surr: 1,2-Dichlorobenzene-d4	111		50-150	%REC	1	08/02/2006 16:21	25116

Qualifiers: ND - Not Detected at the Reporting Limit
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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:** 16-Aug-06**Client:** Earth Tech
Client Sample ID: TRIP BLANK
Lab ID: E1125-06**Project:** NOW Corp. Site
Collection Date: 07/27/06 10:42

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	08/02/2006 17:42	25116
Chloroethane	ND		0.50	µg/L	1	08/02/2006 17:42	25116
1,1-Dichloroethene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Methyl tert-butyl ether	ND		0.50	µg/L	1	08/02/2006 17:42	25116
1,1-Dichloroethane	ND		0.50	µg/L	1	08/02/2006 17:42	25116
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
1,1,1-Trichloroethane	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Benzene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
1,2-Dichloroethane	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Trichloroethene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Toluene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
1,1,2-Trichloroethane	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Tetrachloroethene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Chlorobenzene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Ethylbenzene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
m,p-Xylene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
o-Xylene	ND		0.50	µg/L	1	08/02/2006 17:42	25116
Surr: Vinyl chloride-d3	98.6		49-138	%REC	1	08/02/2006 17:42	25116
Surr: Chloroethane-d5	103		60-126	%REC	1	08/02/2006 17:42	25116
Surr: 1,1-Dichloroethene-d2	84.7		65-130	%REC	1	08/02/2006 17:42	25116
Surr: 2-Butanone-d5	101		42-171	%REC	1	08/02/2006 17:42	25116
Surr: Chloroform-d	99.6		80-123	%REC	1	08/02/2006 17:42	25116
Surr: 1,2-Dichloroethane-d4	108		78-129	%REC	1	08/02/2006 17:42	25116
Surr: Benzene-d6	99.2		78-121	%REC	1	08/02/2006 17:42	25116
Surr: 1,2-Dichloropropane-d6	88.9		84-123	%REC	1	08/02/2006 17:42	25116
Surr: Toluene-d8	97.2		77-120	%REC	1	08/02/2006 17:42	25116
Surr: trans-1,3-Dichloropropene-d4	98.1		80-128	%REC	1	08/02/2006 17:42	25116
Surr: 2-Hexanone-d5	90.8		37-169	%REC	1	08/02/2006 17:42	25116
Surr: Bromoform-d	113		76-135	%REC	1	08/02/2006 17:42	25116
Surr: 1,1,2,2-Tetrachloroethane-d2	102		75-131	%REC	1	08/02/2006 17:42	25116
Surr: 1,2-Dichlorobenzene-d4	102		50-150	%REC	1	08/02/2006 17:42	25116

Qualifiers: ND - Not Detected at the Reporting Limit
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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: E1125

Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID	MB-25047	SampType: MBLK	TestCode: OLC3.2_VOA	Prep Date: 07/30/2006	Run ID: V2_060730A				
Client ID:	MB-25047	Batch ID: 25047	Units: µg/L	Analysis Date: 07/30/2006	SeqNo: 525016				
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	5.164	0.50	5.000	0	103	49	138	0	0
Surr: Chloroethane-d5	5.379	0.50	5.000	0	108	60	126	0	0
Surr: 1,1-Dichloroethene-d2	4.429	0.50	5.000	0	88.6	65	130	0	0
Surr: 2-Butanone-d5	5.281	5.0	5.000	0	106	42	171	0	0
Surr: Chloroform-d	5.027	0.50	5.000	0	101	80	123	0	0
Surr: 1,2-Dichloroethane-d4	5.381	0.50	5.000	0	108	78	129	0	0
Surr: Benzene-d6	5.326	0.50	5.000	0	107	78	121	0	0
Surr: 1,2-Dichloropropane-d6	4.951	0.50	5.000	0	99.0	84	123	0	0
Surr: Toluene-d8	5.408	0.50	5.000	0	108	77	120	0	0
Surr: trans-1,3-Dichloropropene-d4	5.285	0.50	5.000	0	106	80	128	0	0
Surr: 2-Hexanone-d5	4.167	5.0	5.000	0	83.3	37	169	0	0
Surr: Bromoform-d	6.470	0.50	5.000	0	129	76	135	0	0
Surr: 1,1,2,2-Tetrachloroethane-d2	5.471	0.50	5.000	0	109	75	131	0	0
Surr: 1,2-Dichlorobenzene-d4	5.859	0.50	5.000	0	117	50	150	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: E1125
 Project: NOW Corp. Site

TestCode: OLC3.2_VOA

Sample ID	MB-25116	SampType:	MBLK	TestCode:	OLC3.2_VOA	Prep Date:	08/02/2006	Run ID:	V2_060802A		
Client ID:	MB-25116	Batch ID:	25116	Units:	µg/L	Analysis Date:	08/02/2006	SeqNo:	525058		
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									
m,p-Xylene	ND	0.50									
o-Xylene	ND	0.50									
Surr: Vinyl chloride-d3	4.744	0.50	5.000	0	94.9	49	138	0	0		
Surr: Chloroethane-d5	4.869	0.50	5.000	0	97.4	60	126	0	0		
Surr: 1,1-Dichloroethene-d2	4.052	0.50	5.000	0	81.0	65	130	0	0		
Surr: 2-Butanone-d5	5.477	5.0	5.000	0	110	42	171	0	0		
Surr: Chloroform-d	4.604	0.50	5.000	0	92.1	80	123	0	0		
Surr: 1,2-Dichloroethane-d4	5.157	0.50	5.000	0	103	78	129	0	0		
Surr: Benzene-d6	4.809	0.50	5.000	0	96.2	78	121	0	0		
Surr: 1,2-Dichloropropane-d6	4.236	0.50	5.000	0	84.7	84	123	0	0		
Surr: Toluene-d8	4.735	0.50	5.000	0	94.7	77	120	0	0		
Surr: trans-1,3-Dichloropropene-d4	4.730	0.50	5.000	0	94.6	80	128	0	0		
Surr: 2-Hexanone-d5	4.486	5.0	5.000	0	89.7	37	169	0	0		
Surr: Bromoform-d	5.172	0.50	5.000	0	103	76	135	0	0		
Surr: 1,1,2,2-Tetrachloroethane-d2	4.744	0.50	5.000	0	94.9	75	131	0	0		
Surr: 1,2-Dichlorobenzene-d4	4.822	0.50	5.000	0	96.4	50	150	0	0		

Mitkem Corporation

Date: 15-Aug-06

Client: Earth Tech

Client Sample ID: EFF

Lab ID: E1125-01

Project: NOW Corp. Site

Collection Date: 07/27/06 10:40

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM				E1664			
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	08/15/2006 00:00	25329

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: 15-Aug-06

Client: Earth Tech
Client Sample ID: INF
Lab ID: E1125-02

Project: NOW Corp. Site
Collection Date: 07/27/06 11:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM				E1664			
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	08/15/2006 00:00	25329

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

Project: NOW Corp. Site										
Sample ID	MB-25329	SampType: MBLK	TestCode: E1664	Prep Date: 08/15/2006	Run ID: MANUAL_060815A					
Client ID:	MB-25329	Batch ID: 25329	Units: mg/L	Analysis Date: 08/15/2006	SeqNo: 527809					
Analyte			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val %RPD RPDLimit Qual
Oil & Grease, Total Recoverable										
			ND		5.0					
Sample ID	LCS-25329	SampType: LCS	TestCode: E1664	Prep Date: 08/15/2006	Run ID: MANUAL_060815A					
Client ID:	LCS-25329	Batch ID: 25329	Units: mg/L	Analysis Date: 08/15/2006	SeqNo: 527810					
Analyte			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val %RPD RPDLimit Qual
Oil & Grease, Total Recoverable										
			38.00		5.0	40.00	0	95.0	62.9	117 0 0
Sample ID	LCSD-25329	SampType: LCSD	TestCode: E1664	Prep Date: 08/15/2006	Run ID: MANUAL_060815A					
Client ID:	LCSD-25329	Batch ID: 25329	Units: mg/L	Analysis Date: 08/15/2006	SeqNo: 527811					
Analyte			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val %RPD RPDLimit Qual
Oil & Grease, Total Recoverable										
			36.50		5.0	40.00	0	91.3	62.9	117 38.00 4.03 25

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: 17-Aug-06

Client: Earth Tech
Client Sample ID: EFF
Lab ID: E1125-01

Project: NOW Corp. Site
Collection Date: 07/27/06 10:40

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP							
				SW6010B_W			
Aluminum	ND		200	µg/L	1	08/01/2006 20:47	25064
Arsenic	ND		20	µg/L	1	08/01/2006 20:47	25064
Barium	ND		200	µg/L	1	08/01/2006 20:47	25064
Chromium	ND		20	µg/L	1	08/01/2006 20:47	25064
Copper	ND		30	µg/L	1	08/01/2006 20:47	25064
Iron	ND		200	µg/L	1	08/01/2006 20:47	25064
Manganese	110		50	µg/L	1	08/01/2006 20:47	25064
Nickel	ND		50	µg/L	1	08/01/2006 20:47	25064
Zinc	ND		50	µg/L	1	08/01/2006 20:47	25064
MERCURY BY FIA							
				SW7470A			
Mercury	ND		0.28	µg/L	1	07/31/2006 19:51	25066
TOTAL DISSOLVED SOLIDS							
				SM2540_TDS			
Total Dissolved Solids	260		10	mg/L	1	08/01/2006 12:55	25088
TOTAL SUSPENDED SOLIDS							
				SM2540_TSS			
Total Suspended Solids	ND		10	mg/L	1	08/01/2006 11:00	25086
TOTAL CYANIDE							
				SW9012B_W			
Cyanide	ND		20	µg/L	1	08/02/2006 10:09	25079

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: 17-Aug-06

Client: Earth Tech
Client Sample ID: INF
Lab ID: E1125-02

Project: NOW Corp. Site
Collection Date: 07/27/06 11:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP			SW6010B_W				
Aluminum	ND		200	µg/L	1	08/01/2006 20:50	25064
Arsenic	ND		20	µg/L	1	08/01/2006 20:50	25064
Barium	ND		200	µg/L	1	08/01/2006 20:50	25064
Chromium	ND		20	µg/L	1	08/01/2006 20:50	25064
Copper	ND		30	µg/L	1	08/01/2006 20:50	25064
Iron	ND		200	µg/L	1	08/01/2006 20:50	25064
Manganese	150		50	µg/L	1	08/01/2006 20:50	25064
Nickel	ND		50	µg/L	1	08/01/2006 20:50	25064
Zinc	ND		50	µg/L	1	08/01/2006 20:50	25064
MERCURY BY FIA			SW7470A				
Mercury	ND		0.28	µg/L	1	07/31/2006 19:53	25066
TOTAL DISSOLVED SOLIDS			SM2540_TDS				
Total Dissolved Solids	280		10	mg/L	1	08/01/2006 12:55	25088
TOTAL SUSPENDED SOLIDS			SM2540_TSS				
Total Suspended Solids	ND		10	mg/L	1	08/01/2006 11:00	25086
TOTAL CYANIDE			SW9012B_W				
Cyanide	ND		20	µg/L	1	08/02/2006 10:21	25079

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: E1125
 Project: NOW Corp. Site

TestCode: SW6010B_W

Sample ID: MB-25064 SampType: MBLK TestCode: SW6010B_W Prep Date: 7/31/06 Run ID: OPTIMA3_060801A
 Client ID: MB-25064 Batch ID: 25064 Units: µg/L Analysis Date: 8/1/06 SeqNo: 523341

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-25064		SampType: LCS		TestCode: SW6010B_W		Prep Date: 7/31/06		Run ID: OPTIMA3_060801A			
Client ID: LCS-25064		Batch ID: 25064		Units: µg/L		Analysis Date: 8/1/06		SeqNo: 523342			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	9421	200	9100	0	104	80	120	0	0	0	
Arsenic	501.7	20	455.0	0	110	80	120	0	0	0	
Barium	10020	200	9100	0	110	80	120	0	0	0	
Chromium	965.4	20	910.0	0	106	80	120	0	0	0	
Copper	1204	30	1130	0	107	80	120	0	0	0	
Iron	4794	200	4550	0	105	80	120	0	0	0	
Manganese	2476	50	2270	0	109	80	120	0	0	0	
Nickel	2435	50	2270	0	107	80	120	0	0	0	
Zinc	2431	50	2270	0	107	80	120	0	0	0	

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
 Work Order: E1125
 Project: NOW Corp. Site

TestCode: SW7470A

Project: New Comp												
Sample ID: MB-25066	SampType: MBLK	TestCode: SW7470A	Prep Date: 7/31/06	Run ID: FIMS1_060731A								
Client ID: MB-25066	Batch ID: 25066	Units: µg/L	Analysis Date: 7/31/06	SeqNo: 521399								
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		ND		0.20								
Sample ID: LCS-25066	SampType: LCS	TestCode: SW7470A	Prep Date: 7/31/06	Run ID: FIMS1_060731A								
Client ID: LCS-25066	Batch ID: 25066	Units: µg/L	Analysis Date: 7/31/06	SeqNo: 521400								
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		4.382		0.20	4.550	0	96.3	67.3	120	0	0	

Mitek Corporation

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
Work Order: E1125
Project: NOW Corp. Site
TestCode: SM2540_TDS

Sample ID: MB-25088	SampType: MBLK	TestCode: SM2540_TDS	Prep Date: 8/1/06	Run ID: MANUAL_060801A
Client ID: MB-25088	Batch ID: 25088	Units: mg/L	Analysis Date: 8/1/06	SeqNo: 522605
Analyte	Result	PQL	SPK value	SPK Ref Val
	ND	10		RPD Ref Val
				%RPD RPDLimit
				Qual

Sample ID: LCS-25088	SampType: LCS	TestCode: SM2540_TDS	Prep Date: 8/1/06	Run ID: MANUAL_060801A
Client ID: LCS-25088	Batch ID: 25088	Units: mg/L	Analysis Date: 8/1/06	SeqNo: 522604
Analyte	Result	PQL	SPK value	SPK Ref Val
	259.0	10	256.0	101
				81.5
				116
				0
				0

Total Dissolved Solids

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
 Work Order: E1125
 Project: NOW Corp. Site

TestCode: SM2540_TSS

Sample ID: MB-25086	SampType: MBLK	TestCode: SM2540_TSS	Prep Date: 8/1/06	Run ID: MANUAL_060801B
Client ID: MB-25086	Batch ID: 25086	Units: mg/L	Analysis Date: 8/1/06	SeqNo: 522615
Analyte	Result	PQL	SPK Ref Val	RPD Ref Val
	ND	10		
Total Suspended Solids				
Sample ID: LCS-25086	SampType: LCS	TestCode: SM2540_TSS	Prep Date: 8/1/06	Run ID: MANUAL_060801B
Client ID: LCS-25086	Batch ID: 25086	Units: mg/L	Analysis Date: 8/1/06	SeqNo: 522614
Analyte	Result	PQL	SPK Ref Val	RPD Ref Val
	38.00	10	0	0
Total Suspended Solids				
	37.40		102	0
			73.2	116
				0
				0

ANALYTICAL QC SUMMARY REPORT

CLIENT: Earth Tech
 Work Order: E1125
 Project: NOW Corp. Site

TestCode: SW9012B_W

Sample ID: MB-25079	SampType: MBLK	TestCode: SW9012B_W	Prep Date: 8/1/06	Run ID: LACHAT1_060802A
Client ID: MB-25079	Batch ID: 25079	Units: µg/L	Analysis Date: 8/2/06	SeqNo: 522709
Analyte	Result	PQL	SPK value	SPK Ref Val
Cyanide	ND	20		%RPD RPDLimit Qual

Sample ID: LCS-25079	SampType: LCS	TestCode: SW9012B_W	Prep Date: 8/1/06	Run ID: LACHAT1_060802A
Client ID: LCS-25079	Batch ID: 25079	Units: µg/L	Analysis Date: 8/2/06	SeqNo: 522710
Analyte	Result	PQL	SPK value	SPK Ref Val
Cyanide	95.29	20	100.0	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Sample ID: E1125-01FMS	SampType: MS	TestCode: SW9012B_W	Prep Date: 8/1/06	Run ID: LACHAT1_060802A
Client ID: EFF	Batch ID: 25079	Units: µg/L	Analysis Date: 8/2/06	SeqNo: 522713
Analyte	Result	PQL	SPK value	SPK Ref Val
Cyanide	103.2	20	100.0	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Sample ID: E1125-01FDUP	SampType: DUP	TestCode: SW9012B_W	Prep Date: 8/1/06	Run ID: LACHAT1_060802A
Client ID: EFF	Batch ID: 25079	Units: µg/L	Analysis Date: 8/2/06	SeqNo: 522712
Analyte	Result	PQL	SPK value	SPK Ref Val
Cyanide	ND	20	0	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Mitkem Corporation

17/Aug/06 14:03

WorkOrder: E1125

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 55849.01

Report Level: LEVEL 2

EDD:

HC Due: 08/18/06

Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E1125-01A	EFF	07/27/2006 10:40	07/28/2006	Aqueous	OLC3.2_VOA		☐	☐	☒	VOA
E1125-01B	EFF	07/27/2006 10:40	07/28/2006	Aqueous	SW6010B_W	See SEL list	☐	☐	☒	M6
					SW7470A	See SEL list	☐	☐	☐	M6
E1125-01C	EFF	07/27/2006 10:40	07/28/2006	Aqueous	SM2540_TDS		☐	☐	☐	F1
E1125-01D	EFF	07/27/2006 10:40	07/28/2006	Aqueous	SM2540_TSS		☐	☐	☐	F1
E1125-01E	EFF	07/27/2006 10:40	07/28/2006	Aqueous	E1664		☐	☐	☐	F1
E1125-01F	EFF	07/27/2006 10:40	07/28/2006	Aqueous	SW9012B_W		☐	☐	☐	F1
E1125-02A	INF	07/27/2006 11:05	07/28/2006	Aqueous	OLC3.2_VOA		☐	☐	☒	VOA
E1125-02B	INF	07/27/2006 11:05	07/28/2006	Aqueous	SW6010B_W	See SEL list	☐	☐	☒	M6
					SW7470A	See SEL list	☐	☐	☐	M6
E1125-02C	INF	07/27/2006 11:05	07/28/2006	Aqueous	SM2540_TDS		☐	☐	☐	F1

Client Rep: Edward A Lawler

Client ID: EARTH_NY

Project: NOW Corp. Site

Location:

Comments: N/A

Case:

SDG:

PO: 55849.01

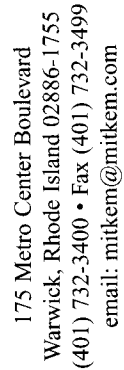
Report Level: LEVEL 2

EDD:

HC Due: 08/18/06

Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Rec'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E1125-02D	INF	07/27/2006 11:05	07/28/2006	Aqueous	SM2540_TSS		☐	☐	☐	FI
E1125-02E	INF	07/27/2006 11:05	07/28/2006	Aqueous	E1664		☐	☐	☐	FI
E1125-02F	INF	07/27/2006 11:05	07/28/2006	Aqueous	SW9012B_W		☐	☐	☐	FI
E1125-03A	TW-1	07/27/2006 11:20	07/28/2006	Aqueous	OLC3.2_VOA		☐	☐	☒	VOA
E1125-04A	TW-2A	07/27/2006 11:25	07/28/2006	Aqueous	OLC3.2_VOA		☐	☐	☒	VOA
E1125-05A	TW-3	07/27/2006 11:30	07/28/2006	Aqueous	OLC3.2_VOA		☐	☐	☒	VOA
E1125-06A	TRIP BLANK	07/27/2006 10:42	07/28/2006	Aqueous	OLC3.2_VOA		☐	☐	☒	VOA



CHAIN-OF-CUSTODY RECORD

REPORT TO				INVOICE TO										
COMPANY	NAME	ADDRESS	CITY/ST/ZIP	COMPANY	NAME	ADDRESS	CITY/ST/ZIP							
EARTH TECH	STEVE CHOINIERE	40 BRITISH AMERICAN BLVD.	LATHAM, NY 12110	SAME										
PHONE: 518-951-2200	FAX: 518-951-2308			PHONE	FAX									
CLIENT PROJECT NAME: Now Corp.				LAB PROJECT #: E1125										
CLIENT PROJECT #: 94017.02				TURNAROUND TIME:										
CLIENT PO.#: 558477														
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES				COMMENTS	
EFF 7-27-06	7-27-06/10:40		X	X			01	7	X	X	X	X	X	
INF 7-27-06	7-27-06/11:05						02	7	X	X	X	X	X	
TW-1	11:20						03	2	X					
TW-2A	11:25						04	2	X					
TW-3	11:30						05	2	X					
TRIP BLANK	1042						06	2	X					
	/													
	/													
	/													
	/													
	/													
	/													
	/													
	/													
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:				COOLER TEMP:					
	Roger Gray	7-27-06/1:30	Ken Smith	11/28/06/9:15	METALS: AL, AS, BA, CR, CU, FE, MN, HG, ZN, N.				-10					
		/		/										
		/		/										

W

PINK: CLIENT'S COPY

YELLOW: REPORT COPY

WHITE • LABORATORY COPY