Operation, Maintenance and Monitoring Report
October 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

EarthTech
A tyco International Ltd. Company

40 British American Blvd.
Latham, NY
12110

P 518.951.2200
F 518.951.2300
earthtech.com

December 6, 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 – "October" 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 35-day period (**September 19, 2006 – October 24, 2006**).

With the exceptions noted below (if any), the P&T system was online and operational throughout the reporting period. Approximately 769,700 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 22,000 gallons per day (gpd). During the prior reporting period, the average discharge was only 16,000 gpd.

As of the last day of the reporting period, a total of 55,241,600 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 October 24, 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 September 19th service visit was described in the previous report. Details for this reporting period follow:

October 24th – Monthly system inspection and sampling. The effluent flow meter was cleaned. In addition, after removing the covers on the two dual-phase recovery wells, PID readings were taken at TW-1 (1.1 ppm) and TW-2A (18.7 ppm). This information had previously been reported to you via email on October 25, 2006.

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: October 24, 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		
Quantity treated, per day		**21,991**				Monitor	gpd
pH	**6.8**	**7.1**	NA	NA	NA	6.5 to 8.5	standard units
Oil and Grease	<5	<5	NA	NA	NA	15	mg/L
Total Cyanide	<10	<10	NA	NA	NA	10	ug/L
TDS	**310**	**270**	NA	NA	NA	1000	mg/L
TSS	<10	<10	NA	NA	NA	50	mg/L
Aluminum, Total	<100	<100	NA	NA	NA	2000	ug/L
Arsenic, Total	<10	<10	NA	NA	NA	50	ug/L
Barium, Total	<100	<100	NA	NA	NA	2000	ug/L
Chromium	<10	<10	NA	NA	NA	100	ug/L
Copper	<13	<13	NA	NA	NA	24	ug/L
Iron	<100	<100	NA	NA	NA	600	ug/L
Mercury	<0.20	<0.20	NA	NA	NA	0.8	ug/L
Manganese	**190**	**120**	NA	NA	NA	600	ug/L
Nickel	<25	<25	NA	NA	NA	200	ug/L
Zinc	<25	<25	NA	NA	NA	150	ug/L
1,1,1-Trichloroethane	**660**	<0.5	**2.0 J**	**760**	**34 D**	5	ug/L
1,1,2-Trichloroethane	<20	<0.5	<2.5	<40	<0.5	1.2	ug/L
1,1-Dichloroethane	**160**	<0.5	**59**	**180**	**22**	5	ug/L
1,1-Dichloroethene	**20**	<0.5	**11**	<40	**2.2**	0.5	ug/L
1,2-Dichloroethane	<20	<0.5	<2.5	<40	<0.5	1.6	ug/L
Benzene	<20	<0.5	<2.5	<40	<0.5	0.8	ug/L
Chlorobenzene	<20	<0.5	<2.5	<40	<0.5	5	ug/L
Chloroethane	<20	<0.5	<2.5	<40	<0.5	5	ug/L
cis-1,2-Dichloroethene	**13 J**	<0.5	**2.2 J**	<40	**0.46 J**	5	ug/L
Ethylbenzene	<20	<0.5	<2.5	<40	<0.5	5	ug/L
Methyl tert-butyl ether	<20	<0.5	<2.5	<40	<0.5	5	ug/L
o-Xylene	<20	<0.5	<2.5	<40	<0.5	5	ug/L
p&m-Xylene	<20	<0.5	<2.5	<40	<0.5	10	ug/L
Tetrachloroethene	<20	<0.5	<2.5	<40	<0.5	1.4	ug/L
Toluene	<20	<0.5	<2.5	<40	<0.5	5	ug/L
trans-1,2-Dichloroethene	<20	<0.5	<2.5	<40	<0.5	5	ug/L
Trichloroethene	**410**	<0.5	**33**	**470**	**23**	5	ug/L
Vinyl Chloride	<20	<0.5	<2.5	<40	<0.5	0.6	ug/L

Notes:

1) Detected concentrations are presented in ***bold*** *typeface, and are expressed in the units shown in far right column.*

2) Effluent concentration boxed in ***bold*** *denotes exceedance of effluent limitations.*

3) NA indicates not analyzed.

*4) "**J**" indicates an estimated concentration below the method detection limit.*

*5) "**D**" denotes analytical result for a diluted sample.*

Table 2
Summary of October 2006 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		10/24/06	Units
TW-1			
	Pumping Rate	1	GPM
	Water Level Above Transducer	35.47	feet
	Flow Meter Reading	**3,677,600**	gallons
	Pump Pressure	82	psi
TW-2A			
	Pumping Rate	11	GPM
	Water Level Above Transducer	27.66	feet
	Flow Meter Reading	**8,134,200**	gallons
	Pump Pressure	27	psi
TW-3			
	Pumping Rate	3	GPM
	Water Level Above Transducer	36.00	feet
	Flow Meter Reading	**3,238,700**	gallons
	Pump Pressure	73	psi
Air Stripper			
	Stripper Blower Pressure	19	inches H_2O
	Air Temperature in Stripper	49	°F
	Pressure Gauge - Left Leg	0.9	inches H_2O
	Pressure Gauge - Right Leg	0.3	inches H_2O
	Pressure/Vacuum on the Stripper	-	inches H_2O
Effluent Flow			
	Total System Meter Reading	**Note below**	gallons
	IW-1 Flow Meter Reading	-	gallons
	IW-2 Flow Meter Reading	-	gallons
Vapor Extraction System			
	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

Total system flow meter is currently inoperative. Value in Table 1 is derived from individual flow meter readings shown in bold above and in the previous month's report.

INFLUENT & EFFLUENT WATER ANALYTICAL REPORT

MITKEM CORPORATION

Client: Earth Tech

Client Project: NOW Corp, 55849.01, 10/06

Lab Work Order: E1653

Date samples received: 10/25/06

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech on October 23, 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 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. Laboratory control samples are not normally analyzed as a part of the OLC03.2 method, but an LCS for a limited list of analytes was performed for another project. Percent recoveries were within the QC limits. Due to elevated concentrations of target analytes, the following samples were initially analyzed at dilution: INF 10/06 (40X), TW-1 (5X), TW-2A (80X), and TW-3 (2X).

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. Duplicate and matrix spike analyses were performed for metals sample INF 10/06 and duplicate analyses were performed for total dissolved solids and total suspended solids on sample EFF 10/06. 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".

MITKEM CORPORATION

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

Edward A. Lawler
Laboratory Operations Manager

Mitkem Corporation

Date: *14-Nov-06*

Client: Earth Tech
Client Sample ID: EFF 10/06
Lab ID: E1653-01

Project: NOW Corp. Site
Collection Date: 10/24/06 11:00

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	10/26/2006 17:46	26678
Chloroethane	ND		0.50	µg/L	1	10/26/2006 17:46	26678
1,1-Dichloroethene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Methyl tert-butyl ether	ND		0.50	µg/L	1	10/26/2006 17:46	26678
1,1-Dichloroethane	ND		0.50	µg/L	1	10/26/2006 17:46	26678
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
1,1,1-Trichloroethane	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Benzene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
1,2-Dichloroethane	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Trichloroethene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Toluene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
1,1,2-Trichloroethane	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Tetrachloroethene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Chlorobenzene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Ethylbenzene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
m,p-Xylene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
o-Xylene	ND		0.50	µg/L	1	10/26/2006 17:46	26678
Surr: Vinyl chloride-d3	95.1		49-138	%REC	1	10/26/2006 17:46	26678
Surr: Chloroethane-d5	105		60-126	%REC	1	10/26/2006 17:46	26678
Surr: 1,1-Dichloroethene-d2	82.2		65-130	%REC	1	10/26/2006 17:46	26678
Surr: 2-Butanone-d5	79.1		42-171	%REC	1	10/26/2006 17:46	26678
Surr: Chloroform-d	98.0		80-123	%REC	1	10/26/2006 17:46	26678
Surr: 1,2-Dichloroethane-d4	113		78-129	%REC	1	10/26/2006 17:46	26678
Surr: Benzene-d6	97.4		78-121	%REC	1	10/26/2006 17:46	26678
Surr: 1,2-Dichloropropane-d6	103		84-123	%REC	1	10/26/2006 17:46	26678
Surr: Toluene-d8	95.2		77-120	%REC	1	10/26/2006 17:46	26678
Surr: trans-1,3-Dichloropropene-d4	107		80-128	%REC	1	10/26/2006 17:46	26678
Surr: 2-Hexanone-d5	59.1		37-169	%REC	1	10/26/2006 17:46	26678
Surr: Bromoform-d	115		76-135	%REC	1	10/26/2006 17:46	26678
Surr: 1,1,2,2-Tetrachloroethane-d2	108		75-131	%REC	1	10/26/2006 17:46	26678
Surr: 1,2-Dichlorobenzene-d4	104		50-150	%REC	1	10/26/2006 17:46	26678

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

Client: Earth Tech
Client Sample ID: INF 10/06
Lab ID: E1653-02

Project: NOW Corp. Site
Collection Date: 10/24/06 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS				**OLC3.2_VOA**			
Vinyl chloride	ND		20	µg/L	40	10/26/2006 19:17	26678
Chloroethane	ND		20	µg/L	40	10/26/2006 19:17	26678
1,1-Dichloroethene	20		20	µg/L	40	10/26/2006 19:17	26678
trans-1,2-Dichloroethene	ND		20	µg/L	40	10/26/2006 19:17	26678
Methyl tert-butyl ether	ND		20	µg/L	40	10/26/2006 19:17	26678
1,1-Dichloroethane	160		20	µg/L	40	10/26/2006 19:17	26678
cis-1,2-Dichloroethene	13	J	20	µg/L	40	10/26/2006 19:17	26678
1,1,1-Trichloroethane	660		20	µg/L	40	10/26/2006 19:17	26678
Benzene	ND		20	µg/L	40	10/26/2006 19:17	26678
1,2-Dichloroethane	ND		20	µg/L	40	10/26/2006 19:17	26678
Trichloroethene	410		20	µg/L	40	10/26/2006 19:17	26678
Toluene	ND		20	µg/L	40	10/26/2006 19:17	26678
1,1,2-Trichloroethane	ND		20	µg/L	40	10/26/2006 19:17	26678
Tetrachloroethene	ND		20	µg/L	40	10/26/2006 19:17	26678
Chlorobenzene	ND		20	µg/L	40	10/26/2006 19:17	26678
Ethylbenzene	ND		20	µg/L	40	10/26/2006 19:17	26678
m,p-Xylene	ND		20	µg/L	40	10/26/2006 19:17	26678
o-Xylene	ND		20	µg/L	40	10/26/2006 19:17	26678
Surr: Vinyl chloride-d3	101		49-138	%REC	40	10/26/2006 19:17	26678
Surr: Chloroethane-d5	113		60-126	%REC	40	10/26/2006 19:17	26678
Surr: 1,1-Dichloroethene-d2	88.8		65-130	%REC	40	10/26/2006 19:17	26678
Surr: 2-Butanone-d5	78.2		42-171	%REC	40	10/26/2006 19:17	26678
Surr: Chloroform-d	99.3		80-123	%REC	40	10/26/2006 19:17	26678
Surr: 1,2-Dichloroethane-d4	115		78-129	%REC	40	10/26/2006 19:17	26678
Surr: Benzene-d6	102		78-121	%REC	40	10/26/2006 19:17	26678
Surr: 1,2-Dichloropropane-d6	104		84-123	%REC	40	10/26/2006 19:17	26678
Surr: Toluene-d8	99.4		77-120	%REC	40	10/26/2006 19:17	26678
Surr: trans-1,3-Dichloropropene-d4	107		80-128	%REC	40	10/26/2006 19:17	26678
Surr: 2-Hexanone-d5	52.8		37-169	%REC	40	10/26/2006 19:17	26678
Surr: Bromoform-d	113		76-135	%REC	40	10/26/2006 19:17	26678
Surr: 1,1,2,2-Tetrachloroethane-d2	104		75-131	%REC	40	10/26/2006 19:17	26678
Surr: 1,2-Dichlorobenzene-d4	107		50-150	%REC	40	10/26/2006 19:17	26678

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

Client: Earth Tech
Client Sample ID: TW-1
Lab ID: E1653-03

Project: NOW Corp. Site
Collection Date: 10/24/06 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		2.5	µg/L	5	10/26/2006 18:47	26678
Chloroethane	ND		2.5	µg/L	5	10/26/2006 18:47	26678
1,1-Dichloroethene	11		2.5	µg/L	5	10/26/2006 18:47	26678
trans-1,2-Dichloroethene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
Methyl tert-butyl ether	ND		2.5	µg/L	5	10/26/2006 18:47	26678
1,1-Dichloroethane	59		2.5	µg/L	5	10/26/2006 18:47	26678
cis-1,2-Dichloroethene	2.2	J	2.5	µg/L	5	10/26/2006 18:47	26678
1,1,1-Trichloroethane	2.0	J	2.5	µg/L	5	10/26/2006 18:47	26678
Benzene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
1,2-Dichloroethane	ND		2.5	µg/L	5	10/26/2006 18:47	26678
Trichloroethene	33		2.5	µg/L	5	10/26/2006 18:47	26678
Toluene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
1,1,2-Trichloroethane	ND		2.5	µg/L	5	10/26/2006 18:47	26678
Tetrachloroethene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
Chlorobenzene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
Ethylbenzene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
m,p-Xylene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
o-Xylene	ND		2.5	µg/L	5	10/26/2006 18:47	26678
Surr: Vinyl chloride-d3	102		49-138	%REC	5	10/26/2006 18:47	26678
Surr: Chloroethane-d5	113		60-126	%REC	5	10/26/2006 18:47	26678
Surr: 1,1-Dichloroethene-d2	95.2		65-130	%REC	5	10/26/2006 18:47	26678
Surr: 2-Butanone-d5	82.6		42-171	%REC	5	10/26/2006 18:47	26678
Surr: Chloroform-d	103		80-123	%REC	5	10/26/2006 18:47	26678
Surr: 1,2-Dichloroethane-d4	122		78-129	%REC	5	10/26/2006 18:47	26678
Surr: Benzene-d6	99.5		78-121	%REC	5	10/26/2006 18:47	26678
Surr: 1,2-Dichloropropane-d6	107		84-123	%REC	5	10/26/2006 18:47	26678
Surr: Toluene-d8	101		77-120	%REC	5	10/26/2006 18:47	26678
Surr: trans-1,3-Dichloropropene-d4	107		80-128	%REC	5	10/26/2006 18:47	26678
Surr: 2-Hexanone-d5	55.7		37-169	%REC	5	10/26/2006 18:47	26678
Surr: Bromoform-d	112		76-135	%REC	5	10/26/2006 18:47	26678
Surr: 1,1,2,2-Tetrachloroethane-d2	101		75-131	%REC	5	10/26/2006 18:47	26678
Surr: 1,2-Dichlorobenzene-d4	102		50-150	%REC	5	10/26/2006 18:47	26678

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

Client: Earth Tech
Client Sample ID: TW-2A
Lab ID: E1653-04

Project: NOW Corp. Site
Collection Date: 10/24/06 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		40	µg/L	80	10/26/2006 20:18	26678
Chloroethane	ND		40	µg/L	80	10/26/2006 20:18	26678
1,1-Dichloroethene	ND		40	µg/L	80	10/26/2006 20:18	26678
trans-1,2-Dichloroethene	ND		40	µg/L	80	10/26/2006 20:18	26678
Methyl tert-butyl ether	ND		40	µg/L	80	10/26/2006 20:18	26678
1,1-Dichloroethane	180		40	µg/L	80	10/26/2006 20:18	26678
cis-1,2-Dichloroethene	ND		40	µg/L	80	10/26/2006 20:18	26678
1,1,1-Trichloroethane	760		40	µg/L	80	10/26/2006 20:18	26678
Benzene	ND		40	µg/L	80	10/26/2006 20:18	26678
1,2-Dichloroethane	ND		40	µg/L	80	10/26/2006 20:18	26678
Trichloroethene	470		40	µg/L	80	10/26/2006 20:18	26678
Toluene	ND		40	µg/L	80	10/26/2006 20:18	26678
1,1,2-Trichloroethane	ND		40	µg/L	80	10/26/2006 20:18	26678
Tetrachloroethene	ND		40	µg/L	80	10/26/2006 20:18	26678
Chlorobenzene	ND		40	µg/L	80	10/26/2006 20:18	26678
Ethylbenzene	ND		40	µg/L	80	10/26/2006 20:18	26678
m,p-Xylene	ND		40	µg/L	80	10/26/2006 20:18	26678
o-Xylene	ND		40	µg/L	80	10/26/2006 20:18	26678
Surr: Vinyl chloride-d3	105		49-138	%REC	80	10/26/2006 20:18	26678
Surr: Chloroethane-d5	112		60-126	%REC	80	10/26/2006 20:18	26678
Surr: 1,1-Dichloroethene-d2	92.0		65-130	%REC	80	10/26/2006 20:18	26678
Surr: 2-Butanone-d5	83.2		42-171	%REC	80	10/26/2006 20:18	26678
Surr: Chloroform-d	104		80-123	%REC	80	10/26/2006 20:18	26678
Surr: 1,2-Dichloroethane-d4	119		78-129	%REC	80	10/26/2006 20:18	26678
Surr: Benzene-d6	105		78-121	%REC	80	10/26/2006 20:18	26678
Surr: 1,2-Dichloropropane-d6	111		84-123	%REC	80	10/26/2006 20:18	26678
Surr: Toluene-d8	100		77-120	%REC	80	10/26/2006 20:18	26678
Surr: trans-1,3-Dichloropropene-d4	109		80-128	%REC	80	10/26/2006 20:18	26678
Surr: 2-Hexanone-d5	51.5		37-169	%REC	80	10/26/2006 20:18	26678
Surr: Bromoform-d	114		76-135	%REC	80	10/26/2006 20:18	26678
Surr: 1,1,2,2-Tetrachloroethane-d2	106		75-131	%REC	80	10/26/2006 20:18	26678
Surr: 1,2-Dichlorobenzene-d4	105		50-150	%REC	80	10/26/2006 20:18	26678

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

Client: Earth Tech
Client Sample ID: TW-3
Lab ID: E1653-05

Project: NOW Corp. Site
Collection Date: 10/24/06 11:35

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	10/26/2006 18:16	26678
Chloroethane	ND		0.50	µg/L	1	10/26/2006 18:16	26678
1,1-Dichloroethene	2.2		0.50	µg/L	1	10/26/2006 18:16	26678
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
Methyl tert-butyl ether	ND		0.50	µg/L	1	10/26/2006 18:16	26678
1,1-Dichloroethane	22		0.50	µg/L	1	10/26/2006 18:16	26678
cis-1,2-Dichloroethene	0.46	J	0.50	µg/L	1	10/26/2006 18:16	26678
1,1,1-Trichloroethane	28	E	0.50	µg/L	1	10/26/2006 18:16	26678
Benzene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
1,2-Dichloroethane	ND		0.50	µg/L	1	10/26/2006 18:16	26678
Trichloroethene	23		0.50	µg/L	1	10/26/2006 18:16	26678
Toluene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
1,1,2-Trichloroethane	ND		0.50	µg/L	1	10/26/2006 18:16	26678
Tetrachloroethene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
Chlorobenzene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
Ethylbenzene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
m,p-Xylene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
o-Xylene	ND		0.50	µg/L	1	10/26/2006 18:16	26678
Surr: Vinyl chloride-d3	102		49-138	%REC	1	10/26/2006 18:16	26678
Surr: Chloroethane-d5	108		60-126	%REC	1	10/26/2006 18:16	26678
Surr: 1,1-Dichloroethene-d2	93.6		65-130	%REC	1	10/26/2006 18:16	26678
Surr: 2-Butanone-d5	80.7		42-171	%REC	1	10/26/2006 18:16	26678
Surr: Chloroform-d	100		80-123	%REC	1	10/26/2006 18:16	26678
Surr: 1,2-Dichloroethane-d4	117		78-129	%REC	1	10/26/2006 18:16	26678
Surr: Benzene-d6	99.7		78-121	%REC	1	10/26/2006 18:16	26678
Surr: 1,2-Dichloropropane-d6	106		84-123	%REC	1	10/26/2006 18:16	26678
Surr: Toluene-d8	98.3		77-120	%REC	1	10/26/2006 18:16	26678
Surr: trans-1,3-Dichloropropene-d4	111		80-128	%REC	1	10/26/2006 18:16	26678
Surr: 2-Hexanone-d5	59.0		37-169	%REC	1	10/26/2006 18:16	26678
Surr: Bromoform-d	115		76-135	%REC	1	10/26/2006 18:16	26678
Surr: 1,1,2,2-Tetrachloroethane-d2	104		75-131	%REC	1	10/26/2006 18:16	26678
Surr: 1,2-Dichlorobenzene-d4	109		50-150	%REC	1	10/26/2006 18:16	26678

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

Client: Earth Tech
Client Sample ID: TW-3
Lab ID: E1653-05

Project: NOW Corp. Site
Collection Date: 10/24/06 11:35

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS				**OLC3.2_VOA**			
Vinyl chloride	ND		1.0	µg/L	2	10/27/2006 13:30	26694
Chloroethane	ND		1.0	µg/L	2	10/27/2006 13:30	26694
1,1-Dichloroethene	2.7		1.0	µg/L	2	10/27/2006 13:30	26694
trans-1,2-Dichloroethene	ND		1.0	µg/L	2	10/27/2006 13:30	26694
Methyl tert-butyl ether	ND		1.0	µg/L	2	10/27/2006 13:30	26694
1,1-Dichloroethane	24		1.0	µg/L	2	10/27/2006 13:30	26694
cis-1,2-Dichloroethene	ND		1.0	µg/L	2	10/27/2006 13:30	26694
1,1,1-Trichloroethane	34		1.0	µg/L	2	10/27/2006 13:30	26694
Benzene	ND		1.0	µg/L	2	10/27/2006 13:30	26694
1,2-Dichloroethane	ND		1.0	µg/L	2	10/27/2006 13:30	26694
Trichloroethene	27		1.0	µg/L	2	10/27/2006 13:30	26694
Toluene	ND		1.0	µg/L	2	10/27/2006 13:30	26694
1,1,2-Trichloroethane	ND		1.0	µg/L	2	10/27/2006 13:30	26694
Tetrachloroethene	ND		1.0	µg/L	2	10/27/2006 13:30	26694
Chlorobenzene	ND		1.0	µg/L	2	10/27/2006 13:30	26694
Ethylbenzene	ND		1.0	µg/L	2	10/27/2006 13:30	26694
Surr: Vinyl chloride-d3	105		49-138	%REC	2	10/27/2006 13:30	26694
Surr: Chloroethane-d5	115		60-126	%REC	2	10/27/2006 13:30	26694
Surr: 1,1-Dichloroethene-d2	89.6		65-130	%REC	2	10/27/2006 13:30	26694
Surr: 2-Butanone-d5	93.3		42-171	%REC	2	10/27/2006 13:30	26694
Surr: Chloroform-d	92.1		80-123	%REC	2	10/27/2006 13:30	26694
Surr: 1,2-Dichloroethane-d4	99.6		78-129	%REC	2	10/27/2006 13:30	26694
Surr: Benzene-d6	102		78-121	%REC	2	10/27/2006 13:30	26694
Surr: 1,2-Dichloropropane-d6	108		84-123	%REC	2	10/27/2006 13:30	26694
Surr: Toluene-d8	101		77-120	%REC	2	10/27/2006 13:30	26694
Surr: trans-1,3-Dichloropropene-d4	102		80-128	%REC	2	10/27/2006 13:30	26694
Surr: 2-Hexanone-d5	65.1		37-169	%REC	2	10/27/2006 13:30	26694
Surr: Bromoform-d	117		76-135	%REC	2	10/27/2006 13:30	26694
Surr: 1,1,2,2-Tetrachloroethane-d2	96.8		75-131	%REC	2	10/27/2006 13:30	26694
Surr: 1,2-Dichlorobenzene-d4	107		50-150	%REC	2	10/27/2006 13:30	26694

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

Client: Earth Tech
Client Sample ID: TRIP BLANK
Lab ID: E1653-06

Project: NOW Corp. Site
Collection Date: 10/24/06 00:00

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	10/26/2006 19:48	26678
Chloroethane	ND		0.50	µg/L	1	10/26/2006 19:48	26678
1,1-Dichloroethene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Methyl tert-butyl ether	ND		0.50	µg/L	1	10/26/2006 19:48	26678
1,1-Dichloroethane	ND		0.50	µg/L	1	10/26/2006 19:48	26678
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
1,1,1-Trichloroethane	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Benzene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
1,2-Dichloroethane	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Trichloroethene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Toluene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
1,1,2-Trichloroethane	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Tetrachloroethene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Chlorobenzene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Ethylbenzene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
m,p-Xylene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
o-Xylene	ND		0.50	µg/L	1	10/26/2006 19:48	26678
Surr: Vinyl chloride-d3	101		49-138	%REC	1	10/26/2006 19:48	26678
Surr: Chloroethane-d5	116		60-126	%REC	1	10/26/2006 19:48	26678
Surr: 1,1-Dichloroethene-d2	89.9		65-130	%REC	1	10/26/2006 19:48	26678
Surr: 2-Butanone-d5	77.7		42-171	%REC	1	10/26/2006 19:48	26678
Surr: Chloroform-d	98.1		80-123	%REC	1	10/26/2006 19:48	26678
Surr: 1,2-Dichloroethane-d4	111		78-129	%REC	1	10/26/2006 19:48	26678
Surr: Benzene-d6	103		78-121	%REC	1	10/26/2006 19:48	26678
Surr: 1,2-Dichloropropane-d6	107		84-123	%REC	1	10/26/2006 19:48	26678
Surr: Toluene-d8	100		77-120	%REC	1	10/26/2006 19:48	26678
Surr: trans-1,3-Dichloropropene-d4	104		80-128	%REC	1	10/26/2006 19:48	26678
Surr: 2-Hexanone-d5	48.7		37-169	%REC	1	10/26/2006 19:48	26678
Surr: Bromoform-d	132		76-135	%REC	1	10/26/2006 19:48	26678
Surr: 1,1,2,2-Tetrachloroethane-d2	104		75-131	%REC	1	10/26/2006 19:48	26678
Surr: 1,2-Dichlorobenzene-d4	107		50-150	%REC	1	10/26/2006 19:48	26678

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: **OLC3.2_VOA**

Sample ID **MB-26678** SampType: **MBLK** TestCode: **OLC3.2_VOA** Prep Date: **10/26/2006** Run ID: **V2_061026B**
Client ID: **MB-26678** Batch ID: **26678** Units: **µg/L** Analysis Date: **10/26/2006** SeqNo: **563656**

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	4.956	0.50	5.000	0	99.1	49	138	0	0		
Surr: Chloroethane-d5	5.766	0.50	5.000	0	115	60	126	0	0		
Surr: 1,1-Dichloroethene-d2	4.379	0.50	5.000	0	87.6	65	130	0	0		
Surr: 2-Butanone-d5	6.033	5.0	5.000	0	121	42	171	0	0		
Surr: Chloroform-d	5.013	0.50	5.000	0	100	80	123	0	0		
Surr: 1,2-Dichloroethane-d4	5.345	0.50	5.000	0	107	78	129	0	0		
Surr: Benzene-d6	5.287	0.50	5.000	0	106	78	121	0	0		
Surr: 1,2-Dichloropropane-d6	5.130	0.50	5.000	0	103	84	123	0	0		
Surr: Toluene-d8	5.199	0.50	5.000	0	104	77	120	0	0		
Surr: trans-1,3-Dichloropropene-d4	5.128	0.50	5.000	0	103	80	128	0	0		
Surr: 2-Hexanone-d5	4.467	5.0	5.000	0	89.3	37	169	0	0		
Surr: Bromoform-d	5.327	0.50	5.000	0	107	76	135	0	0		
Surr: 1,1,2,2-Tetrachloroethane-d2	5.095	0.50	5.000	0	102	75	131	0	0		
Surr: 1,2-Dichlorobenzene-d4	5.241	0.50	5.000	0	105	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

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: OLC3.2_VOA

Sample ID **MB-26694** SampType: **MBLK** TestCode: **OLC3.2_VOA** Prep Date: **10/27/2006** Run ID: **V2_061027A**
Client ID: **MB-26694** Batch ID: **26694** Units: **µg/L** Analysis Date: **10/27/2006** SeqNo: **563667**

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	5.011	0.50	5.000	0	100	49	138	0	0		
Surr: Chloroethane-d5	5.201	0.50	5.000	0	104	60	126	0	0		
Surr: 1,1-Dichloroethene-d2	4.027	0.50	5.000	0	80.5	65	130	0	0		
Surr: 2-Butanone-d5	6.406	5.0	5.000	0	128	42	171	0	0		
Surr: Chloroform-d	4.566	0.50	5.000	0	91.3	80	123	0	0		
Surr: 1,2-Dichloroethane-d4	4.995	0.50	5.000	0	99.9	78	129	0	0		
Surr: Benzene-d6	4.987	0.50	5.000	0	99.7	78	121	0	0		
Surr: 1,2-Dichloropropane-d6	5.112	0.50	5.000	0	102	84	123	0	0		
Surr: Toluene-d8	4.996	0.50	5.000	0	99.9	77	120	0	0		
Surr: trans-1,3-Dichloropropene-d4	5.059	0.50	5.000	0	101	80	128	0	0		
Surr: 2-Hexanone-d5	4.586	5.0	5.000	0	91.7	37	169	0	0		
Surr: Bromoform-d	5.527	0.50	5.000	0	111	76	135	0	0		
Surr: 1,1,2,2-Tetrachloroethane-d2	4.664	0.50	5.000	0	93.3	75	131	0	0		
Surr: 1,2-Dichlorobenzene-d4	4.990	0.50	5.000	0	99.8	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

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: OLC3.2_VOA

Sample ID **LCS-26694** SampType: **LCS** TestCode: **OLC3.2_VOA** Prep Date: **10/27/2006** Run ID: **V2_061027A**
Client ID: **LCS-26694** Batch ID: **26694** Units: **µg/L** Analysis Date: **10/27/2006** SeqNo: **563668**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4.428	0.50	5.000	0	88.6	61	145	0	0		
Benzene	4.261	0.50	5.000	0	85.2	76	127	0	0		
Trichloroethene	4.173	0.50	5.000	0	83.5	71	120	0	0		
Toluene	4.326	0.50	5.000	0	86.5	76	125	0	0		
Chlorobenzene	4.290	0.50	5.000	0	85.8	75	130	0	0		
Surr: Vinyl chloride-d3	4.988	0.50	5.000	0	99.8	49	138	0	0		
Surr: Chloroethane-d5	5.014	0.50	5.000	0	100	60	126	0	0		
Surr: 1,1-Dichloroethene-d2	4.922	0.50	5.000	0	98.4	65	130	0	0		
Surr: 2-Butanone-d5	5.759	5.0	5.000	0	115	42	171	0	0		
Surr: Chloroform-d	4.568	0.50	5.000	0	91.4	80	123	0	0		
Surr: 1,2-Dichloroethane-d4	4.986	0.50	5.000	0	99.7	78	129	0	0		
Surr: Benzene-d6	5.042	0.50	5.000	0	101	78	121	0	0		
Surr: 1,2-Dichloropropane-d6	5.110	0.50	5.000	0	102	84	123	0	0		
Surr: Toluene-d8	5.084	0.50	5.000	0	102	77	120	0	0		
Surr: trans-1,3-Dichloropropene-d4	5.125	0.50	5.000	0	103	80	128	0	0		
Surr: 2-Hexanone-d5	4.579	5.0	5.000	0	91.6	37	169	0	0		
Surr: Bromoform-d	5.649	0.50	5.000	0	113	76	135	0	0		
Surr: 1,1,2,2-Tetrachloroethane-d2	4.587	0.50	5.000	0	91.7	75	131	0	0		
Surr: 1,2-Dichlorobenzene-d4	5.209	0.50	5.000	0	104	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

Mitkem Corporation

Date: *14-Nov-06*

Client: Earth Tech
Client Sample ID: EFF 10/06
Lab ID: E1653-01

Project: NOW Corp. Site
Collection Date: 10/24/06 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM			**E1664**				
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	11/11/2006 00:00	26969

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

Client: Earth Tech
Client Sample ID: INF 10/06
Lab ID: E1653-02

Project: NOW Corp. Site
Collection Date: 10/24/06 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM			**E1664**				
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	11/11/2006 00:00	26969

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *14-Nov-06*

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: **E1664**

Sample ID **MB-26969**	SampType: **MBLK**	TestCode: **E1664**		Prep Date: **11/11/2006**			Run ID: **MANUAL_061111A**		
Client ID: **MB-26969**	Batch ID: **26969**	Units: **mg/L**		Analysis Date: **11/11/2006**			SeqNo: **563872**		
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-26969**	SampType: **LCS**	TestCode: **E1664**		Prep Date: **11/11/2006**			Run ID: **MANUAL_061111A**		
Client ID: **LCS-26969**	Batch ID: **26969**	Units: **mg/L**		Analysis Date: **11/11/2006**			SeqNo: **563873**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	RPD Ref Val	%RPD	RPDLimit Qual
Oil & Grease, Total Recoverable	31.50	5.0	40.00	0	78.8	62.9 117	0	0	

Sample ID **LCSD-26969**	SampType: **LCSD**	TestCode: **E1664**		Prep Date: **11/11/2006**			Run ID: **MANUAL_061111A**		
Client ID: **LCSD-26969**	Batch ID: **26969**	Units: **mg/L**		Analysis Date: **11/11/2006**			SeqNo: **563874**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	RPD Ref Val	%RPD	RPDLimit Qual
Oil & Grease, Total Recoverable	31.30	5.0	40.00	0	78.3	62.9 117	31.50	0.637	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: *09-Nov-06*

Client: Earth Tech
Client Sample ID: EFF 10/06
Lab ID: E1653-01

Project: NOW Corp. Site
Collection Date: 10/24/06 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP				**SW6010B_W**			
Aluminum	ND		100	µg/L	1	10/27/2006 14:49	26700
Arsenic	ND		10	µg/L	1	10/27/2006 14:49	26700
Barium	ND		100	µg/L	1	10/27/2006 14:49	26700
Chromium	ND		10	µg/L	1	10/27/2006 14:49	26700
Copper	ND		13	µg/L	1	10/27/2006 14:49	26700
Iron	ND		100	µg/L	1	10/27/2006 14:49	26700
Manganese	120		25	µg/L	1	10/27/2006 14:49	26700
Nickel	ND		25	µg/L	1	10/27/2006 14:49	26700
Zinc	ND		25	µg/L	1	11/01/2006 15:39	26700
MERCURY BY FIA				**SW7470A**			
Mercury	ND		0.20	µg/L	1	10/26/2006 16:03	26674

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *09-Nov-06*

Client: Earth Tech
Client Sample ID: INF 10/06
Lab ID: E1653-02

Project: NOW Corp. Site
Collection Date: 10/24/06 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP				**SW6010B_W**			
Aluminum	ND		100	µg/L	1	10/27/2006 14:52	26700
Arsenic	ND		10	µg/L	1	10/27/2006 14:52	26700
Barium	ND		100	µg/L	1	10/27/2006 14:52	26700
Chromium	ND		10	µg/L	1	10/27/2006 14:52	26700
Copper	ND		13	µg/L	1	10/27/2006 14:52	26700
Iron	ND		100	µg/L	1	10/27/2006 14:52	26700
Manganese	190		25	µg/L	1	10/27/2006 14:52	26700
Nickel	ND		25	µg/L	1	10/27/2006 14:52	26700
Zinc	ND		25	µg/L	1	11/01/2006 15:42	26700
MERCURY BY FIA				**SW7470A**			
Mercury	ND		0.20	µg/L	1	10/26/2006 16:04	26674

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: **SW6010B_W**

Sample ID: **MB-26700**	SampType: **MBLK**	TestCode: **SW6010B_W**	Prep Date: **10/27/2006**	Run ID: **OPTIMA2_061027B**
Client ID: **MB-26700**	Batch ID: **26700**	Units: **µg/L**	Analysis Date: **10/27/2006**	SeqNo: **557797**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	10									
Barium	ND	100									
Chromium	ND	10									
Copper	ND	15									
Iron	ND	100									
Manganese	ND	25									
Nickel	ND	25									

Sample ID: **MB-26700**	SampType: **MBLK**	TestCode: **SW6010B_W**	Prep Date: **10/27/2006**	Run ID: **OPTIMA3_061101F**
Client ID: **MB-26700**	Batch ID: **26700**	Units: **µg/L**	Analysis Date: **11/1/2006**	SeqNo: **560247**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	ND	25									

Sample ID: **LCS-26700**	SampType: **LCS**	TestCode: **SW6010B_W**	Prep Date: **10/27/2006**	Run ID: **OPTIMA2_061027B**
Client ID: **LCS-26700**	Batch ID: **26700**	Units: **µg/L**	Analysis Date: **10/27/2006**	SeqNo: **557798**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	468.8	10	455.0	0	103	80	120	0	0		
Barium	8680	100	9100	0	95.4	80	120	0	0		
Chromium	863.5	10	910.0	0	94.9	80	120	0	0		
Copper	1101	15	1130	0	97.5	80	120	0	0		
Iron	4300	100	4550	0	94.5	80	120	0	0		
Manganese	2198	25	2270	0	96.8	80	120	0	0		
Nickel	2186	25	2270	0	96.3	80	120	0	0		

Sample ID: **LCS-26700**	SampType: **LCS**	TestCode: **SW6010B_W**	Prep Date: **10/27/2006**	Run ID: **OPTIMA3_061101F**
Client ID: **LCS-26700**	Batch ID: **26700**	Units: **µg/L**	Analysis Date: **11/1/2006**	SeqNo: **560248**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	2129	25	2270	0	93.8	80	120	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

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW6010B_W

Sample ID: **E1653-02CMS** SampType: **MS** TestCode: **SW6010B_W** Prep Date: **10/27/2006** Run ID: **OPTIMA2_061027B**
Client ID: **INF 10/06** Batch ID: **26700** Units: **µg/L** Analysis Date: **10/27/2006** SeqNo: **557802**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8707	100	9100	0	95.7	80	120	0	0		
Arsenic	473.1	10	455.5	0	104	80	120	0	0		
Barium	8690	100	9100	95.20	94.4	80	120	0	0		
Chromium	857.9	10	910.0	1.133	94.1	80	120	0	0		
Copper	1066	13	1130	5.583	93.8	80	120	0	0		
Iron	4294	100	4550	65.20	92.9	80	120	0	0		
Manganese	2394	25	2270	192.3	97.0	80	120	0	0		
Nickel	2170	25	2270	2.912	95.4	80	120	0	0		

Sample ID: **E1653-02CMS** SampType: **MS** TestCode: **SW6010B_W** Prep Date: **10/27/2006** Run ID: **OPTIMA3_061101F**
Client ID: **INF 10/06** Batch ID: **26700** Units: **µg/L** Analysis Date: **11/1/2006** SeqNo: **560252**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	2025	25	2270	9.790	88.8	80	120	0	0		

Sample ID: **E1653-02CDUP** SampType: **DUP** TestCode: **SW6010B_W** Prep Date: **10/27/2006** Run ID: **OPTIMA2_061027B**
Client ID: **INF 10/06** Batch ID: **26700** Units: **µg/L** Analysis Date: **10/27/2006** SeqNo: **557801**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	100	0	0	0	0	0	0	0	20	
Arsenic	ND	10	0	0	0	0	0	0	0	20	
Barium	ND	100	0	0	0	0	0	95.20	0	20	
Chromium	ND	10	0	0	0	0	0	1.133	0	20	
Copper	ND	13	0	0	0	0	0	5.583	0	20	
Iron	ND	100	0	0	0	0	0	65.20	0	20	
Manganese	190.4	25	0	0	0	0	0	192.3	0.995	20	
Nickel	ND	25	0	0	0	0	0	2.912	0	20	

Sample ID: **E1653-02CDUP** SampType: **DUP** TestCode: **SW6010B_W** Prep Date: **10/27/2006** Run ID: **OPTIMA3_061101F**
Client ID: **INF 10/06** Batch ID: **26700** Units: **µg/L** Analysis Date: **11/1/2006** SeqNo: **560251**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	ND	25	0	0	0	0	0	9.790	0	20	

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

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW7470A

Sample ID: **MB-26674**	SampType: **MBLK**	TestCode: **SW7470A**			Prep Date: **10/26/2006**			Run ID: **FIMS1_061026C**			
Client ID: **MB-26674**	Batch ID: **26674**	Units: **µg/L**			Analysis Date: **10/26/2006**			SeqNo: **556776**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		ND	0.20									

Sample ID: **LCS-26674**	SampType: **LCS**	TestCode: **SW7470A**			Prep Date: **10/26/2006**			Run ID: **FIMS1_061026C**			
Client ID: **LCS-26674**	Batch ID: **26674**	Units: **µg/L**			Analysis Date: **10/26/2006**			SeqNo: **556777**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		4.856	0.20	4.550	0	107	67.3	120	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: *02-Nov-06*

Client: Earth Tech
Client Sample ID: EFF 10/06
Lab ID: E1653-01

Project: NOW Corp. Site
Collection Date: 10/24/06 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TOTAL DISSOLVED SOLIDS				**SM2540_TDS**			
Total Dissolved Solids	270		10	mg/L	1	10/26/2006 17:00	26683
TOTAL SUSPENDED SOLIDS				**SM2540_TSS**			
Total Suspended Solids	ND		10	mg/L	1	10/26/2006 17:00	26685
TOTAL CYANIDE				**SW9012B_W**			
Cyanide	ND		10	µg/L	1	10/31/2006 14:47	26723

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation 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: *02-Nov-06*

Client: Earth Tech
Client Sample ID: INF 10/06
Lab ID: E1653-02

Project: NOW Corp. Site
Collection Date: 10/24/06 11:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TOTAL DISSOLVED SOLIDS				**SM2540_TDS**			
Total Dissolved Solids	310		10	mg/L	1	10/26/2006 17:00	26683
TOTAL SUSPENDED SOLIDS				**SM2540_TSS**			
Total Suspended Solids	ND		10	mg/L	1	10/26/2006 17:00	26685
TOTAL CYANIDE				**SW9012B_W**			
Cyanide	ND		10	µg/L	1	10/31/2006 14:49	26723

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: **SM2540_TDS**

Sample ID: MB-26683	SampType: MBLK	TestCode: SM2540_TDS		Prep Date: 10/26/2006				Run ID: MANUAL_061026A			
Client ID: MB-26683	Batch ID: 26683	Units: mg/L		Analysis Date: 10/26/2006				SeqNo: 557856			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	10									

Sample ID: LCS-26683	SampType: LCS	TestCode: SM2540_TDS		Prep Date: 10/26/2006				Run ID: MANUAL_061026A			
Client ID: LCS-26683	Batch ID: 26683	Units: mg/L		Analysis Date: 10/26/2006				SeqNo: 557857			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids	734.0	10	744.0	0	98.7	81.5	116	0	0		

Sample ID: E1653-01DDUP	SampType: DUP	TestCode: SM2540_TDS		Prep Date: 10/26/2006				Run ID: MANUAL_061026A			
Client ID: EFF 10/06	Batch ID: 26683	Units: mg/L		Analysis Date: 10/26/2006				SeqNo: 557859			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids	249.0	10	0	0	0	0	0	274.0	9.56	20	

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SM2540_TSS

Sample ID: **MB-26685**	SampType: **MBLK**	TestCode: **SM2540_TSS**			Prep Date: **10/26/2006**			Run ID: **MANUAL_061026B**				
Client ID: **MB-26685**	Batch ID: **26685**	Units: **mg/L**			Analysis Date: **10/26/2006**			SeqNo: **557861**				
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-26685**	SampType: **LCS**	TestCode: **SM2540_TSS**			Prep Date: **10/26/2006**			Run ID: **MANUAL_061026B**				
Client ID: **LCS-26685**	Batch ID: **26685**	Units: **mg/L**			Analysis Date: **10/26/2006**			SeqNo: **557862**				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids		74.00	10	74.90	0	98.8	73.2	116	0	0		

Sample ID: **E1653-01DDUP**	SampType: **DUP**	TestCode: **SM2540_TSS**			Prep Date: **10/26/2006**			Run ID: **MANUAL_061026B**				
Client ID: **EFF 10/06**	Batch ID: **26685**	Units: **mg/L**			Analysis Date: **10/26/2006**			SeqNo: **557864**				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids		ND	10	0	0	0	0	0	0	0	20	

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Earth Tech
Work Order: E1653
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW9012B_W

Sample ID: **MB-26723**	SampType: **MBLK**	TestCode: **SW9012B_W**			Prep Date: **10/30/2006**			Run ID: **LACHAT1_061031A**			
Client ID: **MB-26723**	Batch ID: **26723**	Units: **µg/L**			Analysis Date: **10/31/2006**			SeqNo: **558618**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	20									

Sample ID: **LCS-26723**	SampType: **LCS**	TestCode: **SW9012B_W**			Prep Date: **10/30/2006**			Run ID: **LACHAT1_061031A**			
Client ID: **LCS-26723**	Batch ID: **26723**	Units: **µg/L**			Analysis Date: **10/31/2006**			SeqNo: **558619**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	98.40	20	100.0	0	98.4	52.5	145	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

27/Oct/06 08:06

WorkOrder: E1653

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

Case:
SDG:
PO: 55849.01

Report Level: LEVEL 2
EDD:
HC Due: 11/15/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E1653-01A	EFF 10/06	10/24/2006 11:00	10/25/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1653-01B	EFF 10/06	10/24/2006 11:00	10/25/2006	Aqueous	E1664		☐	☐	☐	F3
E1653-01C	EFF 10/06	10/24/2006 11:00	10/25/2006	Aqueous	SW6010B_W	Prep=50mL initial vol to 25mL f	☐	☐	☑	M4
					SW7470A		☐	☐	☐	M4
E1653-01D	EFF 10/06	10/24/2006 11:00	10/25/2006	Aqueous	SM2540_TDS		☐	☐	☐	F3
					SM2540_TSS		☐	☐	☐	F3
E1653-01E	EFF 10/06	10/24/2006 11:00	10/25/2006	Aqueous	SW9012B_W		☐	☐	☑	F3
E1653-02A	INF 10/06	10/24/2006 11:15	10/25/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1653-02B	INF 10/06	10/24/2006 11:15	10/25/2006	Aqueous	E1664		☐	☐	☐	F3
E1653-02C	INF 10/06	10/24/2006 11:15	10/25/2006	Aqueous	SW6010B_W	Prep=50mL initial vol to 25mL f	☐	☐	☑	M4
					SW7470A		☐	☐	☐	M4

Client Rep: Edward A Lawler

Mitkem Corporation

27/Oct/06 08:06

WorkOrder: E1653

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

Case:
SDG:
PO: 55849.01

Report Level: LEVEL 2
EDD:
HC Due: 11/15/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E1653-02D	INF 10/06	10/24/2006 11:15	10/25/2006	Aqueous	SM2540_TDS		☐	☐	☐	F3
					SM2540_TSS		☐	☐	☐	F3
E1653-02E	INF 10/06	10/24/2006 11:15	10/25/2006	Aqueous	SW9012B_W		☐	☐	☑	F3
E1653-03A	TW-1	10/24/2006 11:25	10/25/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1653-04A	TW-2A	10/24/2006 11:30	10/25/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1653-05A	TW-3	10/24/2006 11:35	10/25/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1653-06A	TRIP BLANK	10/24/2006 00:00	10/25/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA

Client Rep: Edward A Lawler

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO			INVOICE TO		
COMPANY: EARTH TECH INC.	PHONE: 518-951-2200		COMPANY: SAME	PHONE	LAB PROJECT #: E1653
NAME: STEVE CHOINIERE	FAX: 518-951-2300		NAME	FAX	
ADDRESS: 40 BRITISH AMERICAN BLVD.			ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP: LATHAM N.Y. 12110			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
NOW CORP.	94017.02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: 8260	METALS *	TDS/TSS	O+G	CYANIDE	COMMENTS
EFF 10/06	10/24/06 11:00		X	X			01	7	X	X	X	X	X	CHECK HCL ON O+G
INF 10/06	/ 11:15						02	7	X	X	X	X	X	
TW-1	/ 11:25						03	2	X					
TW-2A	/ 11:30						04	2	X					
TW-3	/ 11:35						05	2	X					
TRIP BLANK	/						06	2	X					
	/													
	/													
	/													
	/													
	/													
	/													

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	Roger Gray	10/24/06 2:00		10/25/06 8:45
		/		/
		/		/

ADDITIONAL REMARKS:
* METALS: AL, AS, BA, CR, CU, FE, MN, HG, ZN, N.

FED EX # 8455-2380-7660

COOLER TEMP: 2°

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY