Operation, Maintenance and Monitoring Report
September 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

November 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 – "September" 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 28-day period (**August 22, 2006 – September 19, 2006**).

With the exceptions noted below (if any), the P&T system was online and operational throughout the reporting period. Approximately 452,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 16,100 gallons per day (gpd). During the prior reporting period, the average discharge was virtually the same: 16,000 gpd.

As of the last day of the reporting period, a total of 54,471,900 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 September 19, 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 August 22nd service visit was described in the previous report. Details for this reporting period follow:

September 19th – Monthly system inspection and sampling. During daily remote monitoring of system operations on September 14, it was noted that the pump in recovery well TW-3 had shut off earlier that day (at 2 a.m.). During this service visit, our technicians noted that the breaker had tripped. They reset the breaker, restoring the pump to operation. They also performed general maintenance.

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

TABLES

Table 1
Summary of Influent and Effluent Data
Sampling Date: September 19, 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		16,100				Monitor	gpd
pH	**6.9**	**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**	**260**	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	<0.28	<0.28	NA	NA	NA	0.8	ug/L
Manganese	**140**	**88**	NA	NA	NA	600	ug/L
Nickel	<25	<25	NA	NA	NA	200	ug/L
Zinc	**26**	<25	NA	NA	NA	150	ug/L
1,1,1-Trichloroethane	**400**	<0.5	**5.8**	**840**	**23**	5	ug/L
1,1,2-Trichloroethane	<20	<0.5	<2.5	<25	<0.5	1.2	ug/L
1,1-Dichloroethane	**110**	<0.5	**55**	**170**	**21**	5	ug/L
1,1-Dichloroethene	<20	<0.5	**7.8**	**21 J**	**2.1**	0.5	ug/L
1,2-Dichloroethane	<20	<0.5	<2.5	<25	<0.5	1.6	ug/L
Benzene	<20	<0.5	<2.5	<25	<0.5	0.8	ug/L
Chlorobenzene	<20	<0.5	<2.5	<25	<0.5	5	ug/L
Chloroethane	<20	<0.5	<2.5	<25	<0.5	5	ug/L
cis-1,2-Dichloroethene	<20	<0.5	**5**	**16 J**	**0.31 J**	5	ug/L
Ethylbenzene	<20	<0.5	<2.5	<25	<0.5	5	ug/L
Methyl tert-butyl ether	<20	<0.5	<2.5	<25	<0.5	5	ug/L
o-Xylene	<20	<0.5	<2.5	<25	<0.5	5	ug/L
p&m-Xylene	<20	<0.5	<2.5	<25	<0.5	10	ug/L
Tetrachloroethene	<20	<0.5	<2.5	<25	<0.5	1.4	ug/L
Toluene	<20	<0.5	<2.5	<25	<0.5	5	ug/L
trans-1,2-Dichloroethene	<20	<0.5	<2.5	<25	<0.5	5	ug/L
Trichloroethene	**280**	<0.5	**58**	**540**	**12**	5	ug/L
Vinyl Chloride	<20	<0.5	<2.5	<25	<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 September 2006 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		9/19/06	Units
TW-1			
	Pumping Rate	3	GPM
	Water Level Above Transducer	45.24	feet
	Flow Meter Reading	3,633,900	gallons
	Pump Pressure	80	psi
TW-2A			
	Pumping Rate	9	GPM
	Water Level Above Transducer	57.30	feet
	Flow Meter Reading	7,552,000	gallons
	Pump Pressure	54	psi
TW-3			
	Pumping Rate	3	GPM
	Water Level Above Transducer	53.97	feet
	Flow Meter Reading	3,094,900	gallons
	Pump Pressure	80	psi
Air Stripper			
	Stripper Blower Pressure	16	inches H_2O
	Air Temperature in Stripper	52	°F
	Pressure Gauge - Left Leg	1	inches H_2O
	Pressure Gauge - Right Leg	0.5	inches H_2O
	Pressure/Vacuum on the Stripper	1.0	inches H_2O
Effluent Flow			
	Total System Meter Reading	53,794,900	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

INFLUENT & EFFLUENT WATER ANALYTICAL REPORT

MITKEM CORPORATION

Client: Earth Tech

Client Project: NOW Corp, 55849.01, 09/06

Lab Work Order: E1430

Date samples received: 9/20/06

Project Narrative

This data report includes the analysis results for six (6) aqueous samples that were received from Earth Tech on September 20, 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 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 9/06 (40X), TW-1 (5X) and TW-2A (50X).

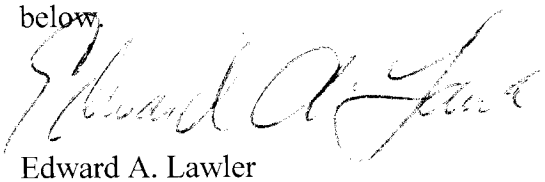
Spike recoveries were within the QC limits in the laboratory control samples for oil & grease, metals, total dissolved solids, total suspended solids and cyanide analyses. Duplicate analyses were performed for metals, cyanide, total dissolved solids and total suspended solids, and matrix spike analysis was performed for metals and 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".

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: *13-Oct-06*

Client: Earth Tech
Client Sample ID: EFF 9/06
Lab ID: E1430-01

Project: NOW Corp. Site
Collection Date: 09/19/06 11:40

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	09/22/2006 16:22	26050
Chloroethane	ND		0.50	µg/L	1	09/22/2006 16:22	26050
1,1-Dichloroethene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Methyl tert-butyl ether	ND		0.50	µg/L	1	09/22/2006 16:22	26050
1,1-Dichloroethane	ND		0.50	µg/L	1	09/22/2006 16:22	26050
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
1,1,1-Trichloroethane	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Benzene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
1,2-Dichloroethane	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Trichloroethene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Toluene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
1,1,2-Trichloroethane	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Tetrachloroethene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Chlorobenzene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Ethylbenzene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
m,p-Xylene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
o-Xylene	ND		0.50	µg/L	1	09/22/2006 16:22	26050
Surr: Vinyl chloride-d3	95.3		49-138	%REC	1	09/22/2006 16:22	26050
Surr: Chloroethane-d5	98.0		60-126	%REC	1	09/22/2006 16:22	26050
Surr: 1,1-Dichloroethene-d2	88.0		65-130	%REC	1	09/22/2006 16:22	26050
Surr: 2-Butanone-d5	94.7		42-171	%REC	1	09/22/2006 16:22	26050
Surr: Chloroform-d	112		80-123	%REC	1	09/22/2006 16:22	26050
Surr: 1,2-Dichloroethane-d4	115		78-129	%REC	1	09/22/2006 16:22	26050
Surr: Benzene-d6	98.4		78-121	%REC	1	09/22/2006 16:22	26050
Surr: 1,2-Dichloropropane-d6	84.1		84-123	%REC	1	09/22/2006 16:22	26050
Surr: Toluene-d8	96.7		77-120	%REC	1	09/22/2006 16:22	26050
Surr: trans-1,3-Dichloropropene-d4	106		80-128	%REC	1	09/22/2006 16:22	26050
Surr: 2-Hexanone-d5	46.7		37-169	%REC	1	09/22/2006 16:22	26050
Surr: Bromoform-d	106		76-135	%REC	1	09/22/2006 16:22	26050
Surr: 1,1,2,2-Tetrachloroethane-d2	104		75-131	%REC	1	09/22/2006 16:22	26050
Surr: 1,2-Dichlorobenzene-d4	107		50-150	%REC	1	09/22/2006 16:22	26050

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: *13-Oct-06*

Client: Earth Tech
Client Sample ID: INF 9/06
Lab ID: E1430-02

Project: NOW Corp. Site
Collection Date: 09/19/06 11:55

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	09/22/2006 22:43	26067
Chloroethane	ND		20	µg/L	40	09/22/2006 22:43	26067
1,1-Dichloroethene	ND		20	µg/L	40	09/22/2006 22:43	26067
trans-1,2-Dichloroethene	ND		20	µg/L	40	09/22/2006 22:43	26067
Methyl tert-butyl ether	ND		20	µg/L	40	09/22/2006 22:43	26067
1,1-Dichloroethane	110		20	µg/L	40	09/22/2006 22:43	26067
cis-1,2-Dichloroethene	ND		20	µg/L	40	09/22/2006 22:43	26067
1,1,1-Trichloroethane	400		20	µg/L	40	09/22/2006 22:43	26067
Benzene	ND		20	µg/L	40	09/22/2006 22:43	26067
1,2-Dichloroethane	ND		20	µg/L	40	09/22/2006 22:43	26067
Trichloroethene	280		20	µg/L	40	09/22/2006 22:43	26067
Toluene	ND		20	µg/L	40	09/22/2006 22:43	26067
1,1,2-Trichloroethane	ND		20	µg/L	40	09/22/2006 22:43	26067
Tetrachloroethene	ND		20	µg/L	40	09/22/2006 22:43	26067
Chlorobenzene	ND		20	µg/L	40	09/22/2006 22:43	26067
Ethylbenzene	ND		20	µg/L	40	09/22/2006 22:43	26067
m,p-Xylene	ND		20	µg/L	40	09/22/2006 22:43	26067
o-Xylene	ND		20	µg/L	40	09/22/2006 22:43	26067
Surr: Vinyl chloride-d3	107		49-138	%REC	40	09/22/2006 22:43	26067
Surr: Chloroethane-d5	108		60-126	%REC	40	09/22/2006 22:43	26067
Surr: 1,1-Dichloroethene-d2	94.2		65-130	%REC	40	09/22/2006 22:43	26067
Surr: 2-Butanone-d5	106		42-171	%REC	40	09/22/2006 22:43	26067
Surr: Chloroform-d	107		80-123	%REC	40	09/22/2006 22:43	26067
Surr: 1,2-Dichloroethane-d4	107		78-129	%REC	40	09/22/2006 22:43	26067
Surr: Benzene-d6	110		78-121	%REC	40	09/22/2006 22:43	26067
Surr: 1,2-Dichloropropane-d6	93.3		84-123	%REC	40	09/22/2006 22:43	26067
Surr: Toluene-d8	107		77-120	%REC	40	09/22/2006 22:43	26067
Surr: trans-1,3-Dichloropropene-d4	105		80-128	%REC	40	09/22/2006 22:43	26067
Surr: 2-Hexanone-d5	45.4		37-169	%REC	40	09/22/2006 22:43	26067
Surr: Bromoform-d	140	S	76-135	%REC	40	09/22/2006 22:43	26067
Surr: 1,1,2,2-Tetrachloroethane-d2	101		75-131	%REC	40	09/22/2006 22:43	26067
Surr: 1,2-Dichlorobenzene-d4	126		50-150	%REC	40	09/22/2006 22:43	26067

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: *13-Oct-06*

Client: Earth Tech
Client Sample ID: TW-1
Lab ID: E1430-03

Project: NOW Corp. Site
Collection Date: 09/19/06 12:05

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS				OLC3.2_VOA			
Vinyl chloride	ND		2.5	µg/L	5	09/22/2006 17:22	26050
Chloroethane	ND		2.5	µg/L	5	09/22/2006 17:22	26050
1,1-Dichloroethene	7.8		2.5	µg/L	5	09/22/2006 17:22	26050
trans-1,2-Dichloroethene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
Methyl tert-butyl ether	ND		2.5	µg/L	5	09/22/2006 17:22	26050
1,1-Dichloroethane	55		2.5	µg/L	5	09/22/2006 17:22	26050
cis-1,2-Dichloroethene	5.0		2.5	µg/L	5	09/22/2006 17:22	26050
1,1,1-Trichloroethane	5.8		2.5	µg/L	5	09/22/2006 17:22	26050
Benzene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
1,2-Dichloroethane	ND		2.5	µg/L	5	09/22/2006 17:22	26050
Trichloroethene	58		2.5	µg/L	5	09/22/2006 17:22	26050
Toluene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
1,1,2-Trichloroethane	ND		2.5	µg/L	5	09/22/2006 17:22	26050
Tetrachloroethene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
Chlorobenzene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
Ethylbenzene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
m,p-Xylene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
o-Xylene	ND		2.5	µg/L	5	09/22/2006 17:22	26050
Surr: Vinyl chloride-d3	93.0		49-138	%REC	5	09/22/2006 17:22	26050
Surr: Chloroethane-d5	98.3		60-126	%REC	5	09/22/2006 17:22	26050
Surr: 1,1-Dichloroethene-d2	93.1		65-130	%REC	5	09/22/2006 17:22	26050
Surr: 2-Butanone-d5	113		42-171	%REC	5	09/22/2006 17:22	26050
Surr: Chloroform-d	111		80-123	%REC	5	09/22/2006 17:22	26050
Surr: 1,2-Dichloroethane-d4	116		78-129	%REC	5	09/22/2006 17:22	26050
Surr: Benzene-d6	101		78-121	%REC	5	09/22/2006 17:22	26050
Surr: 1,2-Dichloropropane-d6	84.2		84-123	%REC	5	09/22/2006 17:22	26050
Surr: Toluene-d8	101		77-120	%REC	5	09/22/2006 17:22	26050
Surr: trans-1,3-Dichloropropene-d4	104		80-128	%REC	5	09/22/2006 17:22	26050
Surr: 2-Hexanone-d5	50.5		37-169	%REC	5	09/22/2006 17:22	26050
Surr: Bromoform-d	118		76-135	%REC	5	09/22/2006 17:22	26050
Surr: 1,1,2,2-Tetrachloroethane-d2	109		75-131	%REC	5	09/22/2006 17:22	26050
Surr: 1,2-Dichlorobenzene-d4	106		50-150	%REC	5	09/22/2006 17:22	26050

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: *13-Oct-06*

Client: Earth Tech
Client Sample ID: TW-2A
Lab ID: E1430-04

Project: NOW Corp. Site
Collection Date: 09/19/06 12:10

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	09/22/2006 23:13	26067
Chloroethane	ND		25	µg/L	50	09/22/2006 23:13	26067
1,1-Dichloroethene	21	J	25	µg/L	50	09/22/2006 23:13	26067
trans-1,2-Dichloroethene	ND		25	µg/L	50	09/22/2006 23:13	26067
Methyl tert-butyl ether	ND		25	µg/L	50	09/22/2006 23:13	26067
1,1-Dichloroethane	170		25	µg/L	50	09/22/2006 23:13	26067
cis-1,2-Dichloroethene	16	J	25	µg/L	50	09/22/2006 23:13	26067
1,1,1-Trichloroethane	840		25	µg/L	50	09/22/2006 23:13	26067
Benzene	ND		25	µg/L	50	09/22/2006 23:13	26067
1,2-Dichloroethane	ND		25	µg/L	50	09/22/2006 23:13	26067
Trichloroethene	540		25	µg/L	50	09/22/2006 23:13	26067
Toluene	ND		25	µg/L	50	09/22/2006 23:13	26067
1,1,2-Trichloroethane	ND		25	µg/L	50	09/22/2006 23:13	26067
Tetrachloroethene	ND		25	µg/L	50	09/22/2006 23:13	26067
Chlorobenzene	ND		25	µg/L	50	09/22/2006 23:13	26067
Ethylbenzene	ND		25	µg/L	50	09/22/2006 23:13	26067
m,p-Xylene	ND		25	µg/L	50	09/22/2006 23:13	26067
o-Xylene	ND		25	µg/L	50	09/22/2006 23:13	26067
Surr: Vinyl chloride-d3	109		49-138	%REC	50	09/22/2006 23:13	26067
Surr: Chloroethane-d5	113		60-126	%REC	50	09/22/2006 23:13	26067
Surr: 1,1-Dichloroethene-d2	96.9		65-130	%REC	50	09/22/2006 23:13	26067
Surr: 2-Butanone-d5	111		42-171	%REC	50	09/22/2006 23:13	26067
Surr: Chloroform-d	112		80-123	%REC	50	09/22/2006 23:13	26067
Surr: 1,2-Dichloroethane-d4	121		78-129	%REC	50	09/22/2006 23:13	26067
Surr: Benzene-d6	114		78-121	%REC	50	09/22/2006 23:13	26067
Surr: 1,2-Dichloropropane-d6	98.5		84-123	%REC	50	09/22/2006 23:13	26067
Surr: Toluene-d8	112		77-120	%REC	50	09/22/2006 23:13	26067
Surr: trans-1,3-Dichloropropene-d4	115		80-128	%REC	50	09/22/2006 23:13	26067
Surr: 2-Hexanone-d5	40.4		37-169	%REC	50	09/22/2006 23:13	26067
Surr: Bromoform-d	142	S	76-135	%REC	50	09/22/2006 23:13	26067
Surr: 1,1,2,2-Tetrachloroethane-d2	107		75-131	%REC	50	09/22/2006 23:13	26067
Surr: 1,2-Dichlorobenzene-d4	121		50-150	%REC	50	09/22/2006 23:13	26067

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: *13-Oct-06*

Client: Earth Tech
Client Sample ID: TW-3
Lab ID: E1430-05

Project: NOW Corp. Site
Collection Date: 09/19/06 12:15

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OLC 3.2 VOA BY GC-MS				OLC3.2_VOA			
Vinyl chloride	ND		0.50	µg/L	1	09/22/2006 18:21	26050
Chloroethane	ND		0.50	µg/L	1	09/22/2006 18:21	26050
1,1-Dichloroethene	2.1		0.50	µg/L	1	09/22/2006 18:21	26050
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
Methyl tert-butyl ether	ND		0.50	µg/L	1	09/22/2006 18:21	26050
1,1-Dichloroethane	21		0.50	µg/L	1	09/22/2006 18:21	26050
cis-1,2-Dichloroethene	0.31	J	0.50	µg/L	1	09/22/2006 18:21	26050
1,1,1-Trichloroethane	23		0.50	µg/L	1	09/22/2006 18:21	26050
Benzene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
1,2-Dichloroethane	ND		0.50	µg/L	1	09/22/2006 18:21	26050
Trichloroethene	12		0.50	µg/L	1	09/22/2006 18:21	26050
Toluene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
1,1,2-Trichloroethane	ND		0.50	µg/L	1	09/22/2006 18:21	26050
Tetrachloroethene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
Chlorobenzene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
Ethylbenzene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
m,p-Xylene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
o-Xylene	ND		0.50	µg/L	1	09/22/2006 18:21	26050
Surr: Vinyl chloride-d3	101		49-138	%REC	1	09/22/2006 18:21	26050
Surr: Chloroethane-d5	101		60-126	%REC	1	09/22/2006 18:21	26050
Surr: 1,1-Dichloroethene-d2	99.0		65-130	%REC	1	09/22/2006 18:21	26050
Surr: 2-Butanone-d5	101		42-171	%REC	1	09/22/2006 18:21	26050
Surr: Chloroform-d	114		80-123	%REC	1	09/22/2006 18:21	26050
Surr: 1,2-Dichloroethane-d4	118		78-129	%REC	1	09/22/2006 18:21	26050
Surr: Benzene-d6	104		78-121	%REC	1	09/22/2006 18:21	26050
Surr: 1,2-Dichloropropane-d6	86.2		84-123	%REC	1	09/22/2006 18:21	26050
Surr: Toluene-d8	104		77-120	%REC	1	09/22/2006 18:21	26050
Surr: trans-1,3-Dichloropropene-d4	104		80-128	%REC	1	09/22/2006 18:21	26050
Surr: 2-Hexanone-d5	47.5		37-169	%REC	1	09/22/2006 18:21	26050
Surr: Bromoform-d	116		76-135	%REC	1	09/22/2006 18:21	26050
Surr: 1,1,2,2-Tetrachloroethane-d2	107		75-131	%REC	1	09/22/2006 18:21	26050
Surr: 1,2-Dichlorobenzene-d4	109		50-150	%REC	1	09/22/2006 18:21	26050

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: *13-Oct-06*

Client: Earth Tech
Client Sample ID: TRIP BLANK
Lab ID: E1430-06

Project: NOW Corp. Site
Collection Date: 09/19/06 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	09/22/2006 23:43	26067
Chloroethane	ND		0.50	µg/L	1	09/22/2006 23:43	26067
1,1-Dichloroethene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Methyl tert-butyl ether	ND		0.50	µg/L	1	09/22/2006 23:43	26067
1,1-Dichloroethane	ND		0.50	µg/L	1	09/22/2006 23:43	26067
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
1,1,1-Trichloroethane	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Benzene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
1,2-Dichloroethane	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Trichloroethene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Toluene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
1,1,2-Trichloroethane	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Tetrachloroethene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Chlorobenzene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Ethylbenzene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
m,p-Xylene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
o-Xylene	ND		0.50	µg/L	1	09/22/2006 23:43	26067
Surr: Vinyl chloride-d3	106		49-138	%REC	1	09/22/2006 23:43	26067
Surr: Chloroethane-d5	110		60-126	%REC	1	09/22/2006 23:43	26067
Surr: 1,1-Dichloroethene-d2	95.4		65-130	%REC	1	09/22/2006 23:43	26067
Surr: 2-Butanone-d5	92.6		42-171	%REC	1	09/22/2006 23:43	26067
Surr: Chloroform-d	109		80-123	%REC	1	09/22/2006 23:43	26067
Surr: 1,2-Dichloroethane-d4	114		78-129	%REC	1	09/22/2006 23:43	26067
Surr: Benzene-d6	109		78-121	%REC	1	09/22/2006 23:43	26067
Surr: 1,2-Dichloropropane-d6	91.5		84-123	%REC	1	09/22/2006 23:43	26067
Surr: Toluene-d8	106		77-120	%REC	1	09/22/2006 23:43	26067
Surr: trans-1,3-Dichloropropene-d4	102		80-128	%REC	1	09/22/2006 23:43	26067
Surr: 2-Hexanone-d5	38.4		37-169	%REC	1	09/22/2006 23:43	26067
Surr: Bromoform-d	130		76-135	%REC	1	09/22/2006 23:43	26067
Surr: 1,1,2,2-Tetrachloroethane-d2	106		75-131	%REC	1	09/22/2006 23:43	26067
Surr: 1,2-Dichlorobenzene-d4	124		50-150	%REC	1	09/22/2006 23:43	26067

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: *13-Oct-06*

CLIENT: Earth Tech
Work Order: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: **OLC3.2_VOA**

Sample ID **MB-26067** SampType: **MBLK** TestCode: **OLC3.2_VOA** Prep Date: **09/22/2006** Run ID: **V2_060922B**
Client ID: **MB-26067** Batch ID: **26067** Units: **µg/L** Analysis Date: **09/22/2006** SeqNo: **545754**

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	5.383	0.50	5.000	0	108	49	138	0	0		
Surr: Chloroethane-d5	5.355	0.50	5.000	0	107	60	126	0	0		
Surr: 1,1-Dichloroethene-d2	4.396	0.50	5.000	0	87.9	65	130	0	0		
Surr: 2-Butanone-d5	6.135	5.0	5.000	0	123	42	171	0	0		
Surr: Chloroform-d	5.203	0.50	5.000	0	104	80	123	0	0		
Surr: 1,2-Dichloroethane-d4	5.379	0.50	5.000	0	108	78	129	0	0		
Surr: Benzene-d6	5.451	0.50	5.000	0	109	78	121	0	0		
Surr: 1,2-Dichloropropane-d6	4.791	0.50	5.000	0	95.8	84	123	0	0		
Surr: Toluene-d8	5.388	0.50	5.000	0	108	77	120	0	0		
Surr: trans-1,3-Dichloropropene-d4	5.424	0.50	5.000	0	108	80	128	0	0		
Surr: 2-Hexanone-d5	3.170	5.0	5.000	0	63.4	37	169	0	0		
Surr: Bromoform-d	6.380	0.50	5.000	0	128	76	135	0	0		
Surr: 1,1,2,2-Tetrachloroethane-d2	5.103	0.50	5.000	0	102	75	131	0	0		
Surr: 1,2-Dichlorobenzene-d4	6.093	0.50	5.000	0	122	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: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: OLC3.2_VOA

Sample ID **MB-26050** SampType: **MBLK** TestCode: **OLC3.2_VOA** Prep Date: **09/22/2006** Run ID: **V2_060922A**
Client ID: **MB-26050** Batch ID: **26050** Units: **µg/L** Analysis Date: **09/22/2006** SeqNo: **546630**

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	4.981	0.50	5.000	0	99.6	49	138	0	0		
Surr: Chloroethane-d5	4.889	0.50	5.000	0	97.8	60	126	0	0		
Surr: 1,1-Dichloroethene-d2	4.219	0.50	5.000	0	84.4	65	130	0	0		
Surr: 2-Butanone-d5	5.016	5.0	5.000	0	100	42	171	0	0		
Surr: Chloroform-d	5.048	0.50	5.000	0	101	80	123	0	0		
Surr: 1,2-Dichloroethane-d4	5.270	0.50	5.000	0	105	78	129	0	0		
Surr: Benzene-d6	5.012	0.50	5.000	0	100	78	121	0	0		
Surr: 1,2-Dichloropropane-d6	4.296	0.50	5.000	0	85.9	84	123	0	0		
Surr: Toluene-d8	5.076	0.50	5.000	0	102	77	120	0	0		
Surr: trans-1,3-Dichloropropene-d4	5.208	0.50	5.000	0	104	80	128	0	0		
Surr: 2-Hexanone-d5	3.423	5.0	5.000	0	68.5	37	169	0	0		
Surr: Bromoform-d	5.257	0.50	5.000	0	105	76	135	0	0		
Surr: 1,1,2,2-Tetrachloroethane-d2	4.989	0.50	5.000	0	99.8	75	131	0	0		
Surr: 1,2-Dichlorobenzene-d4	5.210	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

CLIENT: Earth Tech
Work Order: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: OLC3.2_VOA

Sample ID **LCS-26067** SampType: **LCS** TestCode: **OLC3.2_VOA** Prep Date: **09/22/2006** Run ID: **V2_060922B**
Client ID: **LCS-26067** Batch ID: **26067** Units: **µg/L** Analysis Date: **09/22/2006** SeqNo: **545755**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	4.034	0.50	5.000	0	80.7	61	145	0	0		
Benzene	4.760	0.50	5.000	0	95.2	76	127	0	0		
Trichloroethene	5.091	0.50	5.000	0	102	71	120	0	0		
Toluene	4.896	0.50	5.000	0	97.9	76	125	0	0		
Chlorobenzene	4.754	0.50	5.000	0	95.1	75	130	0	0		
Surr: Vinyl chloride-d3	5.163	0.50	5.000	0	103	49	138	0	0		
Surr: Chloroethane-d5	5.313	0.50	5.000	0	106	60	126	0	0		
Surr: 1,1-Dichloroethene-d2	5.160	0.50	5.000	0	103	65	130	0	0		
Surr: 2-Butanone-d5	4.911	5.0	5.000	0	98.2	42	171	0	0		
Surr: Chloroform-d	5.192	0.50	5.000	0	104	80	123	0	0		
Surr: 1,2-Dichloroethane-d4	5.383	0.50	5.000	0	108	78	129	0	0		
Surr: Benzene-d6	5.309	0.50	5.000	0	106	78	121	0	0		
Surr: 1,2-Dichloropropane-d6	4.673	0.50	5.000	0	93.5	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	5.116	0.50	5.000	0	102	80	128	0	0		
Surr: 2-Hexanone-d5	2.343	5.0	5.000	0	46.9	37	169	0	0		
Surr: Bromoform-d	5.947	0.50	5.000	0	119	76	135	0	0		
Surr: 1,1,2,2-Tetrachloroethane-d2	4.893	0.50	5.000	0	97.9	75	131	0	0		
Surr: 1,2-Dichlorobenzene-d4	5.948	0.50	5.000	0	119	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: *02-Oct-06*

Client: Earth Tech
Client Sample ID: EFF 9/06
Lab ID: E1430-01

Project: NOW Corp. Site
Collection Date: 09/19/06 11:40

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM			**E1664**				
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	09/27/2006 00:00	26130

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-Oct-06*

Client: Earth Tech
Client Sample ID: INF 9/06
Lab ID: E1430-02

Project: NOW Corp. Site
Collection Date: 09/19/06 11:55

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
OIL & GREASE, HEM			**E1664**				
Oil & Grease, Total Recoverable	ND		5.0	mg/L	1	09/27/2006 00:00	26130

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-Oct-06*

CLIENT: Earth Tech
Work Order: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: **E1664**

Sample ID **MB-26130**	SampType: **MBLK**	TestCode: **E1664**		Prep Date: **09/27/2006**			Run ID: **MANUAL_060927B**		
Client ID: **MB-26130**	Batch ID: **26130**	Units: **mg/L**		Analysis Date: **09/27/2006**			SeqNo: **546422**		
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-26130**	SampType: **LCS**	TestCode: **E1664**		Prep Date: **09/27/2006**			Run ID: **MANUAL_060927B**		
Client ID: **LCS-26130**	Batch ID: **26130**	Units: **mg/L**		Analysis Date: **09/27/2006**			SeqNo: **546423**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	RPD Ref Val	%RPD	RPDLimit Qual
Oil & Grease, Total Recoverable	29.10	5.0	40.00	0	72.8	62.9 117	0	0	

Sample ID **LCSD-26130**	SampType: **LCSD**	TestCode: **E1664**		Prep Date: **09/27/2006**			Run ID: **MANUAL_060927B**		
Client ID: **LCSD-26130**	Batch ID: **26130**	Units: **mg/L**		Analysis Date: **09/27/2006**			SeqNo: **546424**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	RPD Ref Val	%RPD	RPDLimit Qual
Oil & Grease, Total Recoverable	28.90	5.0	40.00	0	72.3	62.9 117	29.10	0.69	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: *02-Oct-06*

Client: Earth Tech
Client Sample ID: EFF 9/06
Lab ID: E1430-01

Project: NOW Corp. Site
Collection Date: 09/19/06 11:40

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP				**SW6010B_W**			
Aluminum	ND		100	µg/L	1	09/27/2006 17:01	26143
Arsenic	ND		10	µg/L	1	09/27/2006 17:01	26143
Barium	ND		100	µg/L	1	09/27/2006 17:01	26143
Chromium	ND		10	µg/L	1	09/27/2006 17:01	26143
Copper	ND		13	µg/L	1	09/27/2006 17:01	26143
Iron	ND		100	µg/L	1	09/27/2006 17:01	26143
Manganese	88		25	µg/L	1	09/27/2006 17:01	26143
Nickel	ND		25	µg/L	1	09/27/2006 17:01	26143
Zinc	ND		25	µg/L	1	09/28/2006 15:06	26143
MERCURY BY FIA				**SW7470A**			
Mercury	ND		0.28	µg/L	1	09/26/2006 13:35	26114
TOTAL DISSOLVED SOLIDS				**SM2540_TDS**			
Total Dissolved Solids	260		10	mg/L	1	09/22/2006 15:00	26061
TOTAL SUSPENDED SOLIDS				**SM2540_TSS**			
Total Suspended Solids	ND		10	mg/L	1	09/22/2006 15:00	26062
TOTAL CYANIDE				**SW9012B_W**			
Cyanide	ND		10	µg/L	1	09/29/2006 13:55	26124

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-Oct-06*

Client: Earth Tech
Client Sample ID: INF 9/06
Lab ID: E1430-02

Project: NOW Corp. Site
Collection Date: 09/19/06 11:55

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
METALS BY ICP				**SW6010B_W**			
Aluminum	ND		100	µg/L	1	09/27/2006 17:17	26143
Arsenic	ND		10	µg/L	1	09/27/2006 17:17	26143
Barium	ND		100	µg/L	1	09/27/2006 17:17	26143
Chromium	ND		10	µg/L	1	09/27/2006 17:17	26143
Copper	ND		13	µg/L	1	09/27/2006 17:17	26143
Iron	ND		100	µg/L	1	09/27/2006 17:17	26143
Manganese	140		25	µg/L	1	09/27/2006 17:17	26143
Nickel	ND		25	µg/L	1	09/27/2006 17:17	26143
Zinc	26		25	µg/L	1	09/28/2006 15:16	26143
MERCURY BY FIA				**SW7470A**			
Mercury	ND		0.28	µg/L	1	09/26/2006 13:37	26114
TOTAL DISSOLVED SOLIDS				**SM2540_TDS**			
Total Dissolved Solids	310		10	mg/L	1	09/22/2006 15:00	26061
TOTAL SUSPENDED SOLIDS				**SM2540_TSS**			
Total Suspended Solids	ND		10	mg/L	1	09/22/2006 15:00	26062
TOTAL CYANIDE				**SW9012B_W**			
Cyanide	ND		10	µg/L	1	09/29/2006 14:03	26124

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: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: **SM2540_TDS**

Sample ID: **MB-26061**	SampType: **MBLK**	TestCode: **SM2540_TDS**		Prep Date: **9/22/06**				Run ID: **MANUAL_060922C**		
Client ID: **MB-26061**	Batch ID: **26061**	Units: **mg/L**		Analysis Date: **9/22/06**				SeqNo: **544977**		
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-26061**	SampType: **LCS**	TestCode: **SM2540_TDS**		Prep Date: **9/22/06**				Run ID: **MANUAL_060922C**		
Client ID: **LCS-26061**	Batch ID: **26061**	Units: **mg/L**		Analysis Date: **9/22/06**				SeqNo: **544978**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids	713.0	10	744.0	0	95.8	81.5	116	0	0		

Sample ID: **E1430-02CDUP**	SampType: **DUP**	TestCode: **SM2540_TDS**		Prep Date: **9/22/06**				Run ID: **MANUAL_060922C**		
Client ID: **INF 9/06**	Batch ID: **26061**	Units: **mg/L**		Analysis Date: **9/22/06**				SeqNo: **544981**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids	306.0	10	0	0	0	0	0	309.0	0.976	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: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SM2540_TSS

Sample ID: MB-26062	SampType: MBLK	TestCode: SM2540_TSS	Prep Date: 9/22/06	Run ID: MANUAL_060922B
Client ID: MB-26062	Batch ID: 26062	Units: mg/L	Analysis Date: 9/22/06	SeqNo: 544601

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-26062	SampType: LCS	TestCode: SM2540_TSS	Prep Date: 9/22/06	Run ID: MANUAL_060922B
Client ID: LCS-26062	Batch ID: 26062	Units: mg/L	Analysis Date: 9/22/06	SeqNo: 544602

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Suspended Solids	71.00	10	74.90	0	94.8	73.2	116	0	0		

Sample ID: E1430-02CDUP	SampType: DUP	TestCode: SM2540_TSS	Prep Date: 9/22/06	Run ID: MANUAL_060922B
Client ID: INF 9/06	Batch ID: 26062	Units: mg/L	Analysis Date: 9/22/06	SeqNo: 544609

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: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW6010B_W

Sample ID: **MB-26143** SampType: **MBLK** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060927D**
Client ID: **MB-26143** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/27/06** SeqNo: **546109**

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

Sample ID: **MB-26143** SampType: **MBLK** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060928A**
Client ID: **MB-26143** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/28/06** SeqNo: **546297**

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

Sample ID: **LCS-26143** SampType: **LCS** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060927D**
Client ID: **LCS-26143** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/27/06** SeqNo: **546110**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8532	100	9100	0	93.8	80	120	0	0		
Arsenic	436.9	10	455.0	0	96.0	80	120	0	0		
Barium	8538	100	9100	0	93.8	80	120	0	0		
Chromium	866.9	10	910.0	0	95.3	80	120	0	0		
Copper	1083	15	1130	0	95.9	80	120	0	0		
Iron	4241	100	4550	0	93.2	80	120	0	0		
Manganese	2106	25	2270	0	92.8	80	120	0	0		
Nickel	2159	25	2270	0	95.1	80	120	0	0		

Sample ID: **LCS-26143** SampType: **LCS** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060928A**
Client ID: **LCS-26143** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/28/06** SeqNo: **546298**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	2099	25	2270	0	92.5	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: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW6010B_W

Sample ID: **E1430-01BMS** SampType: **MS** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060927D**
Client ID: **EFF 9/06** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/27/06** SeqNo: **546113**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	8632	100	9100	0	94.9	80	120	0	0		
Arsenic	437.4	10	455.5	0	96.0	80	120	0	0		
Barium	8318	100	9100	78.09	90.5	80	120	0	0		
Chromium	852.5	10	910.0	1.247	93.5	80	120	0	0		
Copper	1064	15	1130	9.532	93.3	80	120	0	0		
Iron	4122	100	4550	19.55	90.2	80	120	0	0		
Manganese	2124	25	2270	88.41	89.7	80	120	0	0		
Nickel	2098	25	2270	2.128	92.3	80	120	0	0		

Sample ID: **E1430-01BMS** SampType: **MS** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060928A**
Client ID: **EFF 9/06** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/28/06** SeqNo: **546301**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	2075	25	2270	19.90	90.5	80	120	0	0		

Sample ID: **E1430-01BDUP** SampType: **DUP** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060927D**
Client ID: **EFF 9/06** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/27/06** SeqNo: **546112**

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	78.09	0	20	
Chromium	ND	10	0	0	0	0	0	1.247	0	20	
Copper	ND	15	0	0	0	0	0	9.532	0	20	
Iron	ND	100	0	0	0	0	0	19.55	0	20	
Manganese	87.33	25	0	0	0	0	0	88.41	1.23	20	
Nickel	ND	25	0	0	0	0	0	2.128	0	20	

Sample ID: **E1430-01BDUP** SampType: **DUP** TestCode: **SW6010B_W** Prep Date: **9/27/06** Run ID: **OPTIMA3_060928A**
Client ID: **EFF 9/06** Batch ID: **26143** Units: **µg/L** Analysis Date: **9/28/06** SeqNo: **546300**

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	19.90	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: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW7470A

Sample ID: **MB-26114**	SampType: **MBLK**	TestCode: **SW7470A**			Prep Date: **9/26/06**			Run ID: **FIMS1_060926B**			
Client ID: **MB-26114**	Batch ID: **26114**	Units: **µg/L**			Analysis Date: **9/26/06**			SeqNo: **545067**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		ND	0.20									

Sample ID: **LCS-26114**	SampType: **LCS**	TestCode: **SW7470A**			Prep Date: **9/26/06**			Run ID: **FIMS1_060926B**			
Client ID: **LCS-26114**	Batch ID: **26114**	Units: **µg/L**			Analysis Date: **9/26/06**			SeqNo: **545068**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		4.749	0.20	4.550	0	104	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

CLIENT: Earth Tech
Work Order: E1430
Project: NOW Corp. Site

ANALYTICAL QC SUMMARY REPORT

TestCode: SW9012B_W

Sample ID: MB-26124	SampType: MBLK	TestCode: SW9012B_W		Prep Date: 9/26/06		Run ID: LACHAT1_060929A					
Client ID: MB-26124	Batch ID: 26124	Units: µg/L		Analysis Date: 9/29/06		SeqNo: 547111					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	20									

Sample ID: LCS-26124	SampType: LCS	TestCode: SW9012B_W		Prep Date: 9/26/06		Run ID: LACHAT1_060929A					
Client ID: LCS-26124	Batch ID: 26124	Units: µg/L		Analysis Date: 9/29/06		SeqNo: 547112					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	84.72	20	100.0	0	84.7	52.5	145	0	0		

Sample ID: E1430-01EMS	SampType: MS	TestCode: SW9012B_W		Prep Date: 9/26/06		Run ID: LACHAT1_060929A					
Client ID: EFF 9/06	Batch ID: 26124	Units: µg/L		Analysis Date: 9/29/06		SeqNo: 547117					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	87.39	20	100.0	0	87.4	75	125	0	0		

Sample ID: E1430-01EDUP	SampType: DUP	TestCode: SW9012B_W		Prep Date: 9/26/06		Run ID: LACHAT1_060929A					
Client ID: EFF 9/06	Batch ID: 26124	Units: µg/L		Analysis Date: 9/29/06		SeqNo: 547116					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	20	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

Mitkem Corporation

21/Sep/06 08:00

WorkOrder: E1430

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

Case:
SDG:
PO: 55849.01

Report Level: LEVEL 2
EDD:
HC Due: 10/11/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E1430-01A	EFF 9/06	09/19/2006 11:40	09/20/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1430-01B	EFF 9/06	09/19/2006 11:40	09/20/2006	Aqueous	SW6010B_W	Prep=50mL initial vol to 25mL f	☐	☐	☑	M1
					SW7470A		☐	☐	☐	M1
E1430-01C	EFF 9/06	09/19/2006 11:40	09/20/2006	Aqueous	SM2540_TDS		☐	☐	☐	E2
					SM2540_TSS		☐	☐	☐	E2
E1430-01D	EFF 9/06	09/19/2006 11:40	09/20/2006	Aqueous	E1664		☐	☐	☐	E2
E1430-01E	EFF 9/06	09/19/2006 11:40	09/20/2006	Aqueous	SW9012B_W		☐	☐	☑	E2
E1430-02A	INF 9/06	09/19/2006 11:55	09/20/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1430-02B	INF 9/06	09/19/2006 11:55	09/20/2006	Aqueous	SW6010B_W	Prep=50mL initial vol to 25mL f	☐	☐	☑	M1
					SW7470A		☐	☐	☐	M1
E1430-02C	INF 9/06	09/19/2006 11:55	09/20/2006	Aqueous	SM2540_TDS		☐	☐	☐	E2
					SM2540_TSS		☐	☐	☐	E2

Client Rep: Edward A Lawler

Mitkem Corporation

21/Sep/06 08:00

WorkOrder: E1430

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

Case:
SDG:
PO: 55849.01

Report Level: LEVEL 2
EDD:
HC Due: 10/11/06
Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
E1430-02D	INF 9/06	09/19/2006 11:55	09/20/2006	Aqueous	E1664		☐	☐	☐	E2
E1430-02E	INF 9/06	09/19/2006 11:55	09/20/2006	Aqueous	SW9012B_W		☐	☐	☑	E2
E1430-03A	TW-1	09/19/2006 12:05	09/20/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1430-04A	TW-2A	09/19/2006 12:10	09/20/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1430-05A	TW-3	09/19/2006 12:15	09/20/2006	Aqueous	OLC3.2_VOA		☐	☐	☑	VOA
E1430-06A	TRIP BLANK	09/19/2006 00:00	09/20/2006	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	PHONE 518 951-2200	COMPANY Same	PHONE	LAB PROJECT #: E1430
NAME Steve Choiniere	FAX 518 951-2300	NAME	FAX	
ADDRESS 40 British American Blvd.		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Latham NY 12110		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
New Corp	94017.02	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: 8260	Metals *	TSS	TDS	O+G	Cyanide	COMMENTS
EFF 9/06	9/19/06 11:40		X	X			01	6	X	X	X	X	X	X	
INF 9/06	11:55		X	X			02	6	X	X	X	X	X	X	
TW-1	12:05		X	X			03	2	X						
TW-2A	12:10		X	X			04	2	X						
TW-3	12:15		X	X			05	2	X						
Trip Blank	— / —						06	2	X						
	/														
	/														
	/														
	/														
	/														
	/														

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
	[signature]	9/19/06 1:20	[signature]	9-20-06 8:40
		/		/
		/		/

ADDITIONAL REMARKS:
* Al, As, Ba, Cr, Cu, Fe, Mn, Hg, Zn and N

COOLER TEMP: 3°

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