

**Operation, Maintenance and Monitoring Report
August 2005**

**NOW Corporation Site
Site 3-14-008**

**Work Assignment No.
D003821-29**

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**

October 14, 2005

Mr. Carl Hoffman, P.E.
NYSDEC Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7013

**Re: NOW Corporation - Site #3-14-008
Monthly Summary Report – “August” 2005**

Dear Mr. Hoffman:

Enclosed is a monthly summary report on the operation, monitoring and maintenance (OM&M) of the remedial system at the NOW Corporation site in the Town of Clinton, New York. This report describes the OM&M of the soil vapor extraction (SVE) system and the groundwater pump-and-treat (P&T) system for a 41-day period (**July 27 – September 6, 2005**).

With the exceptions noted below, the P&T and SVE systems were online and operational throughout the reporting period. Approximately 325,300 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 7,900 gallons per day (gpd). During the prior reporting period, the average discharge was 10,800 gpd.

As of the last day of the reporting period, a total of 47,546,400 gallons of groundwater had been recovered and treated by the system since it became operational in February 1998.

Table 1 summarizes influent and effluent analytical data for water samples collected on August 22, 2005. There were no exceedances of effluent limitations. Table 2 summarizes the operation and maintenance data recorded on the last day of the reporting period, while Table 3 summarizes monitoring well water-level data collected on the sampling date. Table 4 summarizes the SVE system air analytical data, as well as the analytical results from a sample of the air-stripper stack emissions (sample PAS). A copy of each laboratory data report (water and air) is included in this report.

Earth Tech made four site visits during the reporting period to conduct the required system inspections, perform scheduled and/or unscheduled maintenance, make monitoring-well water-level measurements, and conduct monthly sampling. An additional visit was completed to conduct the annual groundwater sampling. Details follow:

August 2nd – Special maintenance visit. Technicians dismantled, cleaned and reassembled the air stripper; and drained and cleaned sludge/scale from the three settling tanks. They also cleaned the effluent flow meter.

August 16th - Remote monitoring on August 13th showed a water level of 0 feet in recovery well TW-3, suggesting either the transducer or the Red Lion controller had failed. An alarm fax transmission by the PLC on Sunday August 14 indicated that the entire P&T/SVE system had shut down due to a thermal alarm in the air-stripper blower. Technicians mobilized to the site on the 16th to investigate the two problems. The breakers

Page 2
Mr. Carl Hoffman
NYSDEC

for TW-3 and for the stripper blower were found to have tripped, and the controller for the same well had failed. The systems were started with TW-3 remaining offline until the controller could be repaired or replaced.

August 22nd - Routine bi-weekly system inspection, monthly sampling, and monitoring-well water-level measurements. Technicians changed oil in the vapor blower motor. The pump in well TW-3 was run manually in order to purge the discharge line so a representative sample could be collected, then it was shut down.

August 25th - Groundwater samples were collected from 12 site-related monitoring wells. Three wells were essentially dry, rendering them impossible to sample. All monitoring well analytical data will be summarized in a future monthly report after the three wells have been sampled. With abundant rain in the past week, we are hopeful that we will be able to sample on October 19th when we return to the site for a routine O&M visit.

September 6th - Routine bi-weekly system inspection and monitoring-well water-level measurements.

Please feel free to contact me at (518) 951-2262 if you have any questions regarding either this report, or the operation of the treatment system.

Sincerely,
Earth Tech Northeast



Stephen R. Choiniere
Project Manager

Attachments

TABLES

Table 1
Summary of Influent and Effluent Data
Sampling Date: August 22, 2005
NOW Corporation Site
Town of Clinton, New York

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations	
			TW-1	TW-2A	TW-3	(units)	
Quantity treated, per day		7,934				Monitor	gpd
pH	7.1	7.7	NA	NA	NA	6.5 to 8.5	standard units
Oil and Grease	1.9	3.0	NA	NA	NA	15	mg/L
Total Cyanide	<0.01	<0.01	NA	NA	NA	0.01	mg/L
TDS	340	330	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	0.081	0.08	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	0.097	0.096	NA	NA	NA	2	mg/L
Chromium	<0.001	<0.001	NA	NA	NA	0.1	mg/L
Copper	<0.001	0.003	NA	NA	NA	0.024	mg/L
Iron	0.109	0.007	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	0.241	0.088	NA	NA	NA	0.6	mg/L
Nickel	0.002	0.002	NA	NA	NA	0.2	mg/L
Zinc	0.009	0.008	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	1100	<0.5	2.9	1800	8.1	5	ug/L
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	610	<0.5	100	500	18	5	ug/L
1,1-Dichloroethene	83	<0.5	15	120	1.1	0.5	ug/L
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	ug/L
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	ug/L
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Chloroethane	2.1	<0.5	5.9	2.9	<0.5	5	ug/L
cis-1,2-Dichloroethene	18	<0.5	2.4	22	<0.5	5	ug/L
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Methyl tert-butyl ether	<2	<2	<2	<2	<2	5	ug/L
o-Xylene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
p&m-Xylene	<0.5	<0.5	<0.5	<0.5	<0.5	10	ug/L
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	1.4	ug/L
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	0.6	<0.5	5	ug/L
Trichloroethene	500	<0.5	54	800	5.7	5	ug/L
Vinyl Chloride	1.9	<0.5	2.1	1.8	<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 "August" 2005 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		9/6/2005	Units
<i>TW-1</i>			
	Pumping Rate	1	GPM
	Water Level Above Transducer	36.29	feet
	Flow Meter Reading	2,997,900	gallons
	Pump Pressure	84	psi
<i>TW-2A</i>			
	Pumping Rate	5	GPM
	Water Level Above Transducer	15.57	feet
	Flow Meter Reading	2,038,900	gallons
	Pump Pressure	50	psi
<i>TW-3</i>			
	Pumping Rate	-	GPM
	Water Level Above Transducer	-	feet
	Flow Meter Reading	-	gallons
	Pump Pressure	-	psi
<i>Air Stripper</i>			
	Stripper Blower Pressure	-	inches H ₂ O
	Air Temperature in Stripper	54	°F
	Pressure Gauge - Left Leg	1.9	inches H ₂ O
	Pressure Gauge - Right Leg	1.4	inches H ₂ O
	Pressure/Vacuum on the Stripper	-	inches H ₂ O
<i>Effluent Flow</i>			
	Total System Meter Reading	47,546,400	gallons
	IW-1 Flow Meter Reading	-	gallons
	IW-2 Flow Meter Reading	-	gallons
<i>Vapor Extraction System</i>			
	Vapor Blower Vacuum	5.0	inches Hg
	Vacuum before Filter with Dilution Air	4.5	inches Hg
	Vacuum on Knock-out Pot	8.5	inches Hg
	Blower Inlet Temperature	70	°F
	Blower Outlet Temperature	166	°F
	Pressure After Blower	70	psi
	Heat Exchanger Outlet Temperature	70	°F

Note: N/A indicates data/measurement is not available.
NW - Not working

Table 3
August 2005 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	8/22/2005	
		Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	21.18	268.32
MW-2	332.51	37.35	295.16
MW-3	312.83	36.83	276.00
MW-3S	312.51	31.34	281.17
MW-4	298.29	28.67	269.62
MW-4D	298.16	28.52	269.64
MW-5	285.48	21.33	264.15
MW-6S	287.90	23.87	264.03
MW-6D	287.25	18.57	268.68
MW-7S	292.12	31.64	260.48
MW-7D	292.54	76.45	216.09
OW-1	307.75	62.63	245.12
OW-2	305.96	71.38	234.58
OW-6	294.81	18.48	276.33
IW-1	312.46	43.10	269.36
IW-2	306.56	46.48	260.08
MW-8	283.65	N/A	N/A
MW-9	275.37	N/A	N/A
MW-10	280.92	N/A	N/A
MW-11	283.72	N/A	N/A
OW-3	307.35	N/A	N/A
OW-4	308.30	N/A	N/A
OW-5	307.41	N/A	N/A
TW-2	290.52	N/A	N/A

*Note: N/A indicates groundwater level was not measured.
MP denotes measuring point.*

Table 4
SVE and Groundwater Treatment Systems Air Sampling Data
Sampling Date: August 22, 2005

NOW Corporation Site
Town of Clinton, New York

Analyte	TW-1VE		VE-1VE		VE-2VE		TW-2AVE		ST-1		PAS		SVE-EXH		ST-4	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Vinyl Chloride	ND	10.0	NS	NA	NS	NA	37	30.0	11	10.0	ND	5.0	ND	1.0	ND	1.0
Chloroethane	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	ND	5.0	ND	1.0	ND	1.0
1,1-Dichloroethene	63	10.0	NS	NA	NS	NA	210	30.0	65	10.0	16	5.0	5.2	1.0	3.0	1.0
1,1-Dichloroethane	210	10.0	NS	NA	NS	NA	620	30.0	220	10.0	270	5.0	14.0	1.0	17	1.0
cis-1,2-Dichloroethene	58	10.0	NS	NA	NS	NA	240	30.0	62	10.0	11	5.0	6.0	1.0	8.7	1.0
1,1,1-Trichloroethane	460	10.0	NS	NA	NS	NA	2200	30.0	480	10.0	850	10.0	42	1.0	2.2	1.0
Benzene	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	ND	5.0	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	ND	5.0	ND	1.0	ND	1.0
Trichloroethene	1600	10.0	NS	NA	NS	NA	6100	30.0	1600	10.0	260	5.0	11.0	1.0	ND	1.0
Toluene	13	10.0	NS	NA	NS	NA	ND	30.0	17	10.0	18	5.0	28	1.0	23	1.0
1,1,2-Trichloroethane	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	ND	5.0	ND	1.0	ND	1.0
Tetrachloroethene	ND	10.0	NS	NA	NS	NA	39.0	30.0	ND	10.0	ND	5.0	ND	1.0	ND	1.0
Chlorobenzene	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	ND	5.0	ND	1.0	ND	1.0
Ethylbenzene	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	ND	5.0	1.3	1.0	1.2	1.0
p&m -Xylene	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	9.5	5.0	4.6	1.0	4.0	1.0
o-Xylene	ND	10.0	NS	NA	NS	NA	ND	30.0	ND	10.0	ND	5.0	1.4	1.0	1.3	1.0

Notes:

- 1) All results are reported in ppbv.
- 2) Positive results are presented in **bold** typeface.
- 3) ND indicates analyte was not detected at stated RL.
- 4) RL = reporting limit
- 5) NS = not sampled
- 6) NA = not applicable
- 7) D = Result reported from secondary dilution

Sample IDs:

TW-1VE = Well TW-1 Dual-Phase Vapor Extraction
TW-2AVE = Well TW-2A Dual-Phase Vapor Extraction
VE-1VE = Well VE-1 Vapor Extraction (offline)
VE-2VE = Well VE-2 Vapor Extraction (offline)
ST-1 = Sampling Tap #1 (Raw; Four Vapor Extraction Wells Combined)
SVE-EXH = Intermediate Sampling Tap, Between (2) 55-gal. drum carbon adsorbers
ST-4 = Sampling Tap #4 (Final, After 2nd Carbon Adsorber)
PAS = Air-stripper stack emissions

**INFLUENT & EFFLUENT WATER
ANALYTICAL REPORT**



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 01, 2005

FOR: Attn: Mr. Steve Choiniere
EarthTech Inc.
40 British American Boulevard
Latham NY 12110

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#:

Custody Information

Collected by: SG
Received by: LB
Analyzed by: see "By" below

Date Time
08/22/05 11:25
08/23/05 9:00

Laboratory Data

SDG I.D.: GAG63963
Phoenix I.D.: AG63963

Client ID: NOW CORP EFFLUENT 8/05

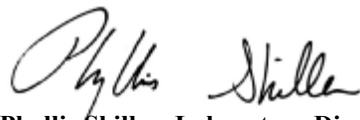
Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.08	0.01	mg/L	08/24/05		EKT	200.7/6010
Arsenic	< 0.004	0.004	mg/L	08/24/05		EKT	200.7/6010
Barium	0.096	0.002	mg/L	08/24/05		EKT	6010/E200.7
Chromium	< 0.001	0.001	mg/L	08/24/05		EKT	200.7/6010
Copper	0.003	0.001	mg/L	08/24/05		EK	6010/E200.7
Iron	0.007	0.002	mg/L	08/24/05		EK	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	08/24/05		RS	7470/E245.1
Manganese	0.088	0.001	mg/L	08/24/05		EKT	200.7/6010
Nickel	0.002	0.002	mg/L	08/24/05		EKT	200.7/6010
Zinc	0.008	0.002	mg/L	08/24/05		EKT	200.7/6010
Oil and Grease by EPA 1664	3.0	1.4	mg/L	08/25/05		LK	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	08/25/05		J/G	9010/335.3
Tot. Diss. Solids	330	10	mg/L	08/23/05		KL	SM2540C
Total Suspended Solids	< 5	5	mg/L	08/23/05		KL	SM2540D
Mercury Digestion	Completed			08/24/05		E	E245.1
Total Metals Digestion	Completed			08/23/05		AG	
<u>Volatiles</u>							
1,1,1-Trichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
Benzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	08/24/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	08/24/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Toluene	ND	0.5	ug/L	08/24/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	08/24/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	100		%	08/24/05		RM	SW8260

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 01, 2005

FOR: Attn: Mr. Steve Choiniere
EarthTech Inc.
40 British American Boulevard
Latham NY 12110

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#:

Custody Information

Collected by: SG
Received by: LB
Analyzed by: see "By" below

Date

08/22/05
08/23/05

Time

12:00
9:00

Laboratory Data

SDG I.D.: GAG63963
Phoenix I.D.: AG63964

Client ID: NOW CORP INFLUENT 8/05

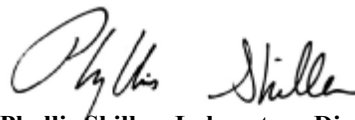
Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.081	0.01	mg/L	08/24/05		EKT	200.7/6010
Arsenic	< 0.004	0.004	mg/L	08/24/05		EKT	200.7/6010
Barium	0.097	0.002	mg/L	08/24/05		EKT	6010/E200.7
Chromium	< 0.001	0.001	mg/L	08/24/05		EKT	200.7/6010
Copper	< 0.001	0.001	mg/L	08/24/05		EK	6010/E200.7
Iron	0.109	0.002	mg/L	08/24/05		EK	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	08/24/05		RS	7470/E245.1
Manganese	0.241	0.001	mg/L	08/24/05		EKT	200.7/6010
Nickel	0.002	0.002	mg/L	08/24/05		EKT	200.7/6010
Zinc	0.009	0.002	mg/L	08/24/05		EKT	200.7/6010
Oil and Grease by EPA 1664	1.9	1.4	mg/L	08/25/05		LK	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	08/25/05		J/G	9010/335.3
Tot. Diss. Solids	340	10	mg/L	08/23/05		KL	SM2540C
Total Suspended Solids	< 5	5	mg/L	08/23/05		KL	SM2540D
Mercury Digestion	Completed			08/24/05		E	E245.1
Total Metals Digestion	Completed			08/23/05		AG	
<u>Volatiles</u>							
1,1,1-Trichloroethane	1100	25	ug/L	08/24/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethane	610	25	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethene	83	0.5	ug/L	08/24/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
Benzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	08/24/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	2.1	0.5	ug/L	08/24/05		RM	SW8260
cis-1,2-Dichloroethene	18	0.5	ug/L	08/24/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	08/24/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Toluene	ND	0.5	ug/L	08/24/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Trichloroethene	500	25	ug/L	08/24/05		RM	SW8260
Vinyl chloride	1.9	0.5	ug/L	08/24/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	110		%	08/24/05		RM	SW8260

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 01, 2005

FOR: Attn: Mr. Steve Choiniere
EarthTech Inc.
40 British American Boulevard
Latham NY 12110

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#:

Custody Information

Collected by: SG
Received by: LB
Analyzed by: see "By" below

Date

08/22/05
08/23/05

Time

12:30
9:00

Laboratory Data

SDG I.D.: GAG63963
Phoenix I.D.: AG63965

Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Volatiles

1,1,1-Trichloroethane	2.9	0.5	ug/L	08/24/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethane	100	5.0	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethene	15	0.5	ug/L	08/24/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
Benzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chloroethane	5.9	0.5	ug/L	08/24/05		RM	SW8260
cis-1,2-Dichloroethene	2.4	0.5	ug/L	08/24/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	08/24/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Toluene	ND	0.5	ug/L	08/24/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Trichloroethene	54	0.5	ug/L	08/24/05		RM	SW8260
Vinyl chloride	2.1	0.5	ug/L	08/24/05		RM	SW8260

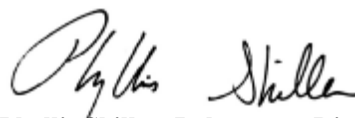
QA/OC Surrogates

% Bromofluorobenzene	100		%	08/24/05		RM	SW8260
----------------------	-----	--	---	----------	--	----	--------

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" written in a larger, more prominent script than the last name "Shiller".

Phyllis Shiller, Laboratory Director
September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 01, 2005

FOR: Attn: Mr. Steve Choiniere
EarthTech Inc.
40 British American Boulevard
Latham NY 12110

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#:

Custody Information

Collected by: SG
Received by: LB
Analyzed by: see "By" below

Date

08/22/05
08/23/05

Time

12:35
9:00

Laboratory Data

SDG I.D.: GAG63963
Phoenix I.D.: AG63966

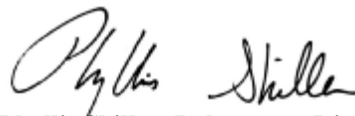
Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	1800	25	ug/L	08/24/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethane	500	25	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethene	120	0.5	ug/L	08/24/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
Benzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chloroethane	2.9	0.5	ug/L	08/24/05		RM	SW8260
cis-1,2-Dichloroethene	22	0.5	ug/L	08/24/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	08/24/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Toluene	ND	0.5	ug/L	08/24/05		RM	SW8260
trans-1,2-Dichloroethene	0.6	0.5	ug/L	08/24/05		RM	SW8260
Trichloroethene	800	25	ug/L	08/24/05		RM	SW8260
Vinyl chloride	1.8	0.5	ug/L	08/24/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	100		%	08/24/05		RM	SW8260

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" written in a larger, more prominent script than the last name "Shiller".

Phyllis Shiller, Laboratory Director
September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 01, 2005

FOR: Attn: Mr. Steve Choiniere
EarthTech Inc.
40 British American Boulevard
Latham NY 12110

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#:

Custody Information

Collected by: SG
Received by: LB
Analyzed by: see "By" below

Date

08/22/05
08/23/05

Time

12:40
9:00

Laboratory Data

SDG I.D.: GAG63963
Phoenix I.D.: AG63967

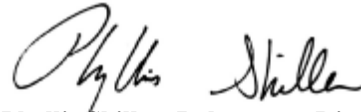
Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	8.1	0.5	ug/L	08/24/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethane	18	0.5	ug/L	08/24/05		RM	SW8260
1,1-Dichloroethene	1.1	0.5	ug/L	08/24/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
Benzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	08/24/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	08/24/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	08/24/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	08/24/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Toluene	ND	0.5	ug/L	08/24/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	08/24/05		RM	SW8260
Trichloroethene	5.7	0.5	ug/L	08/24/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	08/24/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	100		%	08/24/05		RM	SW8260

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" written in a larger, more prominent script than the last name "Shiller".

Phyllis Shiller, Laboratory Director
September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 01, 2005

FOR: Attn: Mr. Steve Choiniere
EarthTech Inc.
40 British American Boulevard
Latham NY 12110

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#:

Custody Information

Collected by: SG
Received by: LB
Analyzed by: see "By" below

Date

08/22/05
08/23/05

Time

0:00
9:00

Laboratory Data

SDG I.D.: GAG63963
Phoenix I.D.: AG63968

Client ID: NOW CORP TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
-----------	--------	----	-------	------	------	----	-----------

Volatiles

1,1,1-Trichloroethane	ND	0.5	ug/L	08/25/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	08/25/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	08/25/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	08/25/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	08/25/05		RM	SW8260
Benzene	ND	0.5	ug/L	08/25/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	08/25/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	08/25/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	08/25/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	08/25/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	08/25/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	08/25/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	08/25/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	08/25/05		RM	SW8260
Toluene	ND	0.5	ug/L	08/25/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	08/25/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	08/25/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	08/25/05		RM	SW8260

QA/OC Surrogates

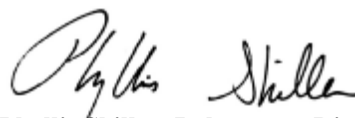
% Bromofluorobenzene	80		%	08/25/05		RM	SW8260
----------------------	----	--	---	----------	--	----	--------

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

TRIP BLANK INCLUDED

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" written in a larger, more prominent script than the last name "Shiller".

Phyllis Shiller, Laboratory Director
September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

September 01, 2005

QA/QC Data

SDG I.D.: GAG63963

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG58772 (AG63963, AG63964)						
Mercury	BDL	96	7.0	97	102	5.0
QA/QC Batch Sample No: AG64082 (AG63963, AG63964)						
<u>ICP Metals - Aqueous</u>						
Aluminum	BDL	98.5	NC	100	98.2	1.8
Antimony	BDL	101	NC	100	99.3	0.7
Arsenic	BDL	101	NC	103	101	2.0
Barium	BDL	102	2.70	103	100	3.0
Beryllium	BDL	103	NC	104	102	1.9
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	103	NC	104	102	1.9
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	102	NC	103	101	2.0
Cobalt	BDL	103	NC	103	102	1.0
Copper	0.001	104	NC	104	103	1.0
Iron	BDL	103	14.6	103	102	1.0
Lead	BDL	103	NC	102	100	2.0
Magnesium	BDL	---	---	---	---	NC
Manganese	0.001	103	3.00	103	101	2.0
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	102	NC	102	101	1.0
Phosphorus	BDL	---	---	---	---	NC
Selenium	BDL	100	NC	102	100	2.0
Silver	BDL	104	NC	102	101	1.0
Thallium	BDL	101	NC	101	99.6	1.4
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	103	NC	103	102	1.0
Zinc	0.002	104	NC	104	102	1.9

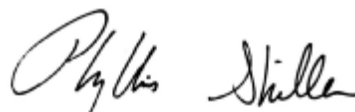
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

A handwritten signature in cursive script, reading "Phyllis Shiller".

Phyllis Shiller, Laboratory Director

September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

September 01, 2005

QA/QC Data

SDG I.D.: GAG63963

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AG63877 (AG63963, AG63964) Tot. Diss. Solids	BDL	97.0	NR	10.9
QA/QC Batch Sample No: AG63877 (AG63963, AG63964) Total Suspended Solids	BDL	98	NR	NC
QA/QC Batch Sample No: AG63963 (AG63963, AG63964) Oil and Grease by EPA 1664	BDL	94.3		NR
QA/QC Batch Sample No: AG63963 (AG63963, AG63964) Total Cyanide	BDL	90	109	NC

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

LCS - Laboratory Control Sample

MS - Matrix Spike

RPD - Relative Percent Difference

Between Sample and Sample Duplicate

Phyllis Shiller, Laboratory Director

September 01, 2005



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

September 01, 2005

QA/QC Data

SDG I.D.: GAG63963

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG63714 (AG63963, AG63964, AG63965, AG63966, AG63967)					
<u>Volatiles Organics</u>					
1,1,1,2-Tetrachloroethane	ND	99			
1,1,1-Trichloroethane	ND	100			
1,1,2,2-Tetrachloroethane	ND	106			
1,1,2-Trichloroethane	ND	99			
1,1-Dichloroethane	ND				
1,1-Dichloroethene	ND	89	99	102	3.0
1,1-Dichloropropene	ND	93			
1,2,3-Trichlorobenzene	ND	92			
1,2,3-Trichloropropane	ND	103			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	88			
1,2,4-Trimethylbenzene	ND	95			
1,2-Dibromo-3-chloropropane	ND	105			
1,2-Dichlorobenzene	ND	99			
1,2-Dichloroethane	ND	99			
1,2-Dichloropropane	ND	94			
1,3,5-Trimethylbenzene	ND	95			
1,3-Dichlorobenzene	ND	96			
1,3-Dichloropropane	ND	101			
1,4-Dichlorobenzene	ND	98			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	95			
4-Chlorotoluene	ND	95			
Benzene	ND	97	100	105	4.9
Bromobenzene	ND	97			
Bromochloromethane	ND	104			
Bromodichloromethane	ND	98			
Bromoform	ND	105			
Bromomethane	ND	98			
Carbon Tetrachloride	ND	93			
Chlorobenzene	ND	94	100	102	2.0
Chloroethane	ND	125			

QA/QC Data

SDG I.D.: GAG63963

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	100			
Chloromethane	ND	128			
cis-1,2-Dichloroethene	ND	97			
cis-1,3-Dichloropropene	ND	93			
Dibromochloromethane	ND	104			
Dibromoethane	ND	98			
Dibromomethane	ND	104			
Dichlorodifluoromethane	ND	97			
Ethylbenzene	ND	91			
Hexachlorobutadiene	ND	82			
Isopropylbenzene	ND	104			
m&p-Xylene	ND	93			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	83			
n-Butylbenzene	ND	83			
n-Propylbenzene	ND	94			
Naphthalene	ND	93			
o-Xylene	ND	91			
p-Isopropyltoluene	ND	94			
sec-Butylbenzene	ND	88			
Styrene	ND	90			
tert-Butylbenzene	ND	93			
Tetrachloroethene	ND	94			
Toluene	ND	90	97	100	3.0
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	94			
trans-1,3-Dichloropropene	ND	93			
Trichloroethene	ND	97	110	108	1.8
Trichlorofluoromethane	ND	107			
Vinyl Chloride	ND	112			
% Bromofluorobenzene	100	98	121	109	10.4

Comment: LFB was analyzed with this batch instead of MS/MSD

QA/QC Batch Sample No: AG64835 (AG63968)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	89			
1,1,1-Trichloroethane	ND	70			
1,1,2,2-Tetrachloroethane	ND	106			
1,1,2-Trichloroethane	ND	91			
1,1-Dichloroethane	ND	96			
1,1-Dichloroethene	ND	95	98	101	3.0
1,1-Dichloropropene	ND	98			

QA/QC Data

SDG I.D.: GAG63963

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	99			
1,2,3-Trichloropropane	ND	98			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	99			
1,2,4-Trimethylbenzene	ND	96			
1,2-Dibromo-3-chloropropane	ND	106			
1,2-Dichlorobenzene	ND	99			
1,2-Dichloroethane	ND				
1,2-Dichloropropane	ND	94			
1,3,5-Trimethylbenzene	ND	97			
1,3-Dichlorobenzene	ND	100			
1,3-Dichloropropane	ND	94			
1,4-Dichlorobenzene	ND	100			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	106			
4-Chlorotoluene	ND	107			
Benzene	ND	95	98	100	2.0
Bromobenzene	ND	107			
Bromochloromethane	ND	99			
Bromodichloromethane	ND	73			
Bromoform	ND	93			
Bromomethane	ND	111			
Carbon Tetrachloride	ND				
Chlorobenzene	ND	104	100	99	1.0
Chloroethane	ND	124			
Chloroform	ND	74			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	100			
cis-1,3-Dichloropropene	ND	77			
Dibromochloromethane	ND	87			
Dibromoethane	ND	91			
Dibromomethane	ND	84			
Dichlorodifluoromethane	ND	82			
Ethylbenzene	ND	103			
Hexachlorobutadiene	ND	85			
Isopropylbenzene	ND	117			
m&p-Xylene	ND	102			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	77			
n-Butylbenzene	ND	97			
n-Propylbenzene	ND	109			
Naphthalene	ND	109			

QA/QC Data

SDG I.D.: GAG63963

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	97			
p-Isopropyltoluene	ND	105			
sec-Butylbenzene	ND	97			
Styrene	ND	103			
tert-Butylbenzene	ND	97			
Tetrachloroethene	ND	99			
Toluene	ND	94	92	96	4.3
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	96			
trans-1,3-Dichloropropene	ND				
Trichloroethene	ND	96	101	102	1.0
Trichlorofluoromethane	ND	81			
Vinyl Chloride	ND	130			
% Bromofluorobenzene	80	83	102	95	7.1

Comment: LFB was analyzed with this batch instead of MS/MSD

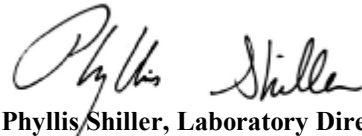
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

RPD - Relative Percent Difference

LCS - Laboratory Control Sample



Phyllis Shiller, Laboratory Director

September 01, 2005

Paul Coleman

Chain of Custody Record



EARTH TECH

A Tyco Infrastructure Service Company

Project Number		Project Name/Client		Custody Seal #		Earth Tech Cooler #	
55849.01		New Corp / Earth Tech					
Sample Custodian: (Signature)		Date		Analysis Required		Matrix	
Steve Jones		8/05		Cyanide		Sample Container	
Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp	PID Reading (ppm)	Label Number
1	EFF	8/05	11:25	X			
2			11:30				
3			11:35				
4			11:40				
5			11:45				
6	INF	8/05	12:00				
7			12:05				
8			12:00				
9			12:15				
10			12:20				
11	TW-1		12:30				
12	TW-2A		12:35				
13	TW-3		12:40				
14	TRIP Bank						
15							
16							
17							
18							
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Disposed of by: (Signature)	
Steve Jones		8/22/05 13:30		Gurpreet K. Nijhola			
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Disposed of by: (Signature)	
Gurpreet K. Nijhola		9/23/05 9 AM		Edison Vacheco			
Send Lab Results To: Steve Choimere		Remarks:		Check Delivery Method:		Laboratory Receiving Notes:	
Earth Tech				☐ Samples delivered in person		Custody Seal Intact?	
40 British American Blvd,				☒ Common carrier <i>East-A-Conn</i>		Temp. of Shipping Container:	
Latham NY 12110		Federal Express Airbill No.:				Sample Condition:	
		Lab:					

Rev. 10/98

White Copy - Lab

Yellow Copy - File

Pink Copy - Client

F514/Earth.Sci

**INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT**

August 29, 2005



Earth Tech
ATTN: Steve Choiniere
40 British American Blvd.
Latham, N.Y. 12110

LABORATORY TEST RESULTS

Project Reference: NOW Corp., 55849.01
Lab Number: A5082302-01/06

Enclosed are results for sample(s) received 8/23/05 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

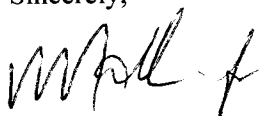
Report Narrative:

- The samples were collected in Tedlar bags, which is a modification of EPA TO-14.
- Sample analyses were performed within method performance criteria, and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.

Results were faxed to Steve Choiniere on 8/26/05.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,



Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Client: EarthTech
Attn: Steve Choiniere

Page 2 of 4
A5082302

Client's Project: NOW CORP., 55849.01
Date Received: 08/23/05
Matrix: Air
Units: ppbv

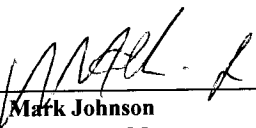
EPA Method TO14											
Lab No:	A5082302-01		A5082302-02		A5082302-03		A5082302-04		A5082302-05		
Client Sample I.D.:	TW - 1VE 8/05		TW - 2AVE 8/05		ST - 1 8/05		PAS 8/05		SVE - EXH 8/05		
Date Sampled:	08/22/05		08/22/05		08/22/05		08/22/05		08/22/05		
Date Analyzed:	08/24/05		08/24/05		08/24/05		08/24/05		08/25/05		
QC Batch No:	050824MS2A1		050824MS2A1		050824MS2A1		050824MS2A1		050824MS2A1		
Analyst Initials:	JM		JM		JM		JM		JM		
Dilution Factor:	10		30		10		5.0		1.0		
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	ND	10	37	30	11	10	ND	5.0	ND	1.0
Chloroethane	1.0	ND	10	ND	30	ND	10	ND	5.0	ND	1.0
1,1-Dichloroethane	1.0	63	10	210	30	65	10	16	5.0	5.2	1.0
1,1-Dichloroethane	1.0	210	10	620	30	220	10	270	5.0	14	1.0
c-1,2-Dichloroethane	1.0	58	10	240	30	62	10	11	5.0	6.0	1.0
1,1,1-Trichloroethane	1.0	460	10	2,200	30	480	10	850	10	42	1.0
Benzene	1.0	ND	10	ND	30	ND	10	ND	5.0	ND	1.0
1,2-Dichloroethane	1.0	ND	10	ND	30	ND	10	ND	5.0	ND	1.0
Trichloroethene	1.0	1,600	10	6,100	30	1,600	10	260	5.0	11	1.0
Toluene	1.0	13	10	ND	30	17	10	18	5.0	28	1.0
1,1,2-Trichloroethane	1.0	ND	10	ND	30	ND	10	ND	5.0	ND	1.0
Tetrachloroethene	1.0	ND	10	39	30	ND	10	ND	5.0	ND	1.0
Chlorobenzene	1.0	ND	10	ND	30	ND	10	ND	5.0	ND	1.0
Ethylbenzene	1.0	ND	10	ND	30	ND	10	ND	5.0	1.3	1.0
p,&m-Xylene	1.0	ND	10	ND	30	ND	10	9.5	5.0	4.6	1.0
o-Xylene	1.0	ND	10	ND	30	ND	10	ND	5.0	1.4	1.0

PQL = Practical Quantitation Limit

ND= Not Detected (below RL)

RL = PQL X Dilution Factor

Reviewed/Approved By:


Mark Johnson
Operations Manager

Date

8/24/05

The cover letter is an integral part of this analytical report



AirTECHNOLOGY Laboratories, Inc.

page 1 of 1

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: EarthTech
Attn: Steve Choiniere

Page 3 of 4
A5082302

Client's Project: NOW CORP., 55849.01
Date Received: 08/23/05
Matrix: Air
Units: ppbv

EPA Method TO14									
Lab No:	A5082302-06								
Client Sample I.D.:	ST-4 8/05								
Date Sampled:	08/22/05								
Date Analyzed:	08/24/05								
QC Batch No:	050824MS2A1								
Analyst Initials:	JM								
Dilution Factor:	1.0								
ANALYTE	PQL	Result	RL						
Vinyl Chloride	1.0	ND	1.0						
Chloroethane	1.0	ND	1.0						
1,1-Dichloroethene	1.0	3.0	1.0						
1,1-Dichloroethane	1.0	17	1.0						
c-1,2-Dichloroethene	1.0	8.7	1.0						
1,1,1-Trichloroethane	1.0	2.2	1.0						
Benzene	1.0	ND	1.0						
1,2-Dichloroethane	1.0	ND	1.0						
Trichloroethene	1.0	ND	1.0						
Toluene	1.0	23	1.0						
1,1,2-Trichloroethane	1.0	ND	1.0						
Tetrachloroethene	1.0	ND	1.0						
Chlorobenzene	1.0	ND	1.0						
Ethylbenzene	1.0	1.2	1.0						
p,&m-Xylene	1.0	4.0	1.0						
o-Xylene	1.0	1.3	1.0						

PQL = Practical Quantitation Limit

ND= Not Detected (below RL)

RL = PQL X Dilution Factor

Reviewed/Approved By: _____


Mark Johnson
Operations Manager

Date _____

8/26/05

The cover letter is an integral part of this analytical report



AirTECHNOLOGY Laboratories, Inc.

page 1 of 1

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

LCS/LCSD Recovery and RPD Summary Report

Page 4 of 4
A5082302

QC Batch #: 050824MS2A1

Matrix: Air

EPA Method TO-14/TO-15																			
Lab No:	Method Blank		LCS		LCSD		<table><tr><th colspan="4">Limits</th></tr><tr><td>Low %Rec</td><td>High %Rec</td><td>Max. RPD</td><td>Pass/Fail</td></tr></table>					Limits				Low %Rec	High %Rec	Max. RPD	Pass/Fail
Limits																			
Low %Rec	High %Rec		Max. RPD	Pass/Fail															
Date Analyzed:	08/24/05		08/24/05		08/24/05														
Data File ID:	24AUG007.D		24AUG004.D		24AUG005.D														
Analyst Initials:	JM	JM		JM															
Dilution Factor:	0.2	1.0		1.0															
ANALYTE	Result ppbv	Spike Amount	Result ppbv	% Rec	Result ppbv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/Fail								
1,1-Dichloroethene	0.0	10.0	10.8	108	10.9	109	0.6	70	130	30	Pass								
Methylene Chloride	0.0	10.0	10.8	108	11.3	113	4.2	70	130	30	Pass								
Trichloroethene	0.0	10.0	10.4	104	10.3	103	0.7	70	130	30	Pass								
Toluene	0.0	10.0	10.2	102	10.1	101	1.8	70	130	30	Pass								
1,1,2,2-Tetrachloroethane	0.0	10.0	9.5	95	9.6	96	1.0	70	130	30	Pass								

RPD = Relative Percent Difference

Reviewed/Approved By: _____

Mark Johnson

Operations Manager

Date: _____

8/24/05

The cover letter is an integral part of this analytical report



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832



A Tyco Infrastructure Services Company

Chain of Custody Record

Project Number 55849.01		Project Name/Client Now Corp / Earth Tech		Custody Seal #		Earth Tech Cooler #	
Sample Custodian: (Signature) Steve [Signature]		Sample Description (Field ID Number)		Analysis Required		Matrix	
Item	Sample Description (Field ID Number)	Date	Time	PID Reading (ppm)	Label Number	Sample Type	Sample Container
1	TW-1VE 8/05	8/22/05	13:10	N/A	N/A		
2	TW-2AVE 8/05	8/22/05	13:05				
3	ST-1 8/05	8/22/05	13:00				
4	PAS 8/05	8/22/05	12:55				
5	SUE-EXH 8/05	8/22/05	12:50				
6	ST-4 8/05	8/22/05	12:45				
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
Relinquished by: (Signature) Steve [Signature]		Date / Time 8-22-05 13:30		Received by: (Signature) Fedex		Disposed of by: (Signature)	
Relinquished by: (Signature) Fedex		Date / Time 8/23/05 08:55		Received by: (Signature) Paul Strong / Mar		Disposed of by: (Signature)	
Send Lab Results To: Steve Choiniere Earth Tech 40 British American Blvd. Latham NY 12110		Remarks: 10 Bus Days TAT: Send Enough Bags Back with cooler for next sample c/o Roger Gray Federal Express Airbill No.: 8489 7091 3149 Lab:		Check Delivery Method: ☐ Samples delivered in person ☒ Common carrier		Laboratory Receiving Notes: Custody Seal Intact? Temp. of Shipping Container: Sample Condition:	