

**Operation, Maintenance and Monitoring Report
March 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**

May 4, 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 – “March” 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 27-day period (**March 9 – April 5, 2005**).

The P&T and SVE systems were online and fully operational throughout the reporting period. Approximately 597,500 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 22,100 gallons per day (gpd). During the prior reporting period, the average discharge was 21,400 gpd.

As of the last day of the reporting period, a total of 45,300,600 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 March 23, 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 two site visits during the reporting period to conduct the required system inspections, perform scheduled and/or unscheduled maintenance, take monitoring-well water-level measurements, and conduct monthly sampling. Details follow:

March 23rd - Routine bi-weekly system inspection, monthly sampling, and monitoring-well water-level measurements. Technicians also changed oil in the vapor blower motor, greased the air stripper motor, and increased the discharge rates for two submersible pumps (in recovery wells TW-1 and TW-3).

April 5th - Routine bi-weekly system inspection and monitoring-well water-level measurements.

Page 2
Mr. Carl Hoffman
NYSDEC

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: March 23, 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		22,130				Monitor	gpd
pH	7.6	7.7	NA	NA	NA	6.5 to 8.5	standard units
Oil and Grease	<1.4	<1.4	NA	NA	NA	15	mg/L
Total Cyanide	<0.01	<0.01	NA	NA	NA	0.01	mg/L
TDS	240	240	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	0.015	0.023	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	0.060	0.057	NA	NA	NA	2	mg/L
Chromium	<0.001	<0.001	NA	NA	NA	0.1	mg/L
Copper	0.002	0.003	NA	NA	NA	0.024	mg/L
Iron	0.032	0.013	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	0.111	0.049	NA	NA	NA	0.6	mg/L
Nickel	<0.002	<0.002	NA	NA	NA	0.2	mg/L
Zinc	0.002	0.002	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	270	<0.5	21.0	810	5.3	5	ug/L
1,1,2-Trichloroethane	<5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	69	<0.5	52	140	12	5	ug/L
1,1-Dichloroethene	5	<0.5	12	13	1.8	0.5	ug/L
1,2-Dichloroethane	<5	<0.5	<0.5	<0.5	<0.5	1.6	ug/L
Benzene	<5	<0.5	<0.5	<0.5	<0.5	0.8	ug/L
Chlorobenzene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Chloroethane	<5	<0.5	2.3	1.1	0.6	5	ug/L
cis-1,2-Dichloroethene	6	<0.5	15.0	12	<0.5	5	ug/L
Ethylbenzene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Methyl tert-butyl ether	<20	<2	<2	<2	<2	5	ug/L
o-Xylene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
p&m-Xylene	<5	<0.5	<0.5	<0.5	<0.5	10	ug/L
Tetrachloroethene	<5	<0.5	<0.5	<0.5	<0.5	1.4	ug/L
Toluene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Trichloroethene	190	<0.5	100	450	15	5	ug/L
Vinyl Chloride	<5	<0.5	0.5	<0.5	<0.5	0.6	ug/L

Notes:

- 1) Positive results are presented in **bold** typeface. Numeric values are in units shown in far right column.
- 2) Effluent concentration boxed in **bold** denotes exceedance of effluent limitations.
- 3) NA indicates not analyzed.
- 4) "J" indicates an estimated concentration below the method detection limit.

Table 2
Summary of "March" 2005 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		4/5/2005	Units
<i>TW-1</i>			
	Pumping Rate	6	GPM
	Water Level Above Transducer	19.34	feet
	Flow Meter Reading	2,620,200	gallons
	Pump Pressure	68	psi
<i>TW-2A</i>			
	Pumping Rate	6	GPM
	Water Level Above Transducer	61.04	feet
	Flow Meter Reading	350,600	gallons
	Pump Pressure	40	psi
<i>TW-3</i>			
	Pumping Rate	5	GPM
	Water Level Above Transducer	20.72	feet
	Flow Meter Reading	853,000	gallons
	Pump Pressure	58	psi
<i>Air Stripper</i>			
	Stripper Blower Pressure	18.5	inches H ₂ O
	Air Temperature in Stripper	46	°F
	Pressure Gauge - Left Leg	2.2	inches H ₂ O
	Pressure Gauge - Right Leg	1.6	inches H ₂ O
	Pressure/Vacuum on the Stripper	-	inches H ₂ O
<i>Effluent Flow</i>			
	Total System Meter Reading	45,300,600	gallons
	IW-1 Flow Meter Reading	-	gallons
	IW-2 Flow Meter Reading	-	gallons
<i>Vapor Extraction System</i>			
	Vapor Blower Vacuum	8	inches Hg
	Vacuum before Filter with Dilution Air	7.5	inches Hg
	Vacuum on Knock-out Pot	11.5	inches Hg
	Blower Inlet Temperature	70	°F
	Blower Outlet Temperature	180	°F
	Pressure After Blower	45	psi
	Heat Exchanger Outlet Temperature	70	°F

Note: N/A indicates data/measurement is not available.

NW - Not working

Table 3
March 2005 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	3/23/2005	
		Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	10.72	278.78
MW-2	332.51	27.12	305.39
MW-3	312.83	26.00	286.83
MW-3S	312.51	24.26	288.25
MW-4	298.29	21.59	276.70
MW-4D	298.16	21.40	276.76
MW-5	285.48	18.44	267.04
MW-6S	287.90	4.55	283.35
MW-6D	287.25	7.43	279.82
MW-7S	292.12	19.85	272.27
MW-7D	292.54	38.88	253.66
OW-1	307.75	46.80	260.95
OW-2	305.96	67.44	238.52
OW-6	294.81	4.96	289.85
IW-1	312.46	27.72	284.74
IW-2	306.56	38.63	267.93
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: March 23, 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	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
Chloroethane	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
1,1-Dichloroethene	13.0	2.0	NS	NA	NS	NA	13.0	2.0	13.0	2.0	15.0	2.5	3.4	1.0	1.3	1.0
1,1-Dichloroethane	24.0	2.0	NS	NA	NS	NA	24.0	2.0	24.0	2.0	150.0	2.5	4.5	1.0	3.6	1.0
cis-1,2-Dichloroethene	8.8	2.0	NS	NA	NS	NA	8.9	2.0	8.6	2.0	10.0	2.5	ND	1.0	ND	1.0
1,1,1-Trichloroethane	44.0	2.0	NS	NA	NS	NA	44.0	2.0	45.0	2.0	510.0	2.5	1.6	1.0	ND	1.0
Benzene	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
Trichloroethene	350	5.0	NS	NA	NS	NA	350	5.0	320	5.0	290.0	2.5	ND	1.0	ND	1.0
Toluene	2.0	2.0	NS	NA	NS	NA	2.7	2.0	2.8	2.0	ND	2.5	1.9	1.0	1.9	1.0
1,1,2-Trichloroethane	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
Tetrachloroethene	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
Chlorobenzene	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
Ethylbenzene	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
p&m -Xylene	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	2.5	ND	1.0	ND	1.0
o-Xylene	ND	2.0	NS	NA	NS	NA	ND	2.0	ND	2.0	ND	5.0	ND	1.0	ND	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

April 08, 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.#: 55849.01

Custody Information

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

Date Time
03/23/05 9:50
03/24/05 11:10

Laboratory Data

SDG I.D.: GAG28897
Phoenix I.D.: AG28897

Client ID: NOW CORP EFFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.023	0.01	mg/L	03/28/05		EK	200.7/6010
Arsenic	< 0.004	0.004	mg/L	03/25/05		EKT	200.7/6010
Barium	0.057	0.002	mg/L	03/25/05		EKT	6010/E200.7
Chromium	< 0.001	0.001	mg/L	03/25/05		EKT	200.7/6010
Copper	0.003	0.001	mg/L	03/28/05		EK	6010/E200.7
Iron	0.013	0.002	mg/L	03/28/05		EK	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	03/25/05		Y	7470/E245.1
Manganese	0.049	0.001	mg/L	03/25/05		EKT	200.7/6010
Nickel	< 0.002	0.002	mg/L	03/25/05		EKT	200.7/6010
Zinc	0.002	0.002	mg/L	03/25/05		EKT	200.7/6010
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	03/24/05		GD	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	03/25/05		PJ	9010/335.3
Tot. Diss. Solids	240	10	mg/L	03/28/05		PC	SM2540C
Total Suspended Solids	< 5	5	mg/L	03/28/05		PC	SM2540D
Mercury Digestion	Completed			03/24/05		Y	E245.1
Total Metals Digestion	Completed			03/24/05		AG	

Volatiles

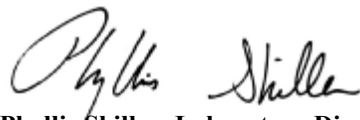
1,1,1-Trichloroethane	ND	0.5	ug/L	03/26/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	03/26/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	03/26/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	03/26/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	03/26/05		RM	SW8260
Benzene	ND	0.5	ug/L	03/26/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	03/26/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	03/26/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	03/26/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	03/26/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	03/26/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	03/26/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	03/26/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	03/26/05		RM	SW8260
Toluene	ND	0.5	ug/L	03/26/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/26/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	03/26/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	03/26/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	80		%	03/26/05		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
April 08, 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

April 08, 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.#: 55849.01

Custody Information

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

Date

03/23/05
03/24/05

Time

10:40
11:10

Laboratory Data

SDG I.D.: GAG28897

Phoenix I.D.: AG28898

Client ID: NOW CORP INFLUENT

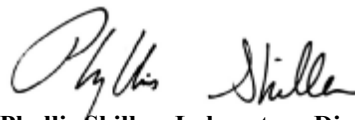
Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.015	0.01	mg/L	03/28/05		EK	200.7/6010
Arsenic	< 0.004	0.004	mg/L	03/25/05		EKT	200.7/6010
Barium	0.06	0.002	mg/L	03/25/05		EKT	6010/E200.7
Chromium	< 0.001	0.001	mg/L	03/25/05		EKT	200.7/6010
Copper	0.002	0.001	mg/L	03/28/05		EK	6010/E200.7
Iron	0.032	0.002	mg/L	03/28/05		EK	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	03/25/05		Y	7470/E245.1
Manganese	0.111	0.001	mg/L	03/25/05		EKT	200.7/6010
Nickel	< 0.002	0.002	mg/L	03/25/05		EKT	200.7/6010
Zinc	0.002	0.002	mg/L	03/25/05		EKT	200.7/6010
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	03/24/05		GD	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	03/25/05		PJ	9010/335.3
Tot. Diss. Solids	240	10	mg/L	03/28/05		PC	SM2540C
Total Suspended Solids	< 5	5	mg/L	03/28/05		PC	SM2540D
Mercury Digestion	Completed			03/24/05		Y	E245.1
Total Metals Digestion	Completed			03/24/05		AG	
<u>Volatiles</u>							
1,1,1-Trichloroethane	270	5	ug/L	03/26/05		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	03/26/05		RM	SW8260
1,1-Dichloroethane	69	5	ug/L	03/26/05		RM	SW8260
1,1-Dichloroethene	5	5	ug/L	03/26/05		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	03/26/05		RM	SW8260
Benzene	ND	5	ug/L	03/26/05		RM	SW8260
Chlorobenzene	ND	5	ug/L	03/26/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	5	ug/L	03/26/05		RM	SW8260
cis-1,2-Dichloroethene	6	5	ug/L	03/26/05		RM	SW8260
Ethylbenzene	ND	5	ug/L	03/26/05		RM	SW8260
m&p-Xylene	ND	5	ug/L	03/26/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	03/26/05		RM	SW8260
o-Xylene	ND	5	ug/L	03/26/05		RM	SW8260
Tetrachloroethene	ND	5	ug/L	03/26/05		RM	SW8260
Toluene	ND	5	ug/L	03/26/05		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	03/26/05		RM	SW8260
Trichloroethene	190	5	ug/L	03/26/05		RM	SW8260
Vinyl chloride	ND	5	ug/L	03/26/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	100		%	03/26/05		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
April 08, 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

April 08, 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.#: 55849.01

Custody Information

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

Date

03/23/05
03/24/05

Time

10:45
11:10

Laboratory Data

SDG I.D.: GAG28897

Phoenix I.D.: AG28899

Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
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Volatiles

1,1,1-Trichloroethane	21	0.5	ug/L	03/25/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	03/25/05		RM	SW8260
1,1-Dichloroethane	52	5.0	ug/L	03/25/05		RM	SW8260
1,1-Dichloroethene	12	0.5	ug/L	03/25/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	03/25/05		RM	SW8260
Benzene	ND	0.5	ug/L	03/25/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	03/25/05		RM	SW8260
Chloroethane	2.3	0.5	ug/L	03/25/05		RM	SW8260
cis-1,2-Dichloroethene	15	0.5	ug/L	03/25/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	03/25/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	03/25/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	03/25/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	03/25/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	03/25/05		RM	SW8260
Toluene	ND	0.5	ug/L	03/25/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/25/05		RM	SW8260
Trichloroethene	100	5.0	ug/L	03/25/05		RM	SW8260
Vinyl chloride	0.5	0.5	ug/L	03/25/05		RM	SW8260

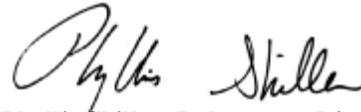
QA/OC Surrogates

% Bromofluorobenzene	100		%	03/25/05		RM	SW8260
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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 written in a cursive, flowing style.

Phyllis Shiller, Laboratory Director
April 08, 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

April 08, 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.#: 55849.01

Custody Information

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

Date Time
03/23/05 10:50
03/24/05 11:10

Laboratory Data

SDG I.D.: GAG28897
Phoenix I.D.: AG28900

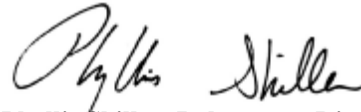
Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	810	5.0	ug/L	03/25/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	03/25/05		RM	SW8260
1,1-Dichloroethane	140	5.0	ug/L	03/25/05		RM	SW8260
1,1-Dichloroethene	13	0.5	ug/L	03/25/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	03/25/05		RM	SW8260
Benzene	ND	0.5	ug/L	03/25/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	03/25/05		RM	SW8260
Chloroethane	1.1	0.5	ug/L	03/25/05		RM	SW8260
cis-1,2-Dichloroethene	12	0.5	ug/L	03/25/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	03/25/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	03/25/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	03/25/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	03/25/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	03/25/05		RM	SW8260
Toluene	ND	0.5	ug/L	03/25/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/25/05		RM	SW8260
Trichloroethene	450	5.0	ug/L	03/25/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	03/25/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	100		%	03/25/05		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
April 08, 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

April 08, 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.#: 55849.01

Custody Information

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

Date

03/23/05
03/24/05

Time

10:55
11:10

Laboratory Data

SDG I.D.: GAG28897

Phoenix I.D.: AG28901

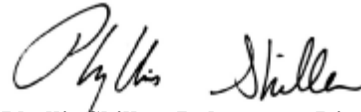
Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	5.3	0.5	ug/L	03/25/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	03/25/05		RM	SW8260
1,1-Dichloroethane	12	0.5	ug/L	03/25/05		RM	SW8260
1,1-Dichloroethene	1.8	0.5	ug/L	03/25/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	03/25/05		RM	SW8260
Benzene	ND	0.5	ug/L	03/25/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	03/25/05		RM	SW8260
Chloroethane	0.6	0.5	ug/L	03/25/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	03/25/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	03/25/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	03/25/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	03/25/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	03/25/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	03/25/05		RM	SW8260
Toluene	ND	0.5	ug/L	03/25/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/25/05		RM	SW8260
Trichloroethene	15	0.5	ug/L	03/25/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	03/25/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	90		%	03/25/05		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
April 08, 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

April 08, 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.#: 55849.01

Custody Information

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

Date

03/23/05
03/24/05

Time

0:00
11:10

Laboratory Data

SDG I.D.: GAG28897

Phoenix I.D.: AG28902

Client ID: NOW CORP TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
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Volatiles

1,1,1-Trichloroethane	ND	0.5	ug/L	03/24/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	03/24/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	03/24/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	03/24/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	03/24/05		RM	SW8260
Benzene	ND	0.5	ug/L	03/24/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	03/24/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	03/24/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	03/24/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	03/24/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	03/24/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	03/24/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	03/24/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	03/24/05		RM	SW8260
Toluene	ND	0.5	ug/L	03/24/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/24/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	03/24/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	03/24/05		RM	SW8260

QA/OC Surrogates

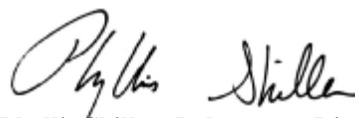
% Bromofluorobenzene	100		%	03/24/05		RM	SW8260
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Comments:

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
April 08, 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

April 08, 2005

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG28843 (AG28897, AG28898)						
<u>ICP Metals - Aqueous</u>						
Aluminum	BDL	99.8	NC	108	111	2.7
Antimony	BDL	99.2	NC	101	103	2.0
Arsenic	BDL	101	NC	109	112	2.7
Barium	BDL	102	NC	93.2	95.2	2.1
Beryllium	BDL	101	NC	95.4	97.4	2.1
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	104	NC	95.8	98.4	2.7
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	100	4.10	90.4	96.2	6.2
Cobalt	BDL	104	NC	93.3	95.5	2.3
Copper	0.001	103	12.5	107	109	1.9
Iron	0.002	102	5.30	95.8	97.8	2.1
Lead	BDL	103	NC	91.0	93.3	2.5
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	102	NC	95.2	97.4	2.3
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	103	9.90	91.5	93.5	2.2
Phosphorus	BDL	---	---	---	---	NC
Selenium	BDL	100	NC	109	111	1.8
Silver	BDL	108	6.50	91.4	111	19.4
Thallium	BDL	101	NC	52.0	54.4	4.5
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	100	2.30	97.6	99.4	1.8
Zinc	BDL	102	NC	103	105	1.9

QA/QC Batch Sample No: AG28843 (AG28897, AG28898)

Lead Analysis by Furnace	BDL	100.4	NC	74.6		NC
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QA/QC Batch Sample No: AG28843 (AG28897, AG28898)

Mercury	BDL	99	NC	85	84	1.2
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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 black ink, appearing to read "Phyllis Shiller". The signature is written in a cursive, flowing style.

Phyllis Shiller, Laboratory Director

April 08, 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

April 08, 2005

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AG28855 (AG28897, AG28898) Oil and Grease by EPA 1664	BDL	97.3		NR
QA/QC Batch Sample No: AG28866 (AG28897, AG28898) Total Cyanide	BDL	110	93.5	NC
QA/QC Batch Sample No: AG28897 (AG28897, AG28898) Tot. Diss. Solids	BDL	96.0	NR	0.0
QA/QC Batch Sample No: AG28897 (AG28897, AG28898) Total Suspended Solids	BDL	99	NR	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

April 08, 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

April 08, 2005

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG28901 (AG28899, AG28901, AG28902)					
<u>Volatiles Organics</u>					
1,1,1,2-Tetrachloroethane	ND	96			
1,1,1-Trichloroethane	ND	100			
1,1,2,2-Tetrachloroethane	ND	99			
1,1,2-Trichloroethane	ND	98			
1,1-Dichloroethane	ND	97			
1,1-Dichloroethene	ND	109	110	100	9.5
1,1-Dichloropropene	ND	106			
1,2,3-Trichlorobenzene	ND	116			
1,2,3-Trichloropropane	ND	99			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	96			
1,2,4-Trimethylbenzene	ND	100			
1,2-Dibromo-3-chloropropane	ND	97			
1,2-Dichlorobenzene	ND	97			
1,2-Dichloroethane	ND	96			
1,2-Dichloropropane	ND	100			
1,3,5-Trimethylbenzene	ND	104			
1,3-Dichlorobenzene	ND	98			
1,3-Dichloropropane	ND	98			
1,4-Dichlorobenzene	ND	97			
2,2-Dichloropropane	ND	102			
2-Chlorotoluene	ND	104			
4-Chlorotoluene	ND	104			
Benzene	ND	99	98	93	5.2
Bromobenzene	ND	95			
Bromochloromethane	ND	97			
Bromodichloromethane	ND	101			
Bromoform	ND	89			
Bromomethane	ND	105			
Carbon Tetrachloride	ND	102			
Chlorobenzene	ND	95	98	95	3.1
Chloroethane	ND	106			

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	95			
Chloromethane	ND	120			
cis-1,2-Dichloroethene	ND	101			
cis-1,3-Dichloropropene	ND	103			
Dibromochloromethane	ND	93			
Dibromoethane	ND	101			
Dibromomethane	ND	98			
Dichlorodifluoromethane	ND	114			
Ethylbenzene	ND	98			
Hexachlorobutadiene	ND	108			
Isopropylbenzene	ND	112			
m&p-Xylene	ND	100			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	95			
n-Butylbenzene	ND	110			
n-Propylbenzene	ND	106			
Naphthalene	ND	103			
o-Xylene	ND	96			
p-Isopropyltoluene	ND	111			
sec-Butylbenzene	ND	102			
Styrene	ND	95			
tert-Butylbenzene	ND	106			
Tetrachloroethene	ND	100			
Toluene	ND	102	103	98	5.0
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	101			
trans-1,3-Dichloropropene	ND	100			
Trichloroethene	ND	98	99	95	4.1
Trichlorofluoromethane	ND	106			
Vinyl Chloride	ND	115			
% Bromofluorobenzene	99	101	82	97	16.8

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

QA/QC Batch Sample No: AG29099 (AG28900)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	97			
1,1,1-Trichloroethane	ND	103			
1,1,2,2-Tetrachloroethane	ND	101			
1,1,2-Trichloroethane	ND	92			
1,1-Dichloroethane	ND	97			
1,1-Dichloroethene	ND	98	96	109	12.7
1,1-Dichloropropene	ND	96			

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	93			
1,2,3-Trichloropropane	ND	105			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	71			
1,2,4-Trimethylbenzene	ND	104			
1,2-Dibromo-3-chloropropane	ND	70			
1,2-Dichlorobenzene	ND	94			
1,2-Dichloroethane	ND	103			
1,2-Dichloropropane	ND	93			
1,3,5-Trimethylbenzene	ND	104			
1,3-Dichlorobenzene	ND	96			
1,3-Dichloropropane	ND	94			
1,4-Dichlorobenzene	ND	90			
2,2-Dichloropropane	ND	103			
2-Chlorotoluene	ND	99			
4-Chlorotoluene	ND	99			
Benzene	ND	91	90	99	9.5
Bromobenzene	ND	88			
Bromochloromethane	ND	91			
Bromodichloromethane	ND	101			
Bromoform	ND	79			
Bromomethane	ND	118			
Carbon Tetrachloride	ND	104			
Chlorobenzene	ND	92	97	100	3.0
Chloroethane	ND	107			
Chloroform	ND	96			
Chloromethane	ND	106			
cis-1,2-Dichloroethene	ND	96			
cis-1,3-Dichloropropene	ND	96			
Dibromochloromethane	ND	94			
Dibromoethane	ND	97			
Dibromomethane	ND	98			
Dichlorodifluoromethane	ND	106			
Ethylbenzene	ND	96			
Hexachlorobutadiene	ND	75			
Isopropylbenzene	ND	102			
m&p-Xylene	ND	98			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	91			
n-Butylbenzene	ND	108			
n-Propylbenzene	ND	101			
Naphthalene	ND	70			

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	83			
p-Isopropyltoluene	ND	109			
sec-Butylbenzene	ND	104			
Styrene	ND	85			
tert-Butylbenzene	ND	102			
Tetrachloroethene	ND	95			
Toluene	ND	98	100	105	4.9
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	93			
trans-1,3-Dichloropropene	ND	98			
Trichloroethene	ND	96	103	112	8.4
Trichlorofluoromethane	ND	108			
Vinyl Chloride	ND	96			
% Bromofluorobenzene	99	95	99	95	4.1

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

QA/QC Batch Sample No: AG29160 (AG28898)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	107			
1,1,1-Trichloroethane	ND	105			
1,1,2,2-Tetrachloroethane	ND	99			
1,1,2-Trichloroethane	ND	94			
1,1-Dichloroethane	ND	91			
1,1-Dichloroethene	ND	98	97	96	1.0
1,1-Dichloropropene	ND	95			
1,2,3-Trichlorobenzene	ND	121			
1,2,3-Trichloropropane	ND	102			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	95			
1,2,4-Trimethylbenzene	ND	96			
1,2-Dibromo-3-chloropropane	ND	101			
1,2-Dichlorobenzene	ND	99			
1,2-Dichloroethane	ND	101			
1,2-Dichloropropane	ND	87			
1,3,5-Trimethylbenzene	ND	100			
1,3-Dichlorobenzene	ND	97			
1,3-Dichloropropane	ND	104			
1,4-Dichlorobenzene	ND	97			
2,2-Dichloropropane	ND	104			
2-Chlorotoluene	ND	99			
4-Chlorotoluene	ND	99			
Benzene	ND	87	94	91	3.2

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Bromobenzene	ND	103			
Bromochloromethane	ND	94			
Bromodichloromethane	ND	103			
Bromoform	ND	103			
Bromomethane	ND				
Carbon Tetrachloride	ND	105			
Chlorobenzene	ND	93	95	92	3.2
Chloroethane	ND	97			
Chloroform	ND	94			
Chloromethane	ND	92			
cis-1,2-Dichloroethene	ND	95			
cis-1,3-Dichloropropene	ND	95			
Dibromochloromethane	ND	114			
Dibromoethane	ND	99			
Dibromomethane	ND	102			
Dichlorodifluoromethane	ND	107			
Ethylbenzene	ND	94			
Hexachlorobutadiene	ND	114			
Isopropylbenzene	ND	109			
m&p-Xylene	ND	93			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	88			
n-Butylbenzene	ND	108			
n-Propylbenzene	ND	100			
Naphthalene	ND	92			
o-Xylene	ND	85			
p-Isopropyltoluene	ND	107			
sec-Butylbenzene	ND	99			
Styrene	ND	87			
tert-Butylbenzene	ND	103			
Tetrachloroethene	ND	111			
Toluene	ND	93	99	95	4.1
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	96			
trans-1,3-Dichloropropene	ND	101			
Trichloroethene	ND	95	102	93	9.2
Trichlorofluoromethane	ND	111			
Vinyl Chloride	ND	98			
% Bromofluorobenzene	103	95	99	100	1.0

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

QA/QC Batch Sample No: AG29182 (AG28897, AG28900)

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
<u>Volatiles Organics</u>					
1,1,1,2-Tetrachloroethane	ND	98			
1,1,1-Trichloroethane	ND	102			
1,1,2,2-Tetrachloroethane	ND	98			
1,1,2-Trichloroethane	ND	95			
1,1-Dichloroethane	ND	96			
1,1-Dichloroethene	ND	101	99	108	8.7
1,1-Dichloropropene	ND	106			
1,2,3-Trichlorobenzene	ND	108			
1,2,3-Trichloropropane	ND	105			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	101			
1,2,4-Trimethylbenzene	ND	120			
1,2-Dibromo-3-chloropropane	ND	79			
1,2-Dichlorobenzene	ND	104			
1,2-Dichloroethane	ND	100			
1,2-Dichloropropane	ND	99			
1,3,5-Trimethylbenzene	ND	121			
1,3-Dichlorobenzene	ND	108			
1,3-Dichloropropane	ND	95			
1,4-Dichlorobenzene	ND	99			
2,2-Dichloropropane	ND	103			
2-Chlorotoluene	ND	112			
4-Chlorotoluene	ND	112			
Benzene	ND	98	100	99	1.0
Bromobenzene	ND	106			
Bromochloromethane	ND	92			
Bromodichloromethane	ND	103			
Bromoform	ND	98			
Bromomethane	ND	94			
Carbon Tetrachloride	ND	106			
Chlorobenzene	ND	94	105	100	4.9
Chloroethane	ND	96			
Chloroform	ND	95			
Chloromethane	ND	107			
cis-1,2-Dichloroethene	ND	99			
cis-1,3-Dichloropropene	ND	101			
Dibromochloromethane	ND	98			
Dibromoethane	ND	95			
Dibromomethane	ND	97			
Dichlorodifluoromethane	ND	99			
Ethylbenzene	ND	100			

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Hexachlorobutadiene	ND				
Isopropylbenzene	ND	123			
m&p-Xylene	ND	100			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	89			
n-Butylbenzene	ND				
n-Propylbenzene	ND	117			
Naphthalene	ND				
o-Xylene	ND	95			
p-Isopropyltoluene	ND				
sec-Butylbenzene	ND	129			
Styrene	ND	93			
tert-Butylbenzene	ND	124			
Tetrachloroethene	ND	103			
Toluene	ND	100	105	100	4.9
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	98			
trans-1,3-Dichloropropene	ND	99			
Trichloroethene	ND	101	105	102	2.9
Trichlorofluoromethane	ND	102			
Vinyl Chloride	ND	99			
% Bromofluorobenzene	100	102	97	82	16.8

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

QA/QC Batch Sample No: AG30025 (AG28899)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	104			
1,1,1-Trichloroethane	ND	86			
1,1,2,2-Tetrachloroethane	ND	104			
1,1,2-Trichloroethane	ND	103			
1,1-Dichloroethane	ND	98			
1,1-Dichloroethene	ND	97	88	91	3.4
1,1-Dichloropropene	ND	101			
1,2,3-Trichlorobenzene	ND	114			
1,2,3-Trichloropropane	ND	102			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	115			
1,2,4-Trimethylbenzene	ND	92			
1,2-Dibromo-3-chloropropane	ND				
1,2-Dichlorobenzene	ND	97			
1,2-Dichloroethane	ND	95			
1,2-Dichloropropane	ND	102			

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,3,5-Trimethylbenzene	ND	93			
1,3-Dichlorobenzene	ND	94			
1,3-Dichloropropane	ND	103			
1,4-Dichlorobenzene	ND	98			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	95			
4-Chlorotoluene	ND	93			
Benzene	ND	101	110	108	1.8
Bromobenzene	ND	104			
Bromochloromethane	ND	108			
Bromodichloromethane	ND	103			
Bromoform	ND	109			
Bromomethane	ND				
Carbon Tetrachloride	ND	94			
Chlorobenzene	ND	97	105	98	6.9
Chloroethane	ND	107			
Chloroform	ND	91			
Chloromethane	ND	120			
cis-1,2-Dichloroethene	ND	97			
cis-1,3-Dichloropropene	ND	103			
Dibromochloromethane	ND	107			
Dibromoethane	ND	113			
Dibromomethane	ND	102			
Dichlorodifluoromethane	ND	110			
Ethylbenzene	ND	96			
Hexachlorobutadiene	ND	87			
Isopropylbenzene	ND	101			
m&p-Xylene	ND	95			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	100			
n-Butylbenzene	ND	88			
n-Propylbenzene	ND	96			
Naphthalene	ND	109			
o-Xylene	ND	94			
p-Isopropyltoluene	ND	97			
sec-Butylbenzene	ND	84			
Styrene	ND	105			
tert-Butylbenzene	ND	93			
Tetrachloroethene	ND	97			
Toluene	ND	96	110	101	8.5
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	93			

QA/QC Data

SDG I.D.: GAG28897

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
trans-1,3-Dichloropropene	ND	105			
Trichloroethene	ND	98	105	100	4.9
Trichlorofluoromethane	ND	93			
Vinyl Chloride	ND	107			
% Bromofluorobenzene	89	96	94	90	4.3

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

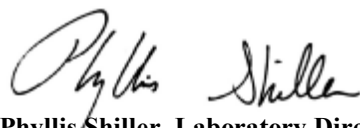
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

RPD - Relative Percent Difference

LCS - Laboratory Control Sample



Phyllis Shiller, Laboratory Director

April 08, 2005

2001

Chain of Custody Record



EARTH TECH

A Tyco Infrastructure Services Company

Project Number 55849.01		Project Name/Client EARTH TECH NOW CORP.		Custody Seal #		Earth Tech Cooler #	
Sample Custodian: (Signature) <i>Steve Day</i>		Analysis Required		Matrix		Sample Container	
Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp	PID Reading (ppm)	Label Number
1	EFF	3/05	9:50	X			28897
2			9:55				
3			10:00				
4			10:05				
5			10:10				
6	INF.	3/05	10:20				28898
7			10:25				
8			10:30				
9			10:35				
10			10:40				
11	TW-1		10:45				28899
12	TW-2A		10:50				28900
13	TW-3		10:55				28901
14	TRIP BLANK						28902
15							
16							
17							
18							

Relinquished by: (Signature) <i>Steve Day</i>		Date / Time 3-23-05 1:00	Received by: (Signature) <i>John V. B. 3-24-05</i>	Disposed of by: (Signature)	Items:	Date / Time
Relinquished by: (Signature)		Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time
Laboratory Receiving Notes: Custody Seal Intact? Temp. of Shipping Container: Sample Condition:						

Check Delivery Method:		Check Delivery Method:	
☐ Samples delivered in person	☐ Common carrier	Laboratory Receiving Notes: Custody Seal Intact? Temp. of Shipping Container: Sample Condition:	

F514/Earth.Sci

Yellow Copy - File Pink Copy - Client

White Copy - Lab

Rev. 10/98

**INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT**

April 7, 2005

RECEIVED

APR 15 2005

EARTHTECH-ALBANY


Cert. #E87847

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

LABORATORY TEST RESULTS

Project Reference: NOW Corp., 55849.01
Lab Number: A5032401-01/06

Enclosed are results for sample(s) received 3/24/05 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

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 3/28/05.

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 3 of 5
A5032401

Client's Project: NOW CORP., 55849.01
Date Received: 03/24/05
Matrix: Air
Units: ppbv

Units: ppbv

EPA Method TO14											
Lab No:	A5032401-01			A5032401-02		A5032401-03		A5032401-04		A5032401-05	
Client Sample I.D.:	TW - 1VE 3/05			TW - 2AVE 3/05		ST - 1 3/05		PAS 3/05		SVE - EXH 3/05	
Date Sampled:	03/23/05			03/23/05		03/23/05		03/23/05		03/23/05	
Date Analyzed:	03/24/05			03/24/05		03/24/05		03/24/05		03/24/05	
QC Batch No:	050324MS2A1			050324MS2A1		050324MS2A1		050324MS2A1		050324MS2A1	
Analyst Initials:	JM			JM		JM		JM		JM	
Dilution Factor:	2.0			2.0		2.0		2.5		1.0	
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
Chloroethane	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
1,1-Dichloroethene	1.0	13	2.0	13	2.0	13	2.0	15	2.5	3.4	1.0
1,1-Dichloroethane	1.0	24	2.0	24	2.0	24	2.0	150	2.5	4.5	1.0
c-1,2-Dichloroethene	1.0	8.8	2.0	8.9	2.0	8.6	2.0	10	2.5	ND	1.0
1,1,1-Trichloroethane	1.0	44	2.0	44	2.0	45	2.0	510	2.5	1.6	1.0
Benzene	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
1,2-Dichloroethane	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
Trichloroethene	1.0	350	2.0	350	5.0	320	2.0	290	2.5	ND	1.0
Toluene	1.0	2.0	2.0	2.7	2.0	2.8	2.0	ND	2.5	1.9	1.0
1,1,2-Trichloroethane	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
Tetrachloroethene	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
Chlorobenzene	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
Ethylbenzene	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
p,&m-Xylene	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0
o-Xylene	1.0	ND	2.0	ND	2.0	ND	2.0	ND	2.5	ND	1.0

PQL = Practical Quantitation Limit

ND= Not Detected (below RL)

RL = PQL X Dilution Factor

Reviewed/Approved By: _____

Mark Johnson
Operations Manager

Date 3/28/05

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

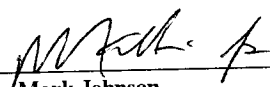
Page 5 of 5
A5032401

Client's Project: NOW CORP., 55849.01
Date Received: 03/24/05
Matrix: Air
Units: ppbv

EPA Method TO14									
Lab No:	A5032401-06								
Client Sample I.D.:	ST - 4 3/05								
Date Sampled:	03/23/05								
Date Analyzed:	03/24/05								
QC Batch No:	050324MS2A1								
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	1.3	1.0						
1,1-Dichloroethane	1.0	3.6	1.0						
c-1,2-Dichloroethene	1.0	ND	1.0						
1,1,1-Trichloroethane	1.0	ND	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	1.9	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	ND	1.0						
p,m-Xylene	1.0	ND	1.0						
o-Xylene	1.0	ND	1.0						

PQL = Practical Quantitation Limit
ND= Not Detected (below RL)
RL = PQL X Dilution Factor

Reviewed/Approved By: _____


Mark Johnson
Operations Manager

Date

3/28/05

The cover letter is an integral part of this analytical report



LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 050324MS2A1

Matrix: Air

EPA Method TO-14/TO-15											
Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	03/24/05		03/24/05		03/24/05						
Data File ID:	24MAR005.D		24MAR003.D		24MAR004.D						
Analyst Initials:	JM		JM		JM						
Dilution Factor:	0.2		1.0		1.0						
								Limits			
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	9.2	92	8.9	89	3.6	70	130	30	Pass
Methylene Chloride	0.0	10.0	8.6	86	8.5	85	1.4	70	130	30	Pass
Trichloroethene	0.0	10.0	9.2	92	9.1	91	1.5	70	130	30	Pass
Toluene	0.0	10.0	8.6	86	8.4	84	2.7	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	8.7	87	8.6	86	1.8	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____

Mark Johnson

Operations Manager

Date: _____

3/28/05

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

Project Number 55849.01		Project Name/Client EARTH TECH Now CORP.		Custody Seal #		Earth Tech Cooler #	
Sample Custodian: (Signature) <i>Steve Chomiere</i>				Analysis Required (ANALYTE LIST PER 2/12/98 BID FORM)			
Item No.	Sample Description (Field ID Number)	Date	Time	Temp	PID Reading (ppm)	Label Number	
1	TW-1VE 3/05	3/23/05	11:30	N/A	N/A		
2	TW-2AVE 3/05	3/23/05	11:25				
3	ST-1 3/05	3/23/05	11:20				
4	PAS 3/05	3/23/05	11:15				
5	SVE-EXH 3/05	3/23/05	11:10				
6	ST-4 3/05	3/23/05	11:05				
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
Relinquished by: (Signature) <i>Steve Chomiere</i>		Date / Time 3-23-05 11:40		Received by: (Signature) FedEx		Disposed of by: (Signature)	
Relinquished by: (Signature) FedEx		Date / Time 3/24/05 08:55		Received by: (Signature) Gar-Dong Men		Disposed of by: (Signature)	
Send Lab Results To: STEVE CHOMIERE EARTH TECH 40 BRITISH AMERICAN BLVD. LATHAM, N.Y. 12110				Check Delivery Method: ☐ Samples delivered in person ☒ Common carrier			
Remarks: 10 BUS. DAYS TAT. SEND ENOUGH BAGS BACK W/ COOLER FOR NEXT SAMP. EVENT C/O ROGER GRAY				Laboratory Receiving Notes:			
Federal Express Airbill No.: 8489 7091 3252				Custody Seal Intact?			
Lab:				Temp. of Shipping Container: 50.3240			
				Sample Condition:			