

**Operation, Maintenance and Monitoring Report
June 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

July 27, 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 – “June” 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 28-day period (**June 2 – June 30, 2005**).

The P&T and SVE systems were online and fully operational throughout the reporting period. Approximately 348,900 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 12,500 gallons per day (gpd). During the prior reporting period, the average discharge was 18,800 gpd.

As of the last day of the reporting period, a total of 46,929,700 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 June 15, 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:

June 15th - Routine bi-weekly system inspection, monthly sampling, and monitoring-well water-level measurements. Technicians also changed oil in the vapor blower motor, lubricated the heat exchanger fans, and greased the air stripper motor.

June 30th - Routine bi-weekly system inspection and monitoring-well water-level measurements. The discharge rates were adjusted for two submersible pump, and the air stripper motor was greased.

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: June 15, 2005
NOW Corporation Site
Town of Clinton, New York

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations (units)	
			TW-1	TW-2A	TW-3	Monitor 6.5 to 8.5	gpd standard units
Quantity treated, per day		12,461					
pH	7.1	7.4	NA	NA	NA	6.5 to 8.5	gpd standard units
Oil and Grease	1.5	<1.4	NA	NA	NA	15	mg/L
Total Cyanide	<0.01	<0.01	NA	NA	NA	0.01	mg/L
TDS	290	270	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	0.056	0.058	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	0.079	0.078	NA	NA	NA	2	mg/L
Chromium	<0.001	<0.001	NA	NA	NA	0.1	mg/L
Copper	<0.001	<0.001	NA	NA	NA	0.024	mg/L
Iron	0.03	0.01	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	0.110	0.049	NA	NA	NA	0.6	mg/L
Nickel	<0.002	<0.002	NA	NA	NA	0.2	mg/L
Zinc	0.007	0.007	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	1100	<0.5	2.6	1700	32	5	ug/L
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	210	<0.5	70	280	21	5	ug/L
1,1-Dichloroethene	18	<0.5	13	27	1.5	0.5	ug/L
1,2-Dichloroethane	<0.5	<0.5	<0.5	0.6	<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	<0.5	<0.5	3.2	1.7	0.6	5	ug/L
cis-1,2-Dichloroethene	11	<0.5	2.3	19	<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	<0.5	<0.5	5	ug/L
Trichloroethene	460	<0.5	45	640	8.6	5	ug/L
Vinyl Chloride	<0.5	<0.5	<0.5	1	<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 June 2005 O&M Data**

**NOW Corporation Site
Town of Clinton, New York**

Instrumentation/Readings:	6/30/2005	Units
<i>TW-1</i>		
Pumping Rate	1	GPM
Water Level Above Transducer	39.69	feet
Flow Meter Reading	2,877,000	gallons
Pump Pressure	84	psi
<i>TW-2A</i>		
Pumping Rate	5	GPM
Water Level Above Transducer	28.29	feet
Flow Meter Reading	1,558,200	gallons
Pump Pressure	57	psi
<i>TW-3</i>		
Pumping Rate	2	GPM
Water Level Above Transducer	48.09	feet
Flow Meter Reading	1,291,500	gallons
Pump Pressure	75	psi
<i>Air Stripper</i>		
Stripper Blower Pressure	20	inches H ₂ O
Air Temperature in Stripper	57	°F
Pressure Gauge - Left Leg	1.3	inches H ₂ O
Pressure Gauge - Right Leg	0.8	inches H ₂ O
Pressure/Vacuum on the Stripper	-	inches H ₂ O
<i>Effluent Flow</i>		
Total System Meter Reading	6,929,700	gallons
IW-1 Flow Meter Reading	-	gallons
IW-2 Flow Meter Reading	-	gallons
<i>Vapor Extraction System</i>		
Vapor Blower Vacuum	5	inches Hg
Vacuum before Filter with Dilution Air	4.5	inches Hg
Vacuum on Knock-out Pot	9.5	inches Hg
Blower Inlet Temperature	82	°F
Blower Outlet Temperature	178	°F
Pressure After Blower	64	psi
Heat Exchanger Outlet Temperature	80	°F

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

NW - Not working

Table 3
June 2005 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	6/15/2005	
		Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	18.71	270.79
MW-2	332.51	31.49	301.02
MW-3	312.83	33.23	279.60
MW-3S	312.51	27.47	285.04
MW-4	298.29	26.58	271.71
MW-4D	298.16	26.45	271.71
MW-5	285.48	20.40	265.08
MW-6S	287.90	24.08	263.82
MW-6D	287.25	16.22	271.03
MW-7S	292.12	31.74	260.38
MW-7D	292.54	75.77	216.77
OW-1	307.75	61.20	246.55
OW-2	305.96	71.91	234.05
OW-6	294.81	8.44	286.37
IW-1	312.46	37.92	274.54
IW-2	306.56	45.39	261.17
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: June 15, 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	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	ND	1.0	ND	1.0
Chloroethane	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	ND	1.0	ND	1.0
1,1-Dichloroethene	10.0	2.5	NS	NA	NS	NA	16.0	2.5	12	2.5	21	2.5	6.1	1.0	ND	1.0
1,1-Dichloroethane	34	2.5	NS	NA	NS	NA	58	2.5	40	2.5	220	2.5	23.0	1.0	1.7	1.0
cis-1,2-Dichloroethene	13	2.5	NS	NA	NS	NA	28	2.5	15	2.5	9.2	2.5	9.4	1.0	ND	1.0
1,1,1-Trichloroethane	64	2.5	NS	NA	NS	NA	210	2.5	80	2.5	720 D	5.0	21	1.0	ND	1.0
Benzene	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	ND	1.0	ND	1.0
Trichloroethene	330	2.5	NS	NA	NS	NA	610	5.0	380	2.5	300	2.5	ND	1.0	ND	1.0
Toluene	96	2.5	NS	NA	NS	NA	100	2.5	110	2.5	97	2.5	93	1.0	96	1.0
1,1,2-Trichloroethane	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	ND	1.0	ND	1.0
Tetrachloroethene	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	ND	1.0	ND	1.0
Chlorobenzene	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	ND	1.0	ND	1.0
Ethylbenzene	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	1.7	1.0	2.0	1.0
p&m-Xylene	3.9	2.5	NS	NA	NS	NA	4.7	2.5	4.4	2.5	4.0	2.5	3.6	1.0	4.2	1.0
o-Xylene	ND	2.5	NS	NA	NS	NA	ND	2.5	ND	2.5	ND	2.5	1.5	1.0	1.6	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 adsorbents
- 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

June 24, 2005

FOR: Attn: Mr. Steve Choinere
 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
 06/15/05 11:25
 06/16/05 11:10

Laboratory Data

SDG I.D.: GAG47951
 Phoenix I.D.: AG47951

Client ID: 55849-02 EFFLUENT 6/05

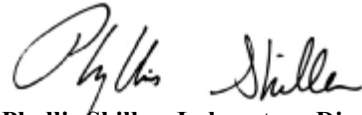
Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.058	0.01	mg/L	06/22/05		EKT	200.7/6010
Arsenic	< 0.004	0.004	mg/L	06/22/05		EKT	200.7/6010
Barium	0.078	0.002	mg/L	06/22/05		EK	6010/E200.7
Chromium	< 0.001	0.001	mg/L	06/22/05		EKT	200.7/6010
Copper	< 0.001	0.001	mg/L	06/22/05		EKT	6010/E200.7
Iron	0.01	0.002	mg/L	06/22/05		EKT	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	06/20/05		RS	7470/E245.1
Manganese	0.049	0.001	mg/L	06/22/05		EKT	200.7/6010
Nickel	< 0.002	0.002	mg/L	06/22/05		EKT	200.7/6010
Zinc	0.007	0.002	mg/L	06/22/05		EKT	200.7/6010
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	06/20/05		LK	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	06/17/05		GD	9010/335.3
Tot. Diss. Solids	270	10	mg/L	06/17/05		PC	SM2540C
Total Suspended Solids	< 5	5	mg/L	06/17/05		PC	SM2540D
Mercury Digestion	Completed			06/20/05		D/H	E245.1
Total Metals Digestion	Completed			06/16/05		AG	
<u>Volatiles</u>							
1,1,1-Trichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
Benzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	06/17/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	06/17/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Toluene	ND	0.5	ug/L	06/17/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	06/17/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	88		%	06/17/05		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
June 24, 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

June 24, 2005

FOR: Attn: Mr. Steve Choinere
 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
 06/15/05 11:50
 06/16/05 11:10

Laboratory Data

SDG I.D.: GAG47951
 Phoenix I.D.: AG47952

Client ID: 55849-02 INFLUENT 6/05

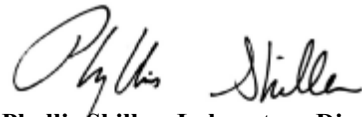
Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.056	0.01	mg/L	06/22/05		EKT	200.7/6010
Arsenic	< 0.004	0.004	mg/L	06/22/05		EKT	200.7/6010
Barium	0.079	0.002	mg/L	06/22/05		EK	6010/E200.7
Chromium	< 0.001	0.001	mg/L	06/22/05		EKT	200.7/6010
Copper	< 0.001	0.001	mg/L	06/22/05		EKT	6010/E200.7
Iron	0.03	0.002	mg/L	06/22/05		EKT	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	06/20/05		RS	7470/E245.1
Manganese	0.11	0.001	mg/L	06/22/05		EKT	200.7/6010
Nickel	< 0.002	0.002	mg/L	06/22/05		EKT	200.7/6010
Zinc	0.007	0.002	mg/L	06/22/05		EKT	200.7/6010
Oil and Grease by EPA 1664	1.5	1.4	mg/L	06/20/05		LK	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	06/17/05		GD	9010/335.3
Tot. Diss. Solids	290	10	mg/L	06/17/05		PC	SM2540C
Total Suspended Solids	< 5	5	mg/L	06/17/05		PC	SM2540D
Mercury Digestion	Completed			06/20/05		D/H	E245.1
Total Metals Digestion	Completed			06/16/05		AG	
<u>Volatiles</u>							
1,1,1-Trichloroethane	1100	10	ug/L	06/17/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethane	210	10	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethene	18	0.5	ug/L	06/17/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
Benzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	06/17/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
cis-1,2-Dichloroethene	11	0.5	ug/L	06/17/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	06/17/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Toluene	ND	0.5	ug/L	06/17/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Trichloroethene	460	10	ug/L	06/17/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	06/17/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	82		%	06/17/05		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

June 24, 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

June 24, 2005

FOR: Attn: Mr. Steve Choinere
 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
 06/15/05 12:00
 06/16/05 11:10

Laboratory Data

SDG I.D.: GAG47951
 Phoenix I.D.: AG47953

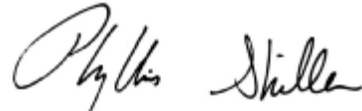
Client ID: 55849-02 TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	2.6	0.5	ug/L	06/17/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethane	70	2.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethene	13	0.5	ug/L	06/17/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
Benzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chloroethane	3.2	0.5	ug/L	06/17/05		RM	SW8260
cis-1,2-Dichloroethene	2.3	0.5	ug/L	06/17/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	06/17/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Toluene	ND	0.5	ug/L	06/17/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Trichloroethene	45	2.5	ug/L	06/17/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	06/17/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	96		%	06/17/05		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 written in a cursive style with a large initial "P".

Phyllis Shiller, Laboratory Director
June 24, 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

June 24, 2005

FOR: Attn: Mr. Steve Choinere
 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
 06/15/05 12:05
 06/16/05 11:10

Laboratory Data

SDG I.D.: GAG47951
 Phoenix I.D.: AG47954

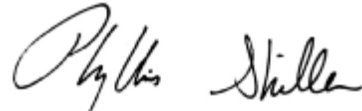
Client ID: 55849-02 TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	1700	10	ug/L	06/17/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethane	280	10	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethene	27	0.5	ug/L	06/17/05		RM	SW8260
1,2-Dichloroethane	0.6	0.5	ug/L	06/17/05		RM	SW8260
Benzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chloroethane	1.7	0.5	ug/L	06/17/05		RM	SW8260
cis-1,2-Dichloroethene	19	0.5	ug/L	06/17/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	06/17/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Toluene	ND	0.5	ug/L	06/17/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Trichloroethene	640	10	ug/L	06/17/05		RM	SW8260
Vinyl chloride	1	0.5	ug/L	06/17/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	87		%	06/17/05		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 that reads "Phyllis Shiller". The signature is written in a cursive style with a large initial "P".

Phyllis Shiller, Laboratory Director
June 24, 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

June 24, 2005

FOR: Attn: Mr. Steve Choinere
 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
 06/15/05 12:10
 06/16/05 11:10

Laboratory Data

SDG I.D.: GAG47951
 Phoenix I.D.: AG47955

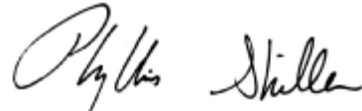
Client ID: 55849-02 TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	32	0.5	ug/L	06/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	06/21/05		RM	SW8260
1,1-Dichloroethane	21	0.5	ug/L	06/21/05		RM	SW8260
1,1-Dichloroethene	1.5	0.5	ug/L	06/21/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	06/21/05		RM	SW8260
Benzene	ND	0.5	ug/L	06/21/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	06/21/05		RM	SW8260
Chloroethane	0.6	0.5	ug/L	06/21/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/21/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	06/21/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	06/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	06/21/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	06/21/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	06/21/05		RM	SW8260
Toluene	ND	0.5	ug/L	06/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/21/05		RM	SW8260
Trichloroethene	8.6	0.5	ug/L	06/21/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	06/21/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	96		%	06/21/05		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 that reads "Phyllis Shiller". The signature is written in a cursive style with a large initial "P".

Phyllis Shiller, Laboratory Director
June 24, 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

June 24, 2005

FOR: Attn: Mr. Steve Choinere
 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
 06/15/05 0:00
 06/16/05 11:10

Laboratory Data

SDG I.D.: GAG47951
 Phoenix I.D.: AG47956

Client ID: 55849-02 TRIP BLANK

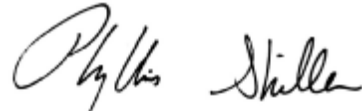
Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
Benzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	06/17/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	06/17/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	06/17/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	06/17/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Toluene	ND	0.5	ug/L	06/17/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	06/17/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	06/17/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	76		%	06/17/05		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 written in a cursive style with a large initial "P".

Phyllis Shiller, Laboratory Director
June 24, 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

June 24, 2005

QA/QC Data

SDG I.D.: GAG47951

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG47908 (AG47951, AG47952)						
ICP Metals - Aqueous						
Aluminum	BDL	99.8	3.50	101	101	0.0
Antimony	BDL	101	NC	98.3	98.9	0.6
Arsenic	BDL	101	NC	100	101	1.0
Barium	BDL	106	31.3	104	103	1.0
Beryllium	BDL	102	NC	102	102	0.0
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	100	NC	97.2	97.4	0.2
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	106	NC	104	104	0.0
Cobalt	BDL	104	NC	102	102	0.0
Copper	BDL	106	2.90	106	106	0.0
Iron	BDL	106	1.40	104	104	0.0
Lead	BDL	104	NC	101	101	0.0
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	107	NC	105	106	0.9
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	103	NC	101	101	0.0
Phosphorus	BDL	---	---	---	---	NC
Selenium	BDL	98.7	NC	96.9	97.6	0.7
Silver	BDL	106	NC	105	105	0.0
Thallium	BDL	103	NC	97.7	99.0	1.3
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	107	NC	105	105	0.0
Zinc	BDL	102	0.4	101	101	0.0

QA/QC Batch Sample No: AG47908 (AG47951, AG47952)

Lead (Furnace)	BDL	98.9	NC	100.2		NC
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QA/QC Batch Sample No: AG47947 (AG47951, AG47952)

Mercury	BDL	101	NC	104	100	3.9
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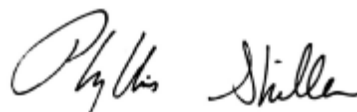
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

RPD - Relative Percent Difference

LCS - Laboratory Control Sample



Phyllis Shiller, Laboratory Director

June 24, 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

June 24, 2005

QA/QC Data

SDG I.D.: GAG47951

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AG47603 (AG47951, AG47952) Oil and Grease by EPA 1664	BDL	90.5		NR
QA/QC Batch Sample No: AG47861 (AG47951, AG47952) Total Suspended Solids	BDL	94	NR	NC
QA/QC Batch Sample No: AG47947 (AG47951, AG47952) Tot. Diss. Solids	BDL	97.0	NR	0.0
QA/QC Batch Sample No: AG47951 (AG47951, AG47952) Total Cyanide	BDL	97.3		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

June 24, 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

June 24, 2005

QA/QC Data

SDG I.D.: GAG47951

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG46265 (AG47951, AG47952, AG47953, AG47954, AG47956)					
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	106			
1,1,1-Trichloroethane	ND	97			
1,1,2,2-Tetrachloroethane	ND	95			
1,1,2-Trichloroethane	ND	103			
1,1-Dichloroethane	ND	87			
1,1-Dichloroethene	ND	93	90	101	11.5
1,1-Dichloropropene	ND	109			
1,2,3-Trichlorobenzene	ND	117			
1,2,3-Trichloropropane	ND	92			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	100			
1,2,4-Trimethylbenzene	ND	104			
1,2-Dibromo-3-chloropropane	ND	94			
1,2-Dichlorobenzene	ND	98			
1,2-Dichloroethane	ND	104			
1,2-Dichloropropane	ND	96			
1,3,5-Trimethylbenzene	ND	100			
1,3-Dichlorobenzene	ND	101			
1,3-Dichloropropane	ND	96			
1,4-Dichlorobenzene	ND	100			
2,2-Dichloropropane	ND	85			
2-Chlorotoluene	ND	101			
4-Chlorotoluene	ND	100			
Benzene	ND	96	96	97	1.0
Bromobenzene	ND	103			
Bromochloromethane	ND	100			
Bromodichloromethane	ND	103			
Bromoform	ND	105			
Bromomethane	ND	112			
Carbon Tetrachloride	ND	106			
Chlorobenzene	ND	91	99	100	1.0
Chloroethane	ND	95			

QA/QC Data

SDG I.D.: GAG47951

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	90			
Chloromethane	ND	109			
cis-1,2-Dichloroethene	ND	101			
cis-1,3-Dichloropropene	ND	104			
Dibromochloromethane	ND	98			
Dibromoethane	ND	98			
Dibromomethane	ND	103			
Dichlorodifluoromethane	ND	95			
Ethylbenzene	ND	98			
Hexachlorobutadiene	ND	90			
Isopropylbenzene	ND	109			
m&p-Xylene	ND	99			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	78			
n-Butylbenzene	ND	103			
n-Propylbenzene	ND	101			
Naphthalene	ND	111			
o-Xylene	ND	97			
p-Isopropyltoluene	ND	105			
sec-Butylbenzene	ND	95			
Styrene	ND	98			
tert-Butylbenzene	ND	101			
Tetrachloroethene	ND	101			
Toluene	ND	99	98	100	2.0
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	89			
trans-1,3-Dichloropropene	ND	103			
Trichloroethene	ND	106	108	113	4.5
Trichlorofluoromethane	ND	90			
Vinyl Chloride	ND	95			
% Bromofluorobenzene	86	94	78	86	9.8

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

QA/QC Batch Sample No: AG48397 (AG47952, AG47953, AG47954, AG47955)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	101			
1,1,1-Trichloroethane	ND	92			
1,1,2,2-Tetrachloroethane	ND	95			
1,1,2-Trichloroethane	ND	92			
1,1-Dichloroethane	ND	97			
1,1-Dichloroethene	ND	117	86	98	13.0
1,1-Dichloropropene	ND	102			

QA/QC Data

SDG I.D.: GAG47951

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	112			
1,2,3-Trichloropropane	ND	87			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	89			
1,2,4-Trimethylbenzene	ND	99			
1,2-Dibromo-3-chloropropane	ND	97			
1,2-Dichlorobenzene	ND	100			
1,2-Dichloroethane	ND	89			
1,2-Dichloropropane	ND	95			
1,3,5-Trimethylbenzene	ND	101			
1,3-Dichlorobenzene	ND	104			
1,3-Dichloropropane	ND	99			
1,4-Dichlorobenzene	ND	98			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	103			
4-Chlorotoluene	ND	97			
Benzene	ND	95	84	91	8.0
Bromobenzene	ND	100			
Bromochloromethane	ND	103			
Bromodichloromethane	ND	92			
Bromoform	ND	101			
Bromomethane	ND	121			
Carbon Tetrachloride	ND	87			
Chlorobenzene	ND	95	103	106	2.9
Chloroethane	ND	119			
Chloroform	ND	99			
Chloromethane	ND	134			
cis-1,2-Dichloroethene	ND	111			
cis-1,3-Dichloropropene	ND	94			
Dibromochloromethane	ND	103			
Dibromoethane	ND	85			
Dibromomethane	ND	86			
Dichlorodifluoromethane	ND	109			
Ethylbenzene	ND	97			
Hexachlorobutadiene	ND	77			
Isopropylbenzene	ND	109			
m&p-Xylene	ND	103			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	92			
n-Butylbenzene	ND	97			
n-Propylbenzene	ND	96			
Naphthalene	ND	98			

QA/QC Data

SDG I.D.: GAG47951

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	98			
p-Isopropyltoluene	ND	104			
sec-Butylbenzene	ND	90			
Styrene	ND	96			
tert-Butylbenzene	ND	100			
Tetrachloroethene	ND	104			
Toluene	ND	93	91	85	6.8
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	104			
trans-1,3-Dichloropropene	ND	91			
Trichloroethene	ND	96	109	114	4.5
Trichlorofluoromethane	ND	104			
Vinyl Chloride	ND	117			
% Bromofluorobenzene	82	99	85	82	3.6

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

June 24, 2005

Chain of Custody Record



A tyco INTERNATIONAL LTD. COMPANY

Project Number		Project Name/Client		Earth Tech		Custody Seal #		Rust E&I Cooler #			
55849.02		Now Corp									
Sample Custodian: (Signature)		Sample Description (Field ID Number)		Date	Time	Grab	Comp	Analysis Required		Matrix	
Steve Dyer								AS, BA, CR, CU, FE, MN, HG, NI	TDS/TSS	Sample Type	Sample Container
1	EFF	6/05-6/5	6/15/05	11:05	X			8260	X	Q+G	250ml.
2			6/15/05	11:10							500ml.
3			6/15/05	11:15					X		32oz.
4			6/15/05	11:20					X		
5			6/15/05	11:25					X		
6	IAUF	6/05	6/15/05	11:30				47952	X		2
7			6/15/05	11:35							
8			6/15/05	11:40					X		
9			6/15/05	11:45					X		
10			6/15/05	11:50					X		
11	TW-1		6/15/05	12:00				47953	X		2
12	TW-2A		6/15/05	12:05				47954	X		2
13	TW-3		6/15/05	12:10				47955	X		2
14	Trip Blank		6/15/05	12:10				47956	X		2
15											
16											
17											
18											

Relinquished by: (Signature)	Received by: (Signature)	Date / Time
Steve Dyer	Christ P. Ukle	6/15/05 2:50
Relinquished by: (Signature)	Received by: (Signature)	Date / Time
Christ P. Ukle	Steve Dyer	6/15/05 11:10

Send Lab Results To:	Check Delivery Method:
Earth Tech	<input type="checkbox"/> Samples delivered in person
40 British American Blvd,	<input checked="" type="checkbox"/> Common carrier
Latham NY 12110	

Laboratory Receiving Notes:	Custody Seal Intact?	Temp. of Shipping Container:	Sample Condition:
	Yes	60	good

Disposed of by: (Signature)	Disposed of by: (Signature)

Items:	Date / Time
	6/15/05 11:05
Items:	Date / Time

**INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT**



June 21, 2005

RECEIVED

JUN 22 2005

EARTH TECH LABS



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

LABORATORY TEST RESULTS

Project Reference: NOW Corp., 55849.01
Lab Number: A5061602-01/06

Enclosed are results for sample(s) received 6/16/05 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 6/21/05.

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,

A handwritten signature in black ink that reads "Mark Johnson".

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

Client's Project: NOW CORP., 55849.02
 Date Received: 06/16/05
 Matrix: Air
 Units: ppbv

EPA Method TO14											
Lab No:	A5061602-01		A5061602-02		A5061602-03		A5061602-04		A5061602-05		
Client Sample I.D.:	TW - 1VE 6/05		TW - 2AVE 6/05		ST - 1 6/05		PAS 6/05		SVE - EXH 6/05		
Date Sampled:	06/15/05		06/15/05		06/15/05		06/15/05		06/15/05		
Date Analyzed:	06/16/05		06/16/05		06/16/05		06/16/05		06/16/05		
QC Batch No:	050616MS2A1		050616MS2A1		050616MS2A1		050616MS2A1		050616MS2A1		
Analyst Initials:	JM		JM		JM		JM		JM		
Dilution Factor:	2.5		2.5		2.5		2.5		1.0		
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	1.0
Chloroethane	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	1.0
1,1-Dichloroethene	1.0	10	2.5	16	2.5	12	2.5	21	2.5	6.1	1.0
1,1-Dichloroethane	1.0	34	2.5	58	2.5	40	2.5	220	2.5	23	1.0
c-1,2-Dichloroethene	1.0	13	2.5	28	2.5	15	2.5	9.2	2.5	9.4	1.0
1,1,1-Trichloroethane	1.0	64	2.5	210	2.5	80	2.5	720*	5.0	21	1.0
Benzene	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	1.0
1,2-Dichloroethane	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	1.0
Trichloroethene	1.0	330	2.5	610	5.0	380	2.5	300	2.5	ND	1.0
Toluene	1.0	96	2.5	100	2.5	110	2.5	97	2.5	93	1.0
1,1,2-Trichloroethane	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	1.0
Tetrachloroethene	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	1.0
Chlorobenzene	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	1.0
Ethylbenzene	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	1.7	1.0
p,&m-Xylene	1.0	3.9	2.5	4.7	2.5	4.4	2.5	4.0	2.5	3.6	1.0
o-Xylene	1.0	ND	2.5	ND	2.5	ND	2.5	ND	2.5	1.5	1.0

PQL = Practical Quantitation Limit
 ND= Not Detected (below RL)
 RL = PQL X Dilution Factor
 *: Result report from secondary dilution

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date: 6/21/05

The cover letter is an integral part of this analytical report



Client: EarthTech
 Attn: Steve Choiniere

Client's Project: NOW CORP., 55849.02
 Date Received: 06/16/05
 Matrix: Air
 Units: ppbv

EPA Method TO14			
Lab No:	A5061602-06		
Client Sample I.D.:	ST - 4 6/05		
Date Sampled:	06/15/05		
Date Analyzed:	06/16/05		
QC Batch No:	050616MS2A1		
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	ND	1.0
1,1-Dichloroethane	1.0	1.7	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	96	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	2.0	1.0
p,&m-Xylene	1.0	4.2	1.0
o-Xylene	1.0	1.6	1.0

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

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date 6/21/05

The cover letter is an integral part of this analytical report



QC Batch #: 050616MS2A1

Matrix: Air

EPA Method TO-14/TO-15											
Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	06/16/05		06/16/05		06/16/05						
Data File ID:	16JUN005.D		16JUN003.D		16JUN004.D						
Analyst Initials:	JM		JM		JM						
Dilution Factor:	1.0		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	10.4	104	10.4	104	0.2	70	130	30	Pass
Methylene Chloride	0.0	10.0	9.8	98	9.3	93	5.6	70	130	30	Pass
Trichloroethene	0.0	10.0	9.6	96	9.7	97	0.9	70	130	30	Pass
Toluene	0.0	10.0	9.5	95	9.2	92	3.4	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	9.7	97	9.5	95	2.0	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date: 6/21/05

The cover letter is an integral part of this analytical report





E A R T H T E C H

A Tyco Infrastructure Services Company

Project Number 55849 02		Project Name/Client EarthTech Now Corp		Earth Tech Cooler #	
Sample Custodian: (Signature) <i>Steve Day</i>		Analysis Required (ANALYTE LIST PER 2/12/98 BIA Form)		Custody Seal #	
Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp
1	TW-1UE 6/05	6/15/05	12:15	N/A	N/A
2	TW-2AVE 6/05	6/15/05	12:10		
3	ST-1 6/05	6/15/05	12:00		
4	PA-3 6/05	6/15/05	11:55		
5	SUE-EXH 6/05	6/15/05	11:50		
6	ST-4 6/05	6/15/05	11:50		
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Received by: (Signature) <i>FedEx</i>	Received by: (Signature) <i>Joe-Dong Men</i>	Received by: (Signature) <i>FedEx</i>	Received by: (Signature)
Disposed of by: (Signature)	Disposed of by: (Signature)	Disposed of by: (Signature)	Disposed of by: (Signature)

Relinquished by: (Signature) <i>Steve Day</i>	Relinquished by: (Signature) <i>FedEx</i>	Relinquished by: (Signature)	Relinquished by: (Signature)
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Send Lab Results To: Steve Choiniere Earth Tech 40 British American Blvd. Latham NY 12110	Remarks: 10 Bus Days TST. V Send Enough Bags Back with the cooler For the Next Sample. Federal Express Airbill No.: Lab:
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Check Delivery Method: <input type="checkbox"/> Samples delivered in person <input checked="" type="checkbox"/> Common carrier	Laboratory Receiving Notes: Custody Seal Intact? Temp. of Shipping Container: Sample Condition:
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