

Operation, Maintenance and Monitoring Report January 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**

March 14, 2005

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

Re: NOW Corporation - Site #3-14-008
Monthly Summary Report – “January” 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 35-day period (**January 5 – February 9, 2005**).

The P&T and SVE systems were online and fully operational throughout the reporting period, with no downtime. Approximately 906,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 25,900 gallons per day (gpd). During the prior reporting period, the average discharge was 26,600 gpd.

As of the last day of the reporting period, a total of 44,103,000 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 January 26, 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, maintenance, monitoring-well water-level measurements, and monthly sampling. Details follow:

January 26th – Routine bi-weekly system inspection, monthly sampling, and monitoring-well water-level measurements. Technicians also changed oil in the vapor blower motor.

February 9th - Routine bi-weekly system inspection and monitoring-well water-level measurements. Techs cleaned the impeller and housing of main effluent pump. They also cleaned the effluent flow meter and oiled the heat exchanger fan motors.

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.



A Tyco International Ltd. Company

Page 2
Mr. Carl Hoffman
NYSDEC

Sincerely,

Earth Tech Northeast

Stephen R. Choiniere
Project Manager

Attachments

TABLES

Table 1
Summary of Influent and Effluent Data
Sampling Date: January 26, 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		25,886				Monitor	gpd
pH	7.5	8.0	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	<0.1	<0.1	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	0.060	0.06	NA	NA	NA	2	mg/L
Chromium	<0.001	<0.001	NA	NA	NA	0.1	mg/L
Copper	0.002	0.002	NA	NA	NA	0.024	mg/L
Iron	0.009	0.012	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	0.077	0.061	NA	NA	NA	0.6	mg/L
Nickel	<0.001	<0.001	NA	NA	NA	0.2	mg/L
Zinc	<0.0002	<0.0002	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	290	<0.5	6.0	710	7	5	ug/L
1,1,2-Trichloroethane	<5	<0.5	<2.5	<5	<0.5	1.2	ug/L
1,1-Dichloroethane	88	<0.5	29	140	14	5	ug/L
1,1-Dichloroethene	6	<0.5	3	10	1.7	0.5	ug/L
1,2-Dichloroethane	<5	<0.5	<2.5	<5	<0.5	1.6	ug/L
Benzene	<5	<0.5	<2.5	<5	<0.5	0.8	ug/L
Chlorobenzene	<5	<0.5	<2.5	<5	<0.5	5	ug/L
Chloroethane	<5	<0.5	<2.5	<5	<0.5	5	ug/L
cis-1,2-Dichloroethene	8	<0.5	5.5	12	<0.5	5	ug/L
Ethylbenzene	<5	<0.5	<2.5	<5	<0.5	5	ug/L
Methyl tert-butyl ether	<20	<2	<10	<20	<2	5	ug/L
o-Xylene	<5	<0.5	<2.5	<5	<0.5	5	ug/L
p&m-Xylene	<5	<0.5	<2.5	<5	<0.5	10	ug/L
Tetrachloroethene	<5	<0.5	<2.5	<5	<0.5	1.4	ug/L
Toluene	<5	<0.5	<2.5	<5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<5	<0.5	<2.5	<5	<0.5	5	ug/L
Trichloroethene	210	<0.5	99	420	15	5	ug/L
Vinyl Chloride	<5	<0.5	<2.5	<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 "January" 2005 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		2/9/2005	Units
<i>TW-1</i>			
	Pumping Rate	4	GPM
	Water Level Above Transducer	43.12	feet
	Flow Meter Reading	238,800	gallons
	Pump Pressure	78	psi
<i>TW-2A</i>			
	Pumping Rate	13	GPM
	Water Level Above Transducer	47.48	feet
	Flow Meter Reading	91,420	gallons
	Pump Pressure	30	psi
<i>TW-3</i>			
	Pumping Rate	5	GPM
	Water Level Above Transducer	30.75	feet
	Flow Meter Reading	496,700	gallons
	Pump Pressure	64	psi
<i>Air Stripper</i>			
	Stripper Blower Pressure	18.5	inches H ₂ O
	Air Temperature in Stripper	47	°F
	Pressure Gauge - Left Leg	2.3	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	44,103,000	gallons
	IW-1 Flow Meter Reading	-	gallons
	IW-2 Flow Meter Reading	-	gallons
<i>Vapor Extraction System</i>			
	Vapor Blower Vacuum	7	inches Hg
	Vacuum before Filter with Dilution Air	6.5	inches Hg
	Vacuum on Knock-out Pot	10	inches Hg
	Blower Inlet Temperature	62	°F
	Blower Outlet Temperature	164	°F
	Pressure After Blower	44	psi
	Heat Exchanger Outlet Temperature	60	°F

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

NW - Not working

Table 3
January 2005 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	1/26/2005	
		Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	10.00	279.50
MW-2	332.51	26.11	306.40
MW-3	312.83	21.68	291.15
MW-3S	312.51	19.04	293.47
MW-4	298.29	20.89	277.40
MW-4D	298.16	20.70	277.46
MW-5	285.48	17.70	267.78
MW-6S	287.90	4.32	283.58
MW-6D	287.25	6.72	280.53
MW-7S	292.12	18.63	273.49
MW-7D	292.54	45.00	247.54
OW-1	307.75	47.20	260.55
OW-2	305.96	69.44	236.52
OW-6	294.81	4.90	289.91
IW-1	312.46	22.00	290.46
IW-2	306.56	37.29	269.27
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: January 26, 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	8.1	1.4	NS	NA	NS	NA	8.4	1.4	7.6	1.4	ND	5.0	ND	1.0	ND	1.0
Chloroethane	7.9	1.4	NS	NA	NS	NA	8.8	1.4	8.2	1.4	ND	5.0	ND	1.0	ND	1.0
1,1-Dichloroethene	82.0	1.4	NS	NA	NS	NA	84.0	1.4	79.0	1.4	17.0	5.0	2.5	1.0	1.2	1.0
1,1-Dichloroethane	120.0	1.4	NS	NA	NS	NA	120.0	1.4	130.0	1.4	160.0	5.0	4.7	1.0	7.3	1.0
cis-1,2-Dichloroethene	21.0	1.4	NS	NA	NS	NA	23.0	1.4	23.0	1.4	13.0	5.0	1.2	1.0	ND	1.0
1,1,1-Trichloroethane	92.0	1.4	NS	NA	NS	NA	95.0	1.4	100.0	1.4	520.0	8.0	4.4	1.0	ND	1.0
Benzene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	ND	5.0	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	ND	5.0	ND	1.0	ND	1.0
Trichloroethene	460 D	4.0	NS	NA	NS	NA	480 D	4.0	510 D	4.0	360.0	5.0	ND	1.0	ND	1.0
Toluene	2.4	1.4	NS	NA	NS	NA	2.7	1.4	2.8	1.4	11.0	5.0	2.0	1.0	3.1	1.0
1,1,2-Trichloroethane	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	ND	5.0	ND	1.0	ND	1.0
Tetrachloroethene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	ND	5.0	ND	1.0	ND	1.0
Chlorobenzene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	ND	5.0	ND	1.0	ND	1.0
Ethylbenzene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	7.2	5.0	ND	1.0	ND	1.0
p&m -Xylene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	29.0	5.0	ND	1.0	ND	1.0
o-Xylene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	1.4	14.0	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

February 04, 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.#: 55849.01

Custody Information

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

Date Time
01/26/05 12:10
01/27/05 10:24

Laboratory Data

SDG I.D.: GAG18237
Phoenix I.D.: AG18237

Client ID: NOW CORP EFF 1/05

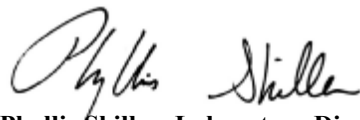
Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	BDL	0.01	mg/L	02/01/05		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	02/01/05		EK	200.7/6010
Barium	0.06	0.002	mg/L	02/01/05		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	02/01/05		EK	200.7/6010
Copper	0.002	0.001	mg/L	02/01/05		EK	6010/E200.7
Iron	0.012	0.002	mg/L	02/01/05		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	01/28/05		RS	7470/E245.1
Manganese	0.061	0.001	mg/L	02/01/05		EK	200.7/6010
Nickel	BDL	0.001	mg/L	02/01/05		EK	200.7/6010
Zinc	BDL	0.002	mg/L	02/01/05		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	02/01/05		E/J	EPA 1664
Total Cyanide	BDL	0.01	mg/L	01/31/05		PJ	9010/335.3
Tot. Diss. Solids	240	10	mg/L	02/01/05		PC	SM2540C
Total Suspended Solids	BDL	5	mg/L	02/01/05		PC	SM2540D
Mercury Digestion	Completed			01/28/05		Y	E245.1
Total Metals Digestion	Completed			01/27/04		AG	
<u>Volatiles</u>							
1,1,1-Trichloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
Benzene	ND	0.5	ug/L	01/29/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	01/29/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	01/29/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	01/29/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	01/29/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	01/29/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
Toluene	ND	0.5	ug/L	01/29/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	01/29/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	90		%	01/29/05		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
February 04, 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

February 04, 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.#: 55849.01

Custody Information

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

Date Time
01/26/05 12:40
01/27/05 10:24

Laboratory Data

SDG I.D.: GAG18237
Phoenix I.D.: AG18238

Client ID: NOW CORP INF 1/05

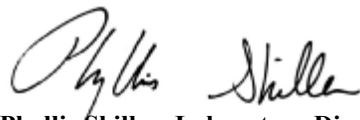
Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	BDL	0.01	mg/L	02/01/05		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	02/01/05		EK	200.7/6010
Barium	0.06	0.002	mg/L	02/01/05		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	02/01/05		EK	200.7/6010
Copper	0.002	0.001	mg/L	02/01/05		EK	6010/E200.7
Iron	0.009	0.002	mg/L	02/01/05		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	01/28/05		RS	7470/E245.1
Manganese	0.077	0.001	mg/L	02/01/05		EK	200.7/6010
Nickel	BDL	0.001	mg/L	02/01/05		EK	200.7/6010
Zinc	BDL	0.002	mg/L	02/01/05		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	02/01/05		E/J	EPA 1664
Total Cyanide	BDL	0.01	mg/L	01/31/05		PJ	9010/335.3
Tot. Diss. Solids	240	10	mg/L	02/01/05		PC	SM2540C
Total Suspended Solids	BDL	5	mg/L	02/01/05		PC	SM2540D
Mercury Digestion	Completed			01/28/05		Y	E245.1
Total Metals Digestion	Completed			01/27/04		AG	
<u>Volatiles</u>							
1,1,1-Trichloroethane	290	5	ug/L	02/01/05		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethane	88	5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethene	6	5	ug/L	02/01/05		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	02/01/05		RM	SW8260
Benzene	ND	5	ug/L	02/01/05		RM	SW8260
Chlorobenzene	ND	5	ug/L	02/01/05		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	5	ug/L	02/01/05		RM	SW8260
cis-1,2-Dichloroethene	8	5	ug/L	02/01/05		RM	SW8260
Ethylbenzene	ND	5	ug/L	02/01/05		RM	SW8260
m&p-Xylene	ND	5	ug/L	02/01/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	02/01/05		RM	SW8260
o-Xylene	ND	5	ug/L	02/01/05		RM	SW8260
Tetrachloroethene	ND	5	ug/L	02/01/05		RM	SW8260
Toluene	ND	5	ug/L	02/01/05		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	02/01/05		RM	SW8260
Trichloroethene	210	5	ug/L	02/01/05		RM	SW8260
Vinyl chloride	ND	5	ug/L	02/01/05		RM	SW8260
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	110		%	02/01/05		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
February 04, 2005



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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P.O.#: 55849.01

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Received by: BP
Analyzed by: see "By" below

Date Time
01/26/05 12:45
01/27/05 10:24

Laboratory Data

SDG I.D.: GAG18237
Phoenix I.D.: AG18239

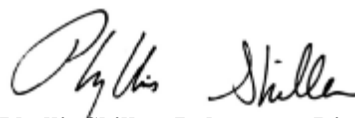
Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	6	2.5	ug/L	02/01/05		RM	SW8260
1,1,2-Trichloroethane	ND	2.5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethane	29	2.5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethene	3	2.5	ug/L	02/01/05		RM	SW8260
1,2-Dichloroethane	ND	2.5	ug/L	02/01/05		RM	SW8260
Benzene	ND	2.5	ug/L	02/01/05		RM	SW8260
Chlorobenzene	ND	2.5	ug/L	02/01/05		RM	SW8260
Chloroethane	ND	2.5	ug/L	02/01/05		RM	SW8260
cis-1,2-Dichloroethene	5.5	2.5	ug/L	02/01/05		RM	SW8260
Ethylbenzene	ND	2.5	ug/L	02/01/05		RM	SW8260
m&p-Xylene	ND	2.5	ug/L	02/01/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	02/01/05		RM	SW8260
o-Xylene	ND	2.5	ug/L	02/01/05		RM	SW8260
Tetrachloroethene	ND	2.5	ug/L	02/01/05		RM	SW8260
Toluene	ND	2.5	ug/L	02/01/05		RM	SW8260
trans-1,2-Dichloroethene	ND	2.5	ug/L	02/01/05		RM	SW8260
Trichloroethene	99	2.5	ug/L	02/01/05		RM	SW8260
Vinyl chloride	ND	2.5	ug/L	02/01/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	100		%	02/01/05		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, flowing style.

Phyllis Shiller, Laboratory Director
February 04, 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

February 04, 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.#: 55849.01

Custody Information

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

Date Time
01/26/05 12:50
01/27/05 10:24

Laboratory Data

SDG I.D.: GAG18237
Phoenix I.D.: AG18240

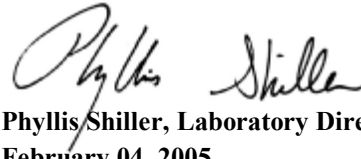
Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	710	5	ug/L	02/01/05		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethane	140	5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethene	10	5	ug/L	02/01/05		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	02/01/05		RM	SW8260
Benzene	ND	5	ug/L	02/01/05		RM	SW8260
Chlorobenzene	ND	5	ug/L	02/01/05		RM	SW8260
Chloroethane	ND	5	ug/L	02/01/05		RM	SW8260
cis-1,2-Dichloroethene	12	5	ug/L	02/01/05		RM	SW8260
Ethylbenzene	ND	5	ug/L	02/01/05		RM	SW8260
m&p-Xylene	ND	5	ug/L	02/01/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	02/01/05		RM	SW8260
o-Xylene	ND	5	ug/L	02/01/05		RM	SW8260
Tetrachloroethene	ND	5	ug/L	02/01/05		RM	SW8260
Toluene	ND	5	ug/L	02/01/05		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	02/01/05		RM	SW8260
Trichloroethene	420	5	ug/L	02/01/05		RM	SW8260
Vinyl chloride	ND	5	ug/L	02/01/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	90		%	02/01/05		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 cursive script, reading "Phyllis Shiller".

Phyllis Shiller, Laboratory Director
February 04, 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

February 04, 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.#: 55849.01

Custody Information

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

Date Time
01/26/05 12:55
01/27/05 10:24

Laboratory Data

SDG I.D.: GAG18237
Phoenix I.D.: AG18241

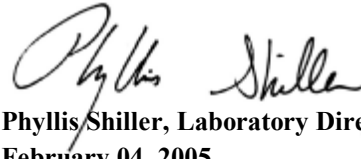
Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	7	0.5	ug/L	01/29/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
1,1-Dichloroethane	14	0.5	ug/L	01/29/05		RM	SW8260
1,1-Dichloroethene	1.7	0.5	ug/L	01/29/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
Benzene	ND	0.5	ug/L	01/29/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	01/29/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	01/29/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	01/29/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	01/29/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	01/29/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	01/29/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
Toluene	ND	0.5	ug/L	01/29/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	01/29/05		RM	SW8260
Trichloroethene	15	0.5	ug/L	01/29/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	01/29/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	90		%	01/29/05		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 cursive script, reading "Phyllis Shiller".

Phyllis Shiller, Laboratory Director
February 04, 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

February 04, 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.#: 55849.01

Custody Information

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

Date

01/26/05
01/27/05

Time

0:00
10:24

Laboratory Data

SDG I.D.: GAG18237

Phoenix I.D.: AG18242

Client ID: NOW CORP TRIP BLANK

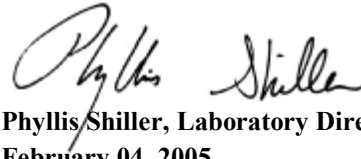
Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	ND	0.5	ug/L	02/01/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	02/01/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	02/01/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	02/01/05		RM	SW8260
Benzene	ND	0.5	ug/L	02/01/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	02/01/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	02/01/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	02/01/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	02/01/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	02/01/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	02/01/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	02/01/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	02/01/05		RM	SW8260
Toluene	ND	0.5	ug/L	02/01/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	02/01/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	02/01/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	02/01/05		RM	SW8260
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	100		%	02/01/05		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 cursive script, reading "Phyllis Shiller".

Phyllis Shiller, Laboratory Director
February 04, 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

February 04, 2005

QA/QC Data

SDG I.D.: GAG18237

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG18210 (AG18237, AG18238)						
<u>ICP Metals - Aqueous</u>						
Aluminum	BDL	98.7	1.40	99.6	99.7	0.1
Antimony	BDL	97.9	NC	99.3	98.8	0.5
Arsenic	BDL	95.5	NC	96.3	96.6	0.3
Barium	BDL	103	NC	105	105	0.0
Beryllium	BDL	102	NC	103	104	1.0
Boron	BDL		BDL			
Cadmium	BDL	98.2	NC	97.7	98.6	0.9
Calcium	BDL		BDL			
Chromium	BDL	102	NC	103	103	0.0
Cobalt	BDL	102	NC	103	103	0.0
Copper	BDL	106	NC	104	105	1.0
Iron	BDL	105	1.00	106	106	0.0
Lead	BDL	106	NC	107	107	0.0
Magnesium	BDL		BDL			
Manganese	0.001	108	0.2	109	109	0.0
Molybdenum	BDL		BDL			
Nickel	BDL	100	NC	102	102	0.0
Phosphorus	BDL		BDL			
Selenium	BDL	93.5	NC	93.1	94.3	1.3
Silver	BDL	102	NC	103	105	1.9
Thallium	BDL	98.7	NC	99.6	99.8	0.2
Tin	BDL		BDL			
Vanadium	BDL	101	NC	103	103	0.0
Zinc	BDL	96.7	NC	96.9	96.3	0.6

QA/QC Batch Sample No: AG18210 (AG18237, AG18238)

Lead (Furnace)	BDL	100.4	NC	99.2		NC
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QA/QC Batch Sample No: AG18210 (AG18237, AG18238)

Thallium	BDL	109.5	NC	107.1		NC
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QA/QC Batch Sample No: AG18441 (AG18237, AG18238)

Mercury	BDL	98	NC	102	102	0.0
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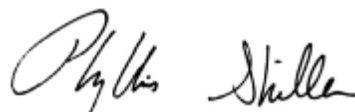
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

A handwritten signature in cursive script, appearing to read "Phyllis Shiller".

Phyllis Shiller, Laboratory Director

February 04, 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

February 04, 2005

QA/QC Data

SDG I.D.: GAG18237

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AG17643 (AG18237, AG18238)				
Total Cyanide	BDL	108	101	NC
QA/QC Batch Sample No: AG18083 (AG18237, AG18238)				
Oil and Grease by EPA 1664	BDL	101.5	86.2	NR
QA/QC Batch Sample No: AG18237 (AG18237, AG18238)				
Tot. Diss. Solids	BDL	108.0	NR	0.0
QA/QC Batch Sample No: AG18237 (AG18237, AG18238)				
Total Suspended Solids	BDL	87	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

February 04, 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

February 04, 2005

QA/QC Data

SDG I.D.: GAG18237

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG17828 (AG18237, AG18241)					
<u>Volatiles Organics</u>					
1,1,1,2-Tetrachloroethane	ND	89			
1,1,1-Trichloroethane	ND	77			
1,1,2,2-Tetrachloroethane	ND	109			
1,1,2-Trichloroethane	ND	106			
1,1-Dichloroethane	ND	92			
1,1-Dichloroethene	ND	95	102	106	3.8
1,1-Dichloropropene	ND	91			
1,2,3-Trichlorobenzene	ND	124			
1,2,3-Trichloropropane	ND	96			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	119			
1,2,4-Trimethylbenzene	ND	88			
1,2-Dibromo-3-chloropropane	ND	114			
1,2-Dichlorobenzene	ND	105			
1,2-Dichloroethane	ND	82			
1,2-Dichloropropane	ND	101			
1,3,5-Trimethylbenzene	ND	89			
1,3-Dichlorobenzene	ND	101			
1,3-Dichloropropane	ND	101			
1,4-Dichlorobenzene	ND	99			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	95			
4-Chlorotoluene	ND	101			
Benzene	ND	108	102	103	1.0
Bromobenzene	ND	104			
Bromochloromethane	ND	105			
Bromodichloromethane	ND	92			
Bromoform	ND	96			
Bromomethane	ND	128			
Carbon Tetrachloride	ND				
Chlorobenzene	ND	91	102	105	2.9
Chloroethane	ND	102			

QA/QC Data

SDG I.D.: GAG18237

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	87			
Chloromethane	ND	108			
cis-1,2-Dichloroethene	ND	108			
cis-1,3-Dichloropropene	ND	97			
Dibromochloromethane	ND	96			
Dibromoethane	ND	100			
Dibromomethane	ND	99			
Dichlorodifluoromethane	ND	103			
Ethylbenzene	ND	90			
Hexachlorobutadiene	ND	82			
Isopropylbenzene	ND	101			
m&p-Xylene	ND	90			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	107			
n-Butylbenzene	ND	82			
n-Propylbenzene	ND	93			
Naphthalene	ND	114			
o-Xylene	ND	93			
p-Isopropyltoluene	ND	88			
sec-Butylbenzene	ND	80			
Styrene	ND	100			
tert-Butylbenzene	ND	84			
Tetrachloroethene	ND	84			
Toluene	ND	95	100	109	8.6
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	98			
trans-1,3-Dichloropropene	ND	96			
Trichloroethene	ND	94	102	112	9.3
Trichlorofluoromethane	ND	75			
Vinyl Chloride	ND	90			
% Bromofluorobenzene	95	92	92	94	2.2

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

QA/QC Batch Sample No: AG17952 (AG18242)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	98			
1,1,1-Trichloroethane	ND	92			
1,1,2,2-Tetrachloroethane	ND	90			
1,1,2-Trichloroethane	ND	80			
1,1-Dichloroethane	ND	100			
1,1-Dichloroethene	ND	111	104	89	15.5
1,1-Dichloropropene	ND	92			

QA/QC Data

SDG I.D.: GAG18237

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	77			
1,2,3-Trichloropropane	ND	103			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND				
1,2,4-Trimethylbenzene	ND	119			
1,2-Dibromo-3-chloropropane	ND				
1,2-Dichlorobenzene	ND	98			
1,2-Dichloroethane	ND	87			
1,2-Dichloropropane	ND	99			
1,3,5-Trimethylbenzene	ND	124			
1,3-Dichlorobenzene	ND	111			
1,3-Dichloropropane	ND	90			
1,4-Dichlorobenzene	ND	105			
2,2-Dichloropropane	ND	91			
2-Chlorotoluene	ND	114			
4-Chlorotoluene	ND	118			
Benzene	ND	93	86	80	7.2
Bromobenzene	ND	102			
Bromochloromethane	ND	85			
Bromodichloromethane	ND	92			
Bromoform	ND	87			
Bromomethane	ND	100			
Carbon Tetrachloride	ND	87			
Chlorobenzene	ND	98	89	86	3.4
Chloroethane	ND	106			
Chloroform	ND	86			
Chloromethane	ND	128			
cis-1,2-Dichloroethene	ND	99			
cis-1,3-Dichloropropene	ND	90			
Dibromochloromethane	ND	88			
Dibromoethane	ND	78			
Dibromomethane	ND	88			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	110			
Hexachlorobutadiene	ND				
Isopropylbenzene	ND	119			
m&p-Xylene	ND	115			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	92			
n-Butylbenzene	ND	115			
n-Propylbenzene	ND	118			
Naphthalene	ND				

QA/QC Data

SDG I.D.: GAG18237

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	106			
p-Isopropyltoluene	ND				
sec-Butylbenzene	ND	116			
Styrene	ND	107			
tert-Butylbenzene	ND	123			
Tetrachloroethene	ND	96			
Toluene	ND	96	94	83	12.4
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	105			
trans-1,3-Dichloropropene	ND	86			
Trichloroethene	ND	98	89	85	4.6
Trichlorofluoromethane	ND	109			
Vinyl Chloride	ND				
% Bromofluorobenzene	94	107	107	95	11.9

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

QA/QC Batch Sample No: AG18172 (AG18238, AG18239, AG18240, AG18242)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	110			
1,1,1-Trichloroethane	ND	97			
1,1,2,2-Tetrachloroethane	ND	102			
1,1,2-Trichloroethane	ND	108			
1,1-Dichloroethane	ND	95			
1,1-Dichloroethene	ND	99	109	97	11.7
1,1-Dichloropropene	ND	93			
1,2,3-Trichlorobenzene	ND	95			
1,2,3-Trichloropropane	ND	102			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	87			
1,2,4-Trimethylbenzene	ND	112			
1,2-Dibromo-3-chloropropane	ND	99			
1,2-Dichlorobenzene	ND	102			
1,2-Dichloroethane	ND	113			
1,2-Dichloropropane	ND	105			
1,3,5-Trimethylbenzene	ND	107			
1,3-Dichlorobenzene	ND	111			
1,3-Dichloropropane	ND	107			
1,4-Dichlorobenzene	ND	104			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	101			
4-Chlorotoluene	ND	108			
Benzene	ND	96	95	92	3.2

QA/QC Data

SDG I.D.: GAG18237

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Bromobenzene	ND	106			
Bromochloromethane	ND	89			
Bromodichloromethane	ND	116			
Bromoform	ND	106			
Bromomethane	ND	96			
Carbon Tetrachloride	ND	100			
Chlorobenzene	ND	104	100	98	2.0
Chloroethane	ND	99			
Chloroform	ND	92			
Chloromethane	ND	123			
cis-1,2-Dichloroethene	ND	100			
cis-1,3-Dichloropropene	ND	97			
Dibromochloromethane	ND	113			
Dibromoethane	ND	113			
Dibromomethane	ND	110			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	109			
Hexachlorobutadiene	ND	81			
Isopropylbenzene	ND	112			
m&p-Xylene	ND	111			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	92			
n-Butylbenzene	ND	98			
n-Propylbenzene	ND	100			
Naphthalene	ND	84			
o-Xylene	ND	103			
p-Isopropyltoluene	ND	109			
sec-Butylbenzene	ND	103			
Styrene	ND	105			
tert-Butylbenzene	ND	111			
Tetrachloroethene	ND	96			
Toluene	ND	107	89	101	12.6
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	94			
trans-1,3-Dichloropropene	ND	103			
Trichloroethene	ND	107	102	98	4.0
Trichlorofluoromethane	ND	98			
Vinyl Chloride	ND	118			
% Bromofluorobenzene	97	110	103	104	1.0

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

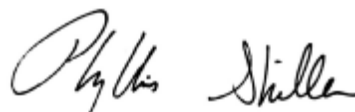
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

A handwritten signature in cursive script, appearing to read "Phyllis Shiller".

Phyllis Shiller, Laboratory Director

February 04, 2005

**INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT**



February 7, 2005

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

Project Reference: NOW Corp., 55849.01
Lab Number: A5012703-01/06

Enclosed are results for sample(s) received 1/27/05 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.
All results are reported without qualifications.

Results were faxed to Steve Choiniere on 2/4/05.

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

Page1 of 1

Client's Project: NOW CORP., 55849.01
Date Received: 01/27/05
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:	A5012703-01		A5012703-02		A5012703-03		A5012703-04		A5012703-05		
Client Sample I.D.:	TW - 1VE 1/05		TW - 2AVE 1/05		ST - 1 1/05		PAS 1/05		SVE - EXH 1/05		
Date Sampled:	01/26/05		01/26/05		01/26/05		01/26/05		01/26/05		
Date Analyzed:	01/27/05		01/27/05		01/27/05		01/27/05		01/27/05		
QC Batch No:	050127MS2A1		050127MS2A1		050127MS2A1		050127MS2A1		050127MS2A1		
Analyst Initials:	JM		JM		JM		JM		JM		
Dilution Factor:	1.4		1.4		1.4		5.0		1.0		
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	8.1	1.4	8.4	1.4	7.6	1.4	ND	5.0	ND	1.0
Chloroethane	1.0	7.9	1.4	8.8	1.4	8.2	1.4	ND	5.0	ND	1.0
1,1-Dichloroethene	1.0	82	1.4	84	1.4	79	1.4	17	5.0	2.5	1.0
1,1-Dichloroethane	1.0	120	1.4	120	1.4	130	1.4	160	5.0	4.7	1.0
c-1,2-Dichloroethene	1.0	21	1.4	23	1.4	23	1.4	13	5.0	1.2	1.0
1,1,1-Trichloroethane	1.0	92	1.4	95	1.4	100	1.4	520	8.0	4.4	1.0
Benzene	1.0	ND	1.4	ND	1.4	ND	1.4	ND	5.0	ND	1.0
1,2-Dichloroethane	1.0	ND	1.4	ND	1.4	ND	1.4	ND	5.0	ND	1.0
Trichloroethene	1.0	460 d	4.0	480 d	4.0	510 d	4.0	360	5.0	ND	1.0
Toluene	1.0	2.4	1.4	2.7	1.4	2.8	1.4	11	5.0	2.0	1.0
1,1,2-Trichloroethane	1.0	ND	1.4	ND	1.4	ND	1.4	ND	5.0	ND	1.0
Tetrachloroethene	1.0	ND	1.4	ND	1.4	ND	1.4	ND	5.0	ND	1.0
Chlorobenzene	1.0	ND	1.4	ND	1.4	ND	1.4	ND	5.0	ND	1.0
Ethylbenzene	1.0	ND	1.4	ND	1.4	ND	1.4	7.2	5.0	ND	1.0
p,&m-Xylene	1.0	ND	1.4	ND	1.4	ND	1.4	29	5.0	ND	1.0
o-Xylene	1.0	ND	1.4	ND	1.4	ND	1.4	14	5.0	ND	1.0

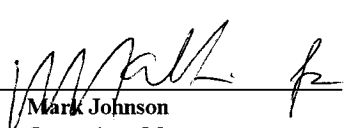
PQL = Practical Quantitation Limit

ND= Not Detected (below RL)

RL = PQL X Dilution Factor

d = Compound reported from secondary dilution

Reviewed/Approved By:


Mark Johnson
Operations Manager

Date

2/3/05

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

Client: EarthTech
Attn: Steve Choiniere

Page1 of 1

Client's Project: NOW CORP., 55849.01
Date Received: 01/27/05
Matrix: Air
Units: ppbv

EPA Method TO14

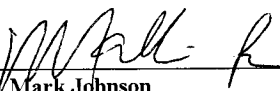
Lab No:	A5012703-06												
Client Sample I.D.:	ST - 4 1/05												
Date Sampled:	01/26/05												
Date Analyzed:	01/27/05												
QC Batch No:	050127MS2A1												
Analyst Initials:	JM												
Dilution Factor:	1.0												
ANALYTE	PQL	Result	RL										
Vinyl Chloride	1.0	ND	1.0										
Chloroethane	1.0	ND	1.0										
1,1-Dichloroethene	1.0	1.2	1.0										
1,1-Dichloroethane	1.0	7.3	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	3.1	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 2/3/05

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

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 050127MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	01/27/05		01/27/05		01/27/05						
Data File ID:	27JAN005.D		27JAN003.D		27JAN004.D						
Analyst Initials:	JM		JM		JM						
Dilution Factor:	1.0		1.0		1.0						
ANALYTE	Result ppbv	Spike Amount	Result ppbv	% Rec	Result ppbv	% Rec	RPD	Limits			Pass/ Fail
								Low %Rec	High %Rec	Max. RPD	
1,1-Dichloroethene	0.0	10.0	8.9	89	8.6	86	3.2	70	130	30	Pass
Methylene Chloride	0.0	10.0	9.0	90	8.6	86	4.5	70	130	30	Pass
Trichloroethene	0.0	10.0	8.8	88	8.6	86	1.7	70	130	30	Pass
Toluene	0.0	10.0	8.0	80	8.1	81	1.2	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	8.7	87	8.6	86	1.0	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____

Mark Johnson

Operations Manager

Date: _____

2/3/05

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 55549.01		Project Name/Client New Corp		Custody Seal #		Earth Tech Cooler #	
Sample Custodian: (Signature) <i>Steve. Joy</i>		Analysis Required (Analyte List Per 2/12/08 Bid Form)		Sample Type		Sample Container	
Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp	PID Reading (ppm)	Label Number
1	TW-1UE '105	1/26/05	1:15	N/A	N/A		
2	TW-2AUE '105	1/26/05	1:20				
3	ST-1 '105	1/26/05	1:25				
4	PA5 '105	1/26/05	1:10				
5	SVE-EXH '105	1/26/05	1:05				
6	ST-4 '105	1/26/05	1:00				
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
Relinquished by: (Signature) <i>Steve. Joy</i>		Date / Time 1/26/05 1:40		Received by: (Signature) <i>RED EX</i>		Disposed of by: (Signature)	
Relinquished by: (Signature) <i>RED EX</i>		Date / Time 01/27/05 01:05		Received by: (Signature) <i>CEP</i>		Disposed of by: (Signature)	
Send Lab Results To: Steve Choinere		Remarks: 10 Bus Day TAT		Check Delivery Method:		Laboratory Receiving Notes:	
Earth Tech		Send enough Bags back with cooler for next sample		☐ Samples delivered in person		Custody Seal Intact?	
40 British American Blvd.		Federal Express Airbill No.: c/o Roger Gray		☒ Common carrier		Temp. of Shipping Container:	
Latham NY 12110		Lab: 8455 2380 8634				Sample Condition:	