Operation, Maintenance and Monitoring Report
December 2004

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

40 British American Boulevard, Latham, New York 12110

February 23, 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 – "December" 2004

Dear Mr. Hoffman:

Telephone
518.951.2200
Facsimile
518.951.2300

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 29-day period (**December 7, 2004 – January 5, 2005**).

The P&T and SVE systems were online and fully operational throughout the reporting period, with no downtime. Approximately 771,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 26,600 gallons per day (gpd). During the prior reporting period, the average discharge was 17,000 gpd.

As of the last day of the reporting period, a total of 43,197,000 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 December 20, 2004. 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 three site visits during the reporting period to conduct the required system inspections, maintenance, monitoring-well water-level measurements, and monthly sampling. Details follow:

December 16th – Technicians disassembled, cleaned, and reassembled air stripper. They also pumped about three feet of accumulated water from the meter pit on the hill behind the treatment plant. System was restarted, and discharge rates on submersible pumps were reset. Belts on vapor blower motor were tightened and noted to be in need of replacement.

December 20th – Routine bi-weekly system inspection, monthly sampling, and monitoring-well water-level measurements. Technicians also changed oil in the vapor blower motor.

January 5th - Routine bi-weekly system inspection and monitoring-well water-level measurements. Techs greased air-stripper blower motor, and replaced belts on the vapor blower motor.

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:December 20, 2004
NOW Corporation Site
Town of Clinton, New York

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations	(units)
			TW-1	TW-2A	TW-3		
Quantity treated, per day		26,586				Monitor	gpd
pH	6.8	7.4	NA	NA	NA	6.5 to 8.5	standard units
Oil and Grease	**1.7**	**1.9**	NA	NA	NA	15	mg/L
Total Cyanide	<0.01	<0.01	NA	NA	NA	0.01	mg/L
TDS	**270**	**270**	NA	NA	NA	1000	mg/L
TSS	<5	**5**	NA	NA	NA	50	mg/L
Aluminum, Total	**0.787**	**0.801**	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	**0.068**	**0.069**	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	**0.025**	**0.021**	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	**0.075**	**0.058**	NA	NA	NA	0.6	mg/L
Nickel	**0.002**	**0.002**	NA	NA	NA	0.2	mg/L
Zinc	**0.004**	**0.002**	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	**300**	<0.5	**7.0**	**480**	**9.9**	5	ug/L
1,1,2-Trichloroethane	<5	<0.5	<5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	**97**	<0.5	**75**	**140**	**18**	5	ug/L
1,1-Dichloroethene	**13**	<0.5	**9**	**56**	**3**	0.5	ug/L
1,2-Dichloroethane	<5	<0.5	<5	<0.5	<0.5	1.6	ug/L
Benzene	<5	<0.5	<5	<0.5	<0.5	0.8	ug/L
Chlorobenzene	<5	<0.5	<5	<0.5	<0.5	5	ug/L
Chloroethane	<5	<0.5	<5	**4.4**	**0.5**	5	ug/L
cis-1,2-Dichloroethene	**10**	<0.5	**10.0**	**21**	<0.5	5	ug/L
Ethylbenzene	<5	<0.5	<5	<0.5	<0.5	5	ug/L
Methyl tert-butyl ether	<20	<2	<20	<2	<2	5	ug/L
o-Xylene	<5	<0.5	<5	<0.5	<0.5	5	ug/L
p&m-Xylene	<5	<0.5	<5	<0.5	<0.5	10	ug/L
Tetrachloroethene	<5	<0.5	<5	<0.5	<0.5	1.4	ug/L
Toluene	<5	<0.5	<5	<0.5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<5	<0.5	<5	<0.5	<0.5	5	ug/L
Trichloroethene	**220**	<0.5	**80**	**390**	**16**	5	ug/L
Vinyl Chloride	<5	<0.5	<5	**3.8**	<0.5	0.6	ug/L

Notes:

1) Positive results are presented in ***bold*** *typeface. Numeric values are in units shown in far right column.*

2) Effluent concentration boxed in ***bold*** *denotes exceedance of effluent limitations.*

3) NA indicates not analyzed.

*4) "**J**" indicates an estimated concentration below the method detection limit.*

Table 2
Summary of "December" 2004 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		1/5/2005	Units
TW-1			
	Pumping Rate	4	GPM
	Water Level Above Transducer	27.00	feet
	Flow Meter Reading	2,172,800	gallons
	Pump Pressure	74	psi
TW-2A			
	Pumping Rate	13	GPM
	Water Level Above Transducer	49.36	feet
	Flow Meter Reading	8,337,300	gallons
	Pump Pressure	29	psi
TW-3			
	Pumping Rate	5	GPM
	Water Level Above Transducer	32.02	feet
	Flow Meter Reading	263,100	gallons
	Pump Pressure	63	psi
Air Stripper			
	Stripper Blower Pressure	18	inches H_2O
	Air Temperature in Stripper	46	°F
	Pressure Gauge - Left Leg	2.2	inches H_2O
	Pressure Gauge - Right Leg	1.6	inches H_2O
	Pressure/Vacuum on the Stripper	0	inches H_2O
Effluent Flow			
	Total System Meter Reading	43,197,000	gallons
	IW-1 Flow Meter Reading	-	gallons
	IW-2 Flow Meter Reading	-	gallons
Vapor Extraction System			
	Vapor Blower Vacuum	8	inches Hg
	Vacuum before Filter with Dilution Air	8	inches Hg
	Vacuum on Knock-out Pot	12	inches Hg
	Blower Inlet Temperature	72	°F
	Blower Outlet Temperature	208	°F
	Pressure After Blower	46	psi
	Heat Exchanger Outlet Temperature	72	°F

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

Table 3
December 2004 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	12/20/2004 Depth to Water (Ft below MP)	12/20/2004 GW Elevation
MW-1	289.50	10.19	279.31
MW-2	332.51	26.00	306.51
MW-3	312.83	23.23	289.60
MW-3S	312.51	20.84	291.67
MW-4	298.29	21.12	277.17
MW-4D	298.16	21.00	277.16
MW-5	285.48	18.06	267.42
MW-6S	287.90	4.44	283.46
MW-6D	287.25	7.00	280.25
MW-7S	292.12	22.00	270.12
MW-7D	292.54	52.82	239.72
OW-1	307.75	50.58	257.17
OW-2	305.96	71.82	234.14
OW-6	294.81	5.00	289.81
IW-1	312.46	23.27	289.19
IW-2	306.56	39.49	267.07
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: December 20, 2004

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	**3.7**	1.4	NS	NA	NS	NA	**3.8**	1.4	**3.8**	2.0	ND	2.0	ND	1.0	ND	1.0
Chloroethane	**2.9**	1.4	NS	NA	NS	NA	**3.0**	1.4	ND	2.0	ND	2.0	ND	1.0	ND	1.0
1,1-Dichloroethene	**39.0**	1.4	NS	NA	NS	NA	**40.0**	1.4	**40.0**	2.0	**13.0**	2.0	ND	1.0	ND	1.0
1,1-Dichloroethane	**71.0**	1.4	NS	NA	NS	NA	**76.0**	1.4	**86.0**	2.0	**130.0**	2.0	**2.2**	1.0	**2.3**	1.0
cis-1,2-Dichloroethene	**10.0**	1.4	NS	NA	NS	NA	**11.0**	1.4	**13.0**	2.0	**12.0**	2.0	ND	1.0	ND	1.0
1,1,1-Trichloroethane	**51.0**	1.4	NS	NA	NS	NA	**54.0**	1.4	**61.0**	2.0	**390.0**	8.0	**1.8**	1.0	ND	1.0
Benzene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	2.0	ND	2.0	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	2.0	ND	2.0	ND	1.0	ND	1.0
Trichloroethene	**250**	1.4	NS	NA	NS	NA	**260**	1.4	**290**	2.0	**240.0**	2.0	ND	1.0	ND	1.0
Toluene	**5.3**	1.4	NS	NA	NS	NA	**7.2**	1.4	**6.4**	2.0	**5.5**	2.0	**5.9**	1.0	**6.0**	1.0
1,1,2-Trichloroethane	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	2.0	ND	2.0	ND	1.0	ND	1.0
Tetrachloroethene	ND	1.4	NS	NA	NS	NA	ND	1.4	**9.8**	2.0	ND	2.0	ND	1.0	ND	1.0
Chlorobenzene	ND	1.4	NS	NA	NS	NA	ND	1.4	ND	2.0	ND	2.0	ND	1.0	ND	1.0
Ethylbenzene	ND	1.4	NS	NA	NS	NA	ND	1.4	**2.5**	2.0	ND	2.0	ND	1.0	ND	1.0
p&m -Xylene	ND	1.4	NS	NA	NS	NA	ND	1.4	**15.0**	2.0	**3.3**	2.0	ND	1.0	ND	1.0
o-Xylene	ND	1.4	NS	NA	NS	NA	ND	1.4	**5.4**	2.0	ND	2.0	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

January 12, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	**WATER**	**Collected by:**	**STEVE GRA**	**12/20/04**	**10:35**
Location Code:	**EARTH-NY**	**Received by:**	**BP**	**12/21/04**	**9:27**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**5584901**				

SDG I.D.: GAG10228
Phoenix I.D.: AG10228

Laboratory Data

Client ID: NOW CORP EFFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.801	0.01	mg/L	12/22/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	12/22/04		EK	200.7/6010
Barium	0.069	0.002	mg/L	12/22/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	12/22/04		EK	200.7/6010
Copper	BDL	0.001	mg/L	12/22/04		EK	6010/E200.7
Iron	0.021	0.002	mg/L	12/22/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	12/28/04		RS	7470/E245.1
Manganese	0.058	0.001	mg/L	12/22/04		EK	200.7/6010
Nickel	0.002	0.001	mg/L	12/22/04		EK	200.7/6010
Zinc	0.002	0.002	mg/L	12/27/04		EK	200.7/6010
Oil and Grease by EPA 1664	1.9	1.4	mg/L	01/10/05		J/E	EPA 1664
Total Cyanide	BDL	0.01	mg/L	12/27/04		PJ	9010/335.3
Tot. Diss. Solids	270	10	mg/L	12/27/04		CF	SM2540C
Total Suspended Solids	5.0	5	mg/L	12/22/04		CF	SM2540D
Mercury Digestion	Completed			12/28/04		Y	E245.1
Total Metals Digestion	Completed			12/21/04		AG	
Volatiles							
1,1,1-Trichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	12/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	12/21/04		RM	SW8260

Client ID: NOW CORP EFFLUENT **Phoenix I.D.: AG10228**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	12/21/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	12/21/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	12/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	12/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	12/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	12/21/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	12/21/04		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
January 12, 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

January 12, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	**WATER**	**Collected by:**	**STEVE GRA**	**12/20/04**	**11:05**
Location Code:	**EARTH-NY**	**Received by:**	**BP**	**12/21/04**	**9:27**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**5584901**				

SDG I.D.: GAG10228
Phoenix I.D.: AG10229

Laboratory Data

Client ID: NOW CORP INFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.787	0.01	mg/L	12/22/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	12/22/04		EK	200.7/6010
Barium	0.068	0.002	mg/L	12/22/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	12/22/04		EK	200.7/6010
Copper	BDL	0.001	mg/L	12/22/04		EK	6010/E200.7
Iron	0.025	0.002	mg/L	12/22/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	12/28/04		RS	7470/E245.1
Manganese	0.075	0.001	mg/L	12/22/04		EK	200.7/6010
Nickel	0.002	0.001	mg/L	12/22/04		EK	200.7/6010
Zinc	0.004	0.002	mg/L	12/27/04		EK	200.7/6010
Oil and Grease by EPA 1664	1.7	1.4	mg/L	01/10/05		J/E	EPA 1664
Total Cyanide	BDL	0.01	mg/L	12/27/04		PJ	9010/335.3
Tot. Diss. Solids	270	10	mg/L	12/27/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	12/22/04		CF	SM2540D
Mercury Digestion	Completed			12/28/04		Y	E245.1
Total Metals Digestion	Completed			12/21/04		AG	
Volatiles							
1,1,1-Trichloroethane	300	5	ug/L	12/23/04		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	12/23/04		RM	SW8260
1,1-Dichloroethane	97	5	ug/L	12/23/04		RM	SW8260
1,1-Dichloroethene	13	5	ug/L	12/23/04		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	12/23/04		RM	SW8260
Benzene	ND	5	ug/L	12/23/04		RM	SW8260
Chlorobenzene	ND	5	ug/L	12/23/04		RM	SW8260

Client ID: NOW CORP INFLUENT **Phoenix I.D.: AG10229**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	5	ug/L	12/23/04		RM	SW8260
cis-1,2-Dichloroethene	10	5	ug/L	12/23/04		RM	SW8260
Ethylbenzene	ND	5	ug/L	12/23/04		RM	SW8260
m&p-Xylene	ND	5	ug/L	12/23/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	12/23/04		RM	SW8260
o-Xylene	ND	5	ug/L	12/23/04		RM	SW8260
Tetrachloroethene	ND	5	ug/L	12/23/04		RM	SW8260
Toluene	ND	5	ug/L	12/23/04		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	12/23/04		RM	SW8260
Trichloroethene	220	5	ug/L	12/23/04		RM	SW8260
Vinyl chloride	ND	5	ug/L	12/23/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	100		%	12/23/04		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
January 12, 2005

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 12, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	STEVE GRA	12/20/04	11:30
Location Code:	EARTH-NY	Received by:	BP	12/21/04	9:27
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAG10228
Phoenix I.D.: AG10230

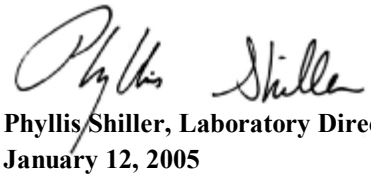
Laboratory Data

Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	7	5	ug/L	12/24/04		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	12/24/04		RM	SW8260
1,1-Dichloroethane	75	5	ug/L	12/24/04		RM	SW8260
1,1-Dichloroethene	9	5	ug/L	12/24/04		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	12/24/04		RM	SW8260
Benzene	ND	5	ug/L	12/24/04		RM	SW8260
Chlorobenzene	ND	5	ug/L	12/24/04		RM	SW8260
Chloroethane	ND	5	ug/L	12/24/04		RM	SW8260
cis-1,2-Dichloroethene	10	5	ug/L	12/24/04		RM	SW8260
Ethylbenzene	ND	5	ug/L	12/24/04		RM	SW8260
m&p-Xylene	ND	5	ug/L	12/24/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	12/24/04		RM	SW8260
o-Xylene	ND	5	ug/L	12/24/04		RM	SW8260
Tetrachloroethene	ND	5	ug/L	12/24/04		RM	SW8260
Toluene	ND	5	ug/L	12/24/04		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	12/24/04		RM	SW8260
Trichloroethene	80	5	ug/L	12/24/04		RM	SW8260
Vinyl chloride	ND	5	ug/L	12/24/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	12/24/04		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
January 12, 2005

PHOENIX

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

Analysis Report

January 12, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	STEVE GRA	12/20/04	11:35
Location Code:	EARTH-NY	Received by:	BP	12/21/04	9:27
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAG10228
Phoenix I.D.: AG10231

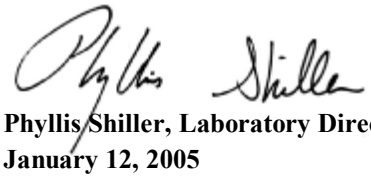
Laboratory Data

Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	480	5.0	ug/L	12/22/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	12/22/04		RM	SW8260
1,1-Dichloroethane	140	5.0	ug/L	12/22/04		RM	SW8260
1,1-Dichloroethene	56	5.0	ug/L	12/22/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	12/22/04		RM	SW8260
Benzene	ND	0.5	ug/L	12/22/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	12/22/04		RM	SW8260
Chloroethane	4.4	0.5	ug/L	12/22/04		RM	SW8260
cis-1,2-Dichloroethene	21	0.5	ug/L	12/22/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	12/22/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	12/22/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	12/22/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	12/22/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	12/22/04		RM	SW8260
Toluene	ND	0.5	ug/L	12/22/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	12/22/04		RM	SW8260
Trichloroethene	390	5.0	ug/L	12/22/04		RM	SW8260
Vinyl chloride	3.8	0.5	ug/L	12/22/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	12/22/04		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
January 12, 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

January 12, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	STEVE GRA	12/20/04	11:40
Location Code:	EARTH-NY	Received by:	BP	12/21/04	9:27
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAG10228
Phoenix I.D.: AG10232

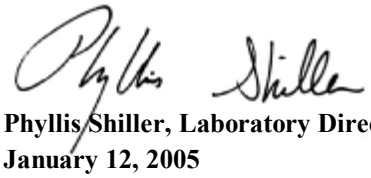
Laboratory Data

Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	9.9	0.5	ug/L	12/23/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	12/23/04		RM	SW8260
1,1-Dichloroethane	18	0.5	ug/L	12/23/04		RM	SW8260
1,1-Dichloroethene	3	0.5	ug/L	12/23/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	12/23/04		RM	SW8260
Benzene	ND	0.5	ug/L	12/23/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	12/23/04		RM	SW8260
Chloroethane	0.5	0.5	ug/L	12/23/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	12/23/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	12/23/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	12/23/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	12/23/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	12/23/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	12/23/04		RM	SW8260
Toluene	ND	0.5	ug/L	12/23/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	12/23/04		RM	SW8260
Trichloroethene	16	0.5	ug/L	12/23/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	12/23/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	100		%	12/23/04		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
January 12, 2005

PHOENIX

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

Analysis Report

January 12, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	**WATER**	**Collected by:**	**STEVE GRA**	**12/20/04**	**0:00**
Location Code:	**EARTH-NY**	**Received by:**	**BP**	**12/21/04**	**9:27**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**5584901**				

SDG I.D.: GAG10228
Phoenix I.D.: AG10233

Laboratory Data

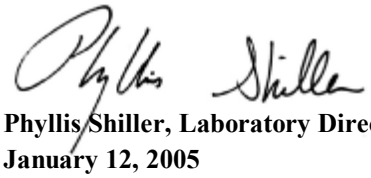
Client ID: NOW CORP TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	12/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	12/21/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	12/21/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	12/21/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	12/21/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	12/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	12/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	12/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	12/21/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	12/21/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	12/21/04		RM	SW8260

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

TRIP BLANK INC

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



Phyllis Shiller, Laboratory Director
January 12, 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

January 12, 2005

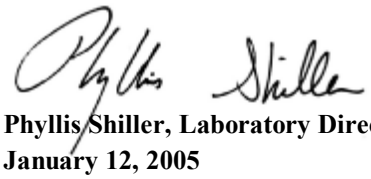
QA/QC Data

SDG I.D.: GAG10228

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG10235 (AG10228, AG10229)						
ICP Metals - Aqueous						
Aluminum	BDL	98.7	4.10	85.4	81.5	4.7
Antimony	BDL	98.0	NC	98.9	96.4	2.6
Arsenic	BDL	99.3	NC	102	99.8	2.2
Barium	BDL	105	NC	104	101	2.9
Beryllium	BDL	104	NC	104	102	1.9
Boron	BDL		BDL			
Cadmium	BDL	102	NC	102	99.4	2.6
Calcium	0.01		BDL			
Chromium	BDL	102	NC	102	100	2.0
Cobalt	BDL	104	NC	103	100	3.0
Copper	BDL	105	NC	106	104	1.9
Iron	BDL	104	7.20	103	101	2.0
Lead	BDL	104	NC	103	101	2.0
Magnesium	BDL		BDL			
Manganese	BDL	106	NC	105	102	2.9
Molybdenum	BDL		BDL			
Nickel	BDL	103	NC	102	99.1	2.9
Phosphorus	BDL		BDL			
Selenium	BDL	99.3	NC	101	99.1	1.9
Silver	BDL	100	NC	101	98.8	2.2
Thallium	BDL	101	NC	99.2	97.4	1.8
Tin	BDL		BDL			
Vanadium	BDL	102	NC	102	99.6	2.4
Zinc	BDL	100	NC	102	98.3	3.7
QA/QC Batch Sample No: AG10235 (AG10228, AG10229)						
Lead Analysis by Furnace	BDL	100.7	NC	101.7		NC
QA/QC Batch Sample No: AG11574 (AG10228, AG10229)						
Mercury	BDL	103	NR	102	102	0.0

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
January 12, 2005

PHOENIX

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

January 12, 2005

QA/QC Data

SDG I.D.: GAG10228

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AG09917 (AG10228, AG10229)				
Oil and Grease by EPA 1664	BDL	93.5	NR	NR
QA/QC Batch Sample No: AG10111 (AG10228, AG10229)				
Total Cyanide	BDL	100	110	NC
QA/QC Batch Sample No: AG10228 (AG10228, AG10229)				
Total Suspended Solids	BDL	103	NR	NC
QA/QC Batch Sample No: AG11568 (AG10228, AG10229)				
Tot. Diss. Solids	BDL	94	NR	8.7

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
January 12, 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

January 12, 2005

QA/QC Data

SDG I.D.: GAG10228

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG10052 (AG10228, AG10230, AG10231, AG10233)					
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	101			
1,1,1-Trichloroethane	ND	109			
1,1,2,2-Tetrachloroethane	ND	118			
1,1,2-Trichloroethane	ND	100			
1,1-Dichloroethane	ND	128			
1,1-Dichloroethene	ND	126	102	106	3.8
1,1-Dichloropropene	ND	106			
1,2,3-Trichlorobenzene	ND	100			
1,2,3-Trichloropropane	ND	113			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	99			
1,2,4-Trimethylbenzene	ND	104			
1,2-Dibromo-3-chloropropane	ND	101			
1,2-Dichlorobenzene	ND	110			
1,2-Dichloroethane	ND	100			
1,2-Dichloropropane	ND	116			
1,3,5-Trimethylbenzene	ND	101			
1,3-Dichlorobenzene	ND	106			
1,3-Dichloropropane	ND	105			
1,4-Dichlorobenzene	ND	105			
2,2-Dichloropropane	ND	93			
2-Chlorotoluene	ND	106			
4-Chlorotoluene	ND	111			
Benzene	ND	110	110	113	2.7
Bromobenzene	ND	105			
Bromochloromethane	ND	115			
Bromodichloromethane	ND	103			
Bromoform	ND	94			
Bromomethane	ND				
Carbon Tetrachloride	ND	89			
Chlorobenzene	ND	101	104	109	4.7
Chloroethane	ND				

QA/QC Data

SDG I.D.: GAG10228

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	118			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	121			
cis-1,3-Dichloropropene	ND	99			
Dibromochloromethane	ND	106			
Dibromoethane	ND	92			
Dibromomethane	ND	99			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	97			
Hexachlorobutadiene	ND	102			
Isopropylbenzene	ND	116			
m&p-Xylene	ND	103			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	131			
n-Butylbenzene	ND	109			
n-Propylbenzene	ND	109			
Naphthalene	ND	107			
o-Xylene	ND	102			
p-Isopropyltoluene	ND	111			
sec-Butylbenzene	ND	100			
Styrene	ND	106			
tert-Butylbenzene	ND	107			
Tetrachloroethene	ND	102			
Toluene	ND	103	99	105	5.9
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	119			
trans-1,3-Dichloropropene	ND	91			
Trichloroethene	ND	102	107	105	1.9
Trichlorofluoromethane	ND	121			
Vinyl Chloride	ND				
% Bromofluorobenzene	94	102	94	94	0.0

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

QA/QC Batch Sample No: AG11211 (AG10229, AG10231)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	81			
1,1,1-Trichloroethane	ND	93			
1,1,2,2-Tetrachloroethane	ND	110			
1,1,2-Trichloroethane	ND	95			
1,1-Dichloroethane	ND	117			
1,1-Dichloroethene	ND		102	94	8.2
1,1-Dichloropropene	ND	106			

QA/QC Data

SDG I.D.: GAG10228

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	92			
1,2,3-Trichloropropane	ND	101			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	91			
1,2,4-Trimethylbenzene	ND	100			
1,2-Dibromo-3-chloropropane	ND	78			
1,2-Dichlorobenzene	ND	103			
1,2-Dichloroethane	ND	101			
1,2-Dichloropropane	ND	115			
1,3,5-Trimethylbenzene	ND	101			
1,3-Dichlorobenzene	ND	104			
1,3-Dichloropropane	ND	103			
1,4-Dichlorobenzene	ND	102			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	103			
4-Chlorotoluene	ND	104			
Benzene	ND	112	110	104	5.6
Bromobenzene	ND	99			
Bromochloromethane	ND	97			
Bromodichloromethane	ND	90			
Bromoform	ND	73			
Bromomethane	ND	76			
Carbon Tetrachloride	ND				
Chlorobenzene	ND	99	105	101	3.9
Chloroethane	ND				
Chloroform	ND	108			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	114			
cis-1,3-Dichloropropene	ND	78			
Dibromochloromethane	ND	89			
Dibromoethane	ND				
Dibromomethane	ND	92			
Dichlorodifluoromethane	ND	126			
Ethylbenzene	ND	103			
Hexachlorobutadiene	ND	102			
Isopropylbenzene	ND	110			
m&p-Xylene	ND	106			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	114			
n-Butylbenzene	ND	114			
n-Propylbenzene	ND	102			
Naphthalene	ND	94			

QA/QC Data

SDG I.D.: GAG10228

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	107			
p-Isopropyltoluene	ND	107			
sec-Butylbenzene	ND	99			
Styrene	ND	106			
tert-Butylbenzene	ND	104			
Tetrachloroethene	ND	107			
Toluene	ND	101	107	100	6.8
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	111			
trans-1,3-Dichloropropene	ND				
Trichloroethene	ND	99	97	89	8.6
Trichlorofluoromethane	ND	99			
Vinyl Chloride	ND	111			
% Bromofluorobenzene	96	104	94	93	1.1

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

QA/QC Batch Sample No: AG11626 (AG10230, AG10232)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	101			
1,1,1-Trichloroethane	ND	104			
1,1,2,2-Tetrachloroethane	ND	108			
1,1,2-Trichloroethane	ND	102			
1,1-Dichloroethane	ND	112			
1,1-Dichloroethene	ND	110	93	93	0.0
1,1-Dichloropropene	ND	98			
1,2,3-Trichlorobenzene	ND	99			
1,2,3-Trichloropropane	ND	102			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	99			
1,2,4-Trimethylbenzene	ND	96			
1,2-Dibromo-3-chloropropane	ND	103			
1,2-Dichlorobenzene	ND	102			
1,2-Dichloroethane	ND	103			
1,2-Dichloropropane	ND	104			
1,3,5-Trimethylbenzene	ND	97			
1,3-Dichlorobenzene	ND	102			
1,3-Dichloropropane	ND	107			
1,4-Dichlorobenzene	ND	97			
2,2-Dichloropropane	ND	79			
2-Chlorotoluene	ND	100			
4-Chlorotoluene	ND	100			
Benzene	ND	105	103	103	0.0

QA/QC Data

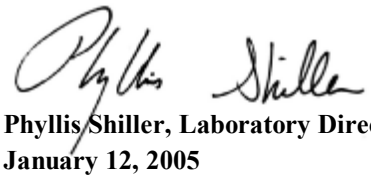
SDG I.D.: GAG10228

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Bromobenzene	ND	99			
Bromochloromethane	ND	106			
Bromodichloromethane	ND	104			
Bromoform	ND	98			
Bromomethane	ND				
Carbon Tetrachloride	ND	88			
Chlorobenzene	ND	97	100	103	3.0
Chloroethane	ND	211			
Chloroform	ND	109			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	111			
cis-1,3-Dichloropropene	ND	99			
Dibromochloromethane	ND	108			
Dibromoethane	ND	97			
Dibromomethane	ND	99			
Dichlorodifluoromethane	ND	129			
Ethylbenzene	ND	97			
Hexachlorobutadiene	ND	105			
Isopropylbenzene	ND	103			
m&p-Xylene	ND	100			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	114			
n-Butylbenzene	ND	106			
n-Propylbenzene	ND	100			
Naphthalene	ND	106			
o-Xylene	ND	102			
p-Isopropyltoluene	ND	103			
sec-Butylbenzene	ND	93			
Styrene	ND	109			
tert-Butylbenzene	ND	98			
Tetrachloroethene	ND	102			
Toluene	ND	99	102	103	1.0
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	106			
trans-1,3-Dichloropropene	ND	93			
Trichloroethene	ND	95	93	90	3.3
Trichlorofluoromethane	ND	115			
Vinyl Chloride	ND	111			
% Bromofluorobenzene	95	105	94	96	2.1

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

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

MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
RPD - Relative Percent Difference
LCS - Laboratory Control Sample



Phyllis Shiller, Laboratory Director
January 12, 2005

INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT

Air TECHNOLOGY
Laboratories, Inc.

12/30/2004

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

Project Reference: NOW Corp., 55849.01
Lab Number: A4122105-01/06

Enclosed are results for sample(s) received 12/21/04 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 12/30/04.

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

Client's Project: NOW CORP., 55849.01
Date Received: 12/21/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:		A4122105-01		A4122105-02		A4122105-03		A4122105-04		A4122105-05	
Client Sample I.D.:		TW - 1VE 12/04		TW - 2AVE 12/04		ST - 1 12/04		PAS 12/04		SVE - EXH 12/04	
Date Sampled:		12/20/04		12/20/04		12/20/04		12/20/04		12/20/04	
Date Analyzed:		12/23/04		12/23/04		12/22/04		12/22/04		12/22/04	
QC Batch No:		041223MS2A1		041223MS2A1		041222MS2A1		041222MS2A1		041222MS2A1	
Analyst Initials:		JM		JM		JM		JM		JM	
Dilution Factor:		1.4		1.4		2.0		2.0		1.0	
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	3.7	1.4	3.8	1.4	3.8	2.0	ND	2.0	ND	1.0
Chloroethane	1.0	2.9	1.4	3.0	1.4	ND	2.0	ND	2.0	ND	1.0
1,1-Dichloroethene	1.0	39	1.4	40	1.4	40	2.0	13	2.0	ND	1.0
1,1-Dichloroethane	1.0	71	1.4	76	1.4	86	2.0	130	2.0	2.2	1.0
c-1,2-Dichloroethene	1.0	10	1.4	11	1.4	13	2.0	12	2.0	ND	1.0
1,1,1-Trichloroethane	1.0	51	1.4	54	1.4	61	2.0	390	8.0	1.8	1.0
Benzene	1.0	ND	1.4	ND	1.4	ND	2.0	ND	2.0	ND	1.0
1,2-Dichloroethane	1.0	ND	1.4	ND	1.4	ND	2.0	ND	2.0	ND	1.0
Trichloroethene	1.0	250	1.4	260	1.4	290	2.0	240	2.0	ND	1.0
Toluene	1.0	5.3	1.4	7.2	1.4	6.4	2.0	5.5	2.0	5.9	1.0
1,1,2-Trichloroethane	1.0	ND	1.4	ND	1.4	ND	2.0	ND	2.0	ND	1.0
Tetrachloroethene	1.0	ND	1.4	ND	1.4	9.8	2.0	ND	2.0	ND	1.0
Chlorobenzene	1.0	ND	1.4	ND	1.4	ND	2.0	ND	2.0	ND	1.0
Ethylbenzene	1.0	ND	1.4	ND	1.4	2.5	2.0	ND	2.0	ND	1.0
p,&m-Xylene	1.0	ND	1.4	ND	1.4	15	2.0	3.3	2.0	ND	1.0
o-Xylene	1.0	ND	1.4	ND	1.4	5.4	2.0	ND	2.0	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 12-30-04

The cover letter is an integral part of this analytical report

Client: EarthTech
Attn: Steve Choiniere

Client's Project: NOW CORP., 55849.01
Date Received: 12/21/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:	A4122105-06
Client Sample I.D.:	ST - 4 12/04
Date Sampled:	12/20/04
Date Analyzed:	12/22/04
QC Batch No:	041222MS2A1
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	2.3	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	6.0	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: _____ Date 12-30-04
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 041222MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	12/22/04		12/22/04		12/22/04						
Data File ID:	22DEC007.D		22DEC005.D		22DEC006.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	10.8	108	10.7	107	0.5	70	130	30	Pass
Methylene Chloride	0.0	10.0	10.9	109	10.6	106	3.1	70	130	30	Pass
Trichloroethene	0.0	10.0	10.7	107	10.8	108	0.5	70	130	30	Pass
Toluene	0.0	10.0	10.0	100	9.8	98	2.0	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	10.2	102	10.3	103	0.8	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____ **Date:** 12-30-04

Mark Johnson
Operations Manager

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LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 041223MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	12/23/04		12/23/04		12/23/04						
Data File ID:	23DEC006.D		23DEC004.D		23DEC005.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	10.5	105	10.2	102	3.2	70	130	30	Pass
Methylene Chloride	0.0	10.0	10.7	107	10.3	103	4.0	70	130	30	Pass
Trichloroethene	0.0	10.0	10.3	103	10.2	102	1.5	70	130	30	Pass
Toluene	0.0	10.0	9.7	97	9.7	97	0.7	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	10.3	103	10.2	102	1.1	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____ Date: 12-30-04

Mark Johnson
Operations Manager

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A412105

Chain of Custody Record

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

Custody Seal #	Rust E&I Cooler #

Project Number	Project Name/Client
55849.01	Now Corp

Sample Custodian: (Signature) Steve Gray

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: Volatile Organics (ANALYTE List PER 2/12/98 Bid Form)	Matrix: Sample Type: Air	Sample Container: Tedlar Bags	
1	TW - 1UE 12/04	12/2/04	11:55	N/A	N/A			X	X	2	-01
2	TW - 2AVE 12/04		12:00								-02
3	ST-1 12/04		12:05								-03
4	PAS 12/04		12:10								-04
5	SVE-EXH 12/04		11:50								-05
6	ST-4 12/04		11:45								-06
7											
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18											

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time
Steve Gray	12/2/04 12:20				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time

Send Lab Results To: Steve Choiniere
Earth Tech
40 British American Blvd.
Latham N.Y. 12110

Remarks: 10 Bus Days TAT:
Send enough bags pack with cooler for next samp c/o Roger Gray
Federal Express Airbill No.: 8455 2380 8645

Check Delivery Method:
- ☐ Samples delivered in person
- ☒ Common carrier

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

Rev. 10/98 White Copy - Lab Yellow Copy - File Pink Copy - Client F514/Earth.Sci