Operation, Maintenance and Monitoring Report
November 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

January 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 – "November" 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 40-day period (**October 28 – December 7, 2004**).

Except for a three-day interval, the P&T and SVE systems were online and operational throughout the reporting period. Additionally, the pump in recovery well TW-3 was out of service for approximately four days (details below). Nevertheless, approximately 678,700 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 17,000 gallons per day (gpd). During the prior reporting period, the average discharge was 22,600 gpd.

As of the last day of the reporting period, a total of 42,426,000 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 November 22, 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:

November 9th – Routine bi-weekly system inspection and monitoring well water-level measurements. Technicians changed oil in the vapor blower motor, oiled the heat exchanger fans, cleaned the effluent pump, cleaned a flow-regulating valve on the discharge line for the pump in

TW-3, and greased the air stripper motor.

While conducting routine daily remote monitoring of system performance on November 2, I noticed a high water level in recovery well TW-3. The datalogger revealed that the pump had switched off due to a thermal overload at 4 am that day. Attempts to remotely start the pump were ineffective (because the overload had tripped a breaker).

While remotely monitoring the system on Monday, November 8, I noticed high water levels in all three recovery wells. The datalogger revealed that a high-water-level in the third settling tank had initiated an alarm condition that resulted in complete system shutdown on Saturday afternoon. I remotely restarted the effluent pump and allowed it to operate long enough to clear the alarm condition. I then initiated the autostart routine, and left the system running in auto mode. The actions taken by our technicians on November 9, summarized two paragraphs above, restored the system and all recovery wells to full operational status.

November 22nd – Routine bi-weekly system inspection, monthly sampling, and monitoring well water-level measurements.

December 7th - Routine bi-weekly system inspection and monitoring well water-level measurements. Techs greased air-stripper blower motor, and adjusted discharge rates on two submersible pumps.

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: November 22, 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		16,968				Monitor	gpd
pH	6.6	7.6	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	**290**	**280**	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	**0.819**	**0.816**	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	**0.082**	**0.084**	NA	NA	NA	2	mg/L
Chromium	<0.001	<0.001	NA	NA	NA	0.1	mg/L
Copper	**0.016**	**0.002**	NA	NA	NA	0.024	mg/L
Iron	**0.062**	**0.019**	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	**0.137**	**0.096**	NA	NA	NA	0.6	mg/L
Nickel	**0.002**	**0.002**	NA	NA	NA	0.2	mg/L
Zinc	**0.004**	**0.003**	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	**560**	<0.5	**6.0**	**1700**	**48**	5	ug/L
1,1,2-Trichloroethane	<25	<0.5	<2.5	<10	<0.5	1.2	ug/L
1,1-Dichloroethane	**150**	<0.5	**94**	**300**	**28**	5	ug/L
1,1-Dichloroethene	**25**	<0.5	**9.5**	**36**	**2.9**	0.5	ug/L
1,2-Dichloroethane	<25	<0.5	<2.5	<10	<0.5	1.6	ug/L
Benzene	<25	<0.5	<2.5	<10	<0.5	0.8	ug/L
Chlorobenzene	<25	<0.5	<2.5	<10	<0.5	5	ug/L
Chloroethane	<25	<0.5	<2.5	<10	**0.6**	5	ug/L
cis-1,2-Dichloroethene	<25	<0.5	<2.5	**18**	<0.5	5	ug/L
Ethylbenzene	<25	<0.5	<2.5	<10	<0.5	5	ug/L
Methyl tert-butyl ether	<100	<2	<10	<40	<2	5	ug/L
o-Xylene	<25	<0.5	<2.5	<10	<0.5	5	ug/L
p&m-Xylene	<25	<0.5	<2.5	<10	<0.5	10	ug/L
Tetrachloroethene	<25	<0.5	<2.5	<10	<0.5	1.4	ug/L
Toluene	<25	<0.5	<2.5	<10	<0.5	5	ug/L
trans-1,2-Dichloroethene	<25	<0.5	<2.5	<10	<0.5	5	ug/L
Trichloroethene	**180**	<0.5	**40**	**550**	**13**	5	ug/L
Vinyl Chloride	<25	<0.5	<2.5	<10	<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 "November" 2004 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		12/7/2004	Units
TW-1			
	Pumping Rate	5	GPM
	Water Level Above Transducer	27.18	feet
	Flow Meter Reading	2,023,100	gallons
	Pump Pressure	72	psi
TW-2A			
	Pumping Rate	13	GPM
	Water Level Above Transducer	51.38	feet
	Flow Meter Reading	7,664,100	gallons
	Pump Pressure	30	psi
TW-3			
	Pumping Rate	5	GPM
	Water Level Above Transducer	27.55	feet
	Flow Meter Reading	67,500	gallons
	Pump Pressure	64	psi
Air Stripper			
	Stripper Blower Pressure	19	inches H_2O
	Air Temperature in Stripper	46	°F
	Pressure Gauge - Left Leg	0.8	inches H_2O
	Pressure Gauge - Right Leg	0.5	inches H_2O
	Pressure/Vacuum on the Stripper	0	inches H_2O
Effluent Flow			
	Total System Meter Reading	42,426,000	gallons
	IW-1 Flow Meter Reading	28,233	gallons
	IW-2 Flow Meter Reading	22,637	gallons
Vapor Extraction System			
	Vapor Blower Vacuum	10	inches Hg
	Vacuum before Filter with Dilution Air	10	inches Hg
	Vacuum on Knock-out Pot	13.5	inches Hg
	Blower Inlet Temperature	64	°F
	Blower Outlet Temperature	208	°F
	Pressure After Blower	32	psi
	Heat Exchanger Outlet Temperature	64	°F

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

Table 3
November 2004 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	11/22/2004 Depth to Water (Ft below MP)	11/22/2004 GW Elevation
MW-1	289.50	17.68	271.82
MW-2	332.51	40.94	291.57
MW-3	312.83	32.35	280.48
MW-3S	312.51	26.79	285.72
MW-4	298.29	25.79	272.50
MW-4D	298.16	24.68	273.48
MW-5	285.48	19.70	265.78
MW-6S	287.90	23.73	264.17
MW-6D	287.25	15.18	272.07
MW-7S	292.12	31.83	260.29
MW-7D	292.54	74.94	217.60
OW-1	307.75	60.35	247.40
OW-2	305.96	72.64	233.32
OW-6	294.81	6.73	288.08
IW-1	312.46	35.25	277.21
IW-2	306.56	45.38	261.18
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: November 22, 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	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	**1.5**	1.0
Chloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	ND	1.0
1,1-Dichloroethene	**3.2**	1.0	NS	NA	NS	NA	**3.1**	1.0	**2.5**	1.0	**23.0**	3.0	**1.1**	1.0	**1.9**	1.0
1,1-Dichloroethane	**13.0**	1.0	NS	NA	NS	NA	**12.0**	1.0	**11.0**	1.0	**250.0**	3.0	**3.4**	1.0	**6.4**	1.0
cis-1,2-Dichloroethene	**6.3**	1.0	NS	NA	NS	NA	**7.0**	1.0	**6.6**	1.0	**10.0**	3.0	**1.2**	1.0	ND	1.0
1,1,1-Trichloroethane	**24.0**	1.0	NS	NA	NS	NA	**23.0**	1.0	**20.0**	1.0	**940 D**	8.0	**1.9**	1.0	ND	1.0
Benzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	ND	1.0
Trichloroethene	**180**	1.0	NS	NA	NS	NA	**190**	1.0	**170**	2.0	**400.0**	3.0	ND	1.0	ND	1.0
Toluene	**4.6**	1.0	NS	NA	NS	NA	**2.8**	1.0	**4.3**	1.0	**5.8**	3.0	**4.2**	1.0	**3.2**	1.0
1,1,2-Trichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	ND	1.0
Tetrachloroethene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	ND	1.0
Chlorobenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	ND	1.0
Ethylbenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	ND	1.0	ND	1.0
p&m -Xylene	ND	1.0	NS	NA	NS	NA	ND	1.0	**1.0**	1.0	**5.0**	3.0	ND	1.0	ND	1.0
o-Xylene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	3.0	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

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

December 16, 2004

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

Sample Information		Custody Information		Date	Time
Matrix:	**WATER**	**Collected by:**	**SG**	**11/22/04**	**11:50**
Location Code:	**EARTH-NY**	**Received by:**	**SW**	**11/23/04**	**10:30**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**55849.01**				

SDG I.D.: GAG04136
Phoenix I.D.: AG04136

Laboratory Data

Client ID: NOW CORP EFFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.816	0.01	mg/L	11/30/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	11/30/04		EK	200.7/6010
Barium	0.084	0.002	mg/L	11/30/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	11/30/04		EK	200.7/6010
Copper	0.002	0.001	mg/L	11/30/04		EK	6010/E200.7
Iron	0.019	0.002	mg/L	11/30/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	11/24/04		RS	7470/E245.1
Manganese	0.096	0.001	mg/L	11/30/04		EK	200.7/6010
Nickel	0.002	0.001	mg/L	11/30/04		EK	200.7/6010
Zinc	0.003	0.002	mg/L	11/30/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	12/02/04		GAD	EPA 1664
Total Cyanide	BDL	0.01	mg/L	12/02/04		P/M	9010/335.3
Tot. Diss. Solids	280	10	mg/L	11/24/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	11/24/04		CF	SM2540D
Mercury Digestion	Completed			11/24/04		Y	E245.1
Total Metals Digestion	Completed			11/23/04		AG	
Volatiles							
1,1,1-Trichloroethane	ND	0.5	ug/L	12/11/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	12/11/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	12/11/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	12/11/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	12/11/04		RM	SW8260
Benzene	ND	0.5	ug/L	12/11/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	12/11/04		RM	SW8260

Client ID: NOW CORP EFFLUENT **Phoenix I.D.: AG04136**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	12/11/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	12/11/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	12/11/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	12/11/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	12/11/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	12/11/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	12/11/04		RM	SW8260
Toluene	ND	0.5	ug/L	12/11/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	12/11/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	12/11/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	12/11/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	110		%	12/11/04		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
December 16, 2004

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

Analysis Report

December 16, 2004

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

Sample Information		Custody Information		Date	Time
Matrix:	**WATER**	**Collected by:**	**SG**	**11/22/04**	**11:50**
Location Code:	**EARTH-NY**	**Received by:**	**SW**	**11/23/04**	**10:30**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**55849.01**				

SDG I.D.: GAG04136
Phoenix I.D.: AG04137

Laboratory Data

Client ID: NOW CORP INFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.819	0.01	mg/L	11/30/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	11/30/04		EK	200.7/6010
Barium	0.082	0.002	mg/L	11/30/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	11/30/04		EK	200.7/6010
Copper	0.016	0.001	mg/L	11/30/04		EK	6010/E200.7
Iron	0.062	0.002	mg/L	11/30/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	11/24/04		RS	7470/E245.1
Manganese	0.137	0.001	mg/L	11/30/04		EK	200.7/6010
Nickel	0.002	0.001	mg/L	11/30/04		EK	200.7/6010
Zinc	0.004	0.002	mg/L	11/30/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	12/02/04		GAD	EPA 1664
Total Cyanide	BDL	0.01	mg/L	12/02/04		P/M	9010/335.3
Tot. Diss. Solids	290	10	mg/L	11/24/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	11/24/04		CF	SM2540D
Mercury Digestion	Completed			11/24/04		Y	E245.1
Total Metals Digestion	Completed			11/23/04		AG	
Volatiles							
1,1,1-Trichloroethane	560	25	ug/L	12/11/04		RM	SW8260
1,1,2-Trichloroethane	ND	25	ug/L	12/11/04		RM	SW8260
1,1-Dichloroethane	150	25	ug/L	12/11/04		RM	SW8260
1,1-Dichloroethene	25	25	ug/L	12/11/04		RM	SW8260
1,2-Dichloroethane	ND	25	ug/L	12/11/04		RM	SW8260
Benzene	ND	25	ug/L	12/11/04		RM	SW8260
Chlorobenzene	ND	25	ug/L	12/11/04		RM	SW8260

Client ID: NOW CORP INFLUENT **Phoenix I.D.: AG04137**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	25	ug/L	12/11/04		RM	SW8260
cis-1,2-Dichloroethene	ND	25	ug/L	12/11/04		RM	SW8260
Ethylbenzene	ND	25	ug/L	12/11/04		RM	SW8260
m&p-Xylene	ND	25	ug/L	12/11/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	100	ug/L	12/11/04		RM	SW8260
o-Xylene	ND	25	ug/L	12/11/04		RM	SW8260
Tetrachloroethene	ND	25	ug/L	12/11/04		RM	SW8260
Toluene	ND	25	ug/L	12/11/04		RM	SW8260
trans-1,2-Dichloroethene	ND	25	ug/L	12/11/04		RM	SW8260
Trichloroethene	180	25	ug/L	12/11/04		RM	SW8260
Vinyl chloride	ND	25	ug/L	12/11/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	110		%	12/11/04		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
December 16, 2004

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

Analysis Report

December 16, 2004

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	11/22/04	12:25
Location Code:	EARTH-NY	Received by:	SW	11/23/04	10:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	55849.01				

SDG I.D.: GAG04136
Phoenix I.D.: AG04138

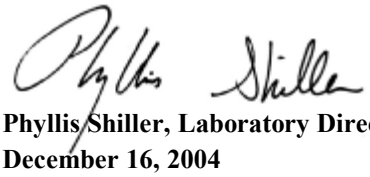
Laboratory Data

Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	6	2.5	ug/L	12/10/04		RM	SW8260
1,1,2-Trichloroethane	ND	2.5	ug/L	12/10/04		RM	SW8260
1,1-Dichloroethane	94	2.5	ug/L	12/10/04		RM	SW8260
1,1-Dichloroethene	9.5	2.5	ug/L	12/10/04		RM	SW8260
1,2-Dichloroethane	ND	2.5	ug/L	12/10/04		RM	SW8260
Benzene	ND	2.5	ug/L	12/10/04		RM	SW8260
Chlorobenzene	ND	2.5	ug/L	12/10/04		RM	SW8260
Chloroethane	ND	2.5	ug/L	12/10/04		RM	SW8260
cis-1,2-Dichloroethene	ND	2.5	ug/L	12/10/04		RM	SW8260
Ethylbenzene	ND	2.5	ug/L	12/10/04		RM	SW8260
m&p-Xylene	ND	2.5	ug/L	12/10/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	12/10/04		RM	SW8260
o-Xylene	ND	2.5	ug/L	12/10/04		RM	SW8260
Tetrachloroethene	ND	2.5	ug/L	12/10/04		RM	SW8260
Toluene	ND	2.5	ug/L	12/10/04		RM	SW8260
trans-1,2-Dichloroethene	ND	2.5	ug/L	12/10/04		RM	SW8260
Trichloroethene	40	2.5	ug/L	12/10/04		RM	SW8260
Vinyl chloride	ND	2.5	ug/L	12/10/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	12/10/04		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
December 16, 2004

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

Analysis Report

December 16, 2004

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	11/22/04	12:30
Location Code:	EARTH-NY	Received by:	SW	11/23/04	10:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	55849.01				

SDG I.D.: GAG04136
Phoenix I.D.: AG04139

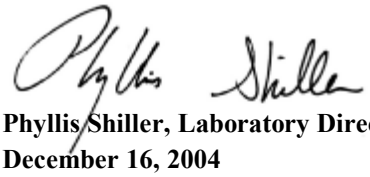
Laboratory Data

Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	1700	10	ug/L	12/10/04		RM	SW8260
1,1,2-Trichloroethane	ND	10	ug/L	12/10/04		RM	SW8260
1,1-Dichloroethane	300	10	ug/L	12/10/04		RM	SW8260
1,1-Dichloroethene	36	10	ug/L	12/10/04		RM	SW8260
1,2-Dichloroethane	ND	10	ug/L	12/10/04		RM	SW8260
Benzene	ND	10	ug/L	12/10/04		RM	SW8260
Chlorobenzene	ND	10	ug/L	12/10/04		RM	SW8260
Chloroethane	ND	10	ug/L	12/10/04		RM	SW8260
cis-1,2-Dichloroethene	18	10	ug/L	12/10/04		RM	SW8260
Ethylbenzene	ND	10	ug/L	12/10/04		RM	SW8260
m&p-Xylene	ND	10	ug/L	12/10/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	40	ug/L	12/10/04		RM	SW8260
o-Xylene	ND	10	ug/L	12/10/04		RM	SW8260
Tetrachloroethene	ND	10	ug/L	12/10/04		RM	SW8260
Toluene	ND	10	ug/L	12/10/04		RM	SW8260
trans-1,2-Dichloroethene	ND	10	ug/L	12/10/04		RM	SW8260
Trichloroethene	550	10	ug/L	12/10/04		RM	SW8260
Vinyl chloride	ND	10	ug/L	12/10/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	80		%	12/10/04		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
December 16, 2004

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

Analysis Report

December 16, 2004

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	11/22/04	12:35
Location Code:	EARTH-NY	Received by:	SW	11/23/04	10:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	55849.01				

SDG I.D.: GAG04136
Phoenix I.D.: AG04140

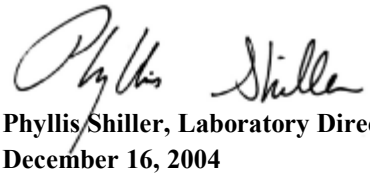
Laboratory Data

Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	48	0.5	ug/L	12/10/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	12/10/04		RM	SW8260
1,1-Dichloroethane	28	0.5	ug/L	12/10/04		RM	SW8260
1,1-Dichloroethene	2.9	0.5	ug/L	12/10/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	12/10/04		RM	SW8260
Benzene	ND	0.5	ug/L	12/10/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	12/10/04		RM	SW8260
Chloroethane	0.6	0.5	ug/L	12/10/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	12/10/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	12/10/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	12/10/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	12/10/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	12/10/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	12/10/04		RM	SW8260
Toluene	ND	0.5	ug/L	12/10/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	12/10/04		RM	SW8260
Trichloroethene	13	0.5	ug/L	12/10/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	12/10/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	12/10/04		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
December 16, 2004

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

Analysis Report

December 16, 2004

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

Sample Information		Custody Information		Date	Time
Matrix:	**WATER**	**Collected by:**	**SG**	**11/22/04**	**0:00**
Location Code:	**EARTH-NY**	**Received by:**	**SW**	**11/23/04**	**10:30**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**55849.01**				

SDG I.D.: GAG04136
Phoenix I.D.: AG04141

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	11/23/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	11/23/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	11/23/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	11/23/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	11/23/04		RM	SW8260
Benzene	ND	0.5	ug/L	11/23/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	11/23/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	11/23/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	11/23/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	11/23/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	11/23/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	11/23/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	11/23/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	11/23/04		RM	SW8260
Toluene	ND	0.5	ug/L	11/23/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	11/23/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	11/23/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	11/23/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	100		%	11/23/04		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.

Phyllis Shiller, Laboratory Director
December 16, 2004

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

December 16, 2004

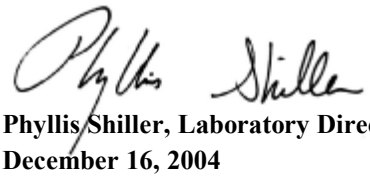
QA/QC Data

SDG I.D.: GAG04136

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG04236 (AG04136, AG04137)						
ICP Metals - Aqueous						
Aluminum	BDL	95.5	NC	97.8	96.8	1.0
Antimony	BDL	95.4	NC	95.8	96.1	0.3
Arsenic	BDL	96.8	NC	97.5	96.9	0.6
Barium	BDL	100	NC	100	99.3	0.7
Beryllium	BDL	98.6	NC	99.8	98.4	1.4
Boron	BDL		BDL			
Cadmium	BDL	98.0	NC	97.6	96.4	1.2
Calcium	BDL		BDL			
Chromium	BDL	97.0	NC	98.0	97.4	0.6
Cobalt	BDL	101	NC	101	100	1.0
Copper	BDL	101	NC	102	102	0.0
Iron	BDL	99.8	NC	98.7	98.0	0.7
Lead	BDL	100	NC	99.9	99.1	0.8
Magnesium	BDL		BDL			
Manganese	BDL	99.9	NC	99.7	99.3	0.4
Molybdenum	BDL		BDL			
Nickel	BDL	99.1	NC	99.3	98.3	1.0
Phosphorus	BDL		BDL			
Selenium	BDL	98.5	NC	98.1	96.7	1.4
Silver	BDL	97.6	NC	98.2	97.8	0.4
Thallium	BDL	97.2	NC	97.0	96.6	0.4
Tin	BDL		BDL			
Vanadium	BDL	99.1	NC	99.9	98.9	1.0
Zinc	BDL	95.2	NC	95.3	95.1	0.2
QA/QC Batch Sample No: AG04236 (AG04136, AG04137)						
Lead Analysis by Furnace	BDL	105	NC	96		NC
QA/QC Batch Sample No: AG04365 (AG04136, AG04137)						
Mercury	BDL	100	NR	90	87	3.4

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
December 16, 2004

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

December 16, 2004

QA/QC Data

SDG I.D.: GAG04136

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AG03516 (AG04136, AG04137)				
Oil and Grease by EPA 1664	BDL	95.5		NR
QA/QC Batch Sample No: AG04136 (AG04136, AG04137)				
Total Suspended Solids	BDL	89	NR	NC
QA/QC Batch Sample No: AG04397 (AG04136, AG04137)				
Tot. Diss. Solids	BDL	91	NR	NC
QA/QC Batch Sample No: AG04397 (AG04136, AG04137)				
Total Cyanide	BDL	105.4	101	NC
QA/QC Batch Sample No: AG04397 (AG04136, AG04137)				
Total Suspended Solids	BDL	98	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
December 16, 2004

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

December 16, 2004

QA/QC Data

SDG I.D.: GAG04136

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG04141 (AG04141)					
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	118			
1,1,1-Trichloroethane	ND	114			
1,1,2,2-Tetrachloroethane	ND	104			
1,1,2-Trichloroethane	ND	91			
1,1-Dichloroethane	ND	95			
1,1-Dichloroethene	ND	92	88	77	13.3
1,1-Dichloropropene	ND	101			
1,2,3-Trichlorobenzene	ND	101			
1,2,3-Trichloropropane	ND	105			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	106			
1,2,4-Trimethylbenzene	ND	113			
1,2-Dibromo-3-chloropropane	ND	111			
1,2-Dichlorobenzene	ND	106			
1,2-Dichloroethane	ND	127			
1,2-Dichloropropane	ND	81			
1,3,5-Trimethylbenzene	ND	112			
1,3-Dichlorobenzene	ND	105			
1,3-Dichloropropane	ND	102			
1,4-Dichlorobenzene	ND	105			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	99			
4-Chlorotoluene	ND	104			
Benzene	ND	103	87	102	15.9
Bromobenzene	ND	103			
Bromochloromethane	ND	95			
Bromodichloromethane	ND	116			
Bromoform	ND	127			
Bromomethane	ND				
Carbon Tetrachloride	ND				
Chlorobenzene	ND	104	87	114	26.9
Chloroethane	ND	98			

QA/QC Data

SDG I.D.: GAG04136

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	103			
Chloromethane	ND	73			
cis-1,2-Dichloroethene	ND	96			
cis-1,3-Dichloropropene	ND	106			
Dibromochloromethane	ND				
Dibromoethane	ND	100			
Dibromomethane	ND	101			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	111			
Hexachlorobutadiene	ND	105			
Isopropylbenzene	ND	110			
m&p-Xylene	ND	115			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	80			
n-Butylbenzene	ND	109			
n-Propylbenzene	ND	99			
Naphthalene	ND	112			
o-Xylene	ND	116			
p-Isopropyltoluene	ND	113			
sec-Butylbenzene	ND	99			
Styrene	ND	112			
tert-Butylbenzene	ND	108			
Tetrachloroethene	ND	110			
Toluene	ND	95	96	112	15.4
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	88			
trans-1,3-Dichloropropene	ND	118			
Trichloroethene	ND	100	89	103	14.6
Trichlorofluoromethane	ND	129			
Vinyl Chloride	ND	97			
% Bromofluorobenzene	100	112	107	102	4.8

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

QA/QC Batch Sample No: AG07806 (AG04138, AG04139, AG04140)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	109			
1,1,1-Trichloroethane	ND	124			
1,1,2,2-Tetrachloroethane	ND				
1,1,2-Trichloroethane	ND	110			
1,1-Dichloroethane	ND	108			
1,1-Dichloroethene	ND	114	100	106	5.8
1,1-Dichloropropene	ND	104			

QA/QC Data

SDG I.D.: GAG04136

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	113			
1,2,3-Trichloropropane	ND	114			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	112			
1,2,4-Trimethylbenzene	ND	113			
1,2-Dibromo-3-chloropropane	ND	113			
1,2-Dichlorobenzene	ND	116			
1,2-Dichloroethane	ND				
1,2-Dichloropropane	ND	118			
1,3,5-Trimethylbenzene	ND	109			
1,3-Dichlorobenzene	ND	116			
1,3-Dichloropropane	ND	119			
1,4-Dichlorobenzene	ND	114			
2,2-Dichloropropane	ND	104			
2-Chlorotoluene	ND	102			
4-Chlorotoluene	ND	103			
Benzene	ND	115	110	109	0.9
Bromobenzene	ND	111			
Bromochloromethane	ND	105			
Bromodichloromethane	ND	127			
Bromoform	ND	119			
Bromomethane	ND				
Carbon Tetrachloride	ND	111			
Chlorobenzene	ND	105	103	105	1.9
Chloroethane	ND				
Chloroform	ND	130			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	118			
cis-1,3-Dichloropropene	ND	118			
Dibromochloromethane	ND	109			
Dibromoethane	ND	106			
Dibromomethane	ND	108			
Dichlorodifluoromethane	ND	123			
Ethylbenzene	ND	110			
Hexachlorobutadiene	ND				
Isopropylbenzene	ND	107			
m&p-Xylene	ND	111			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	117			
n-Butylbenzene	ND				
n-Propylbenzene	ND	104			
Naphthalene	ND	104			

QA/QC Data

SDG I.D.: GAG04136

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	112			
p-Isopropyltoluene	ND	113			
sec-Butylbenzene	ND	106			
Styrene	ND	110			
tert-Butylbenzene	ND	104			
Tetrachloroethene	ND	118			
Toluene	ND	108	103	107	3.8
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	112			
trans-1,3-Dichloropropene	ND	127			
Trichloroethene	ND	93	80	85	6.1
Trichlorofluoromethane	ND	129			
Vinyl Chloride	ND				
% Bromofluorobenzene	115	107	112	110	1.8

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

QA/QC Batch Sample No: AG08084 (AG04136, AG04137)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	104			
1,1,1-Trichloroethane	ND	104			
1,1,2,2-Tetrachloroethane	ND	132			
1,1,2-Trichloroethane	ND	113			
1,1-Dichloroethane	ND	96			
1,1-Dichloroethene	ND	105	107	113	5.5
1,1-Dichloropropene	ND	106			
1,2,3-Trichlorobenzene	ND	117			
1,2,3-Trichloropropane	ND	109			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	113			
1,2,4-Trimethylbenzene	ND	107			
1,2-Dibromo-3-chloropropane	ND	110			
1,2-Dichlorobenzene	ND	115			
1,2-Dichloroethane	ND	123			
1,2-Dichloropropane	ND	115			
1,3,5-Trimethylbenzene	ND	105			
1,3-Dichlorobenzene	ND	116			
1,3-Dichloropropane	ND	115			
1,4-Dichlorobenzene	ND	110			
2,2-Dichloropropane	ND	83			
2-Chlorotoluene	ND	101			
4-Chlorotoluene	ND	102			
Benzene	ND	114	114	117	2.6

QA/QC Data

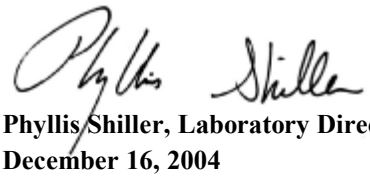
SDG I.D.: GAG04136

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Bromobenzene	ND	107			
Bromochloromethane	ND	96			
Bromodichloromethane	ND	122			
Bromoform	ND	115			
Bromomethane	ND				
Carbon Tetrachloride	ND	104			
Chlorobenzene	ND	101	107	109	1.9
Chloroethane	ND				
Chloroform	ND	111			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	108			
cis-1,3-Dichloropropene	ND	115			
Dibromochloromethane	ND	106			
Dibromoethane	ND	107			
Dibromomethane	ND	108			
Dichlorodifluoromethane	ND	99			
Ethylbenzene	ND	106			
Hexachlorobutadiene	ND	125			
Isopropylbenzene	ND	102			
m&p-Xylene	ND	108			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	105			
n-Butylbenzene	ND	122			
n-Propylbenzene	ND	102			
Naphthalene	ND	111			
o-Xylene	ND	108			
p-Isopropyltoluene	ND	108			
sec-Butylbenzene	ND	103			
Styrene	ND	111			
tert-Butylbenzene	ND	99			
Tetrachloroethene	ND	116			
Toluene	ND	112	107	112	4.6
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	102			
trans-1,3-Dichloropropene	ND	123			
Trichloroethene	ND	90	84	87	3.5
Trichlorofluoromethane	ND	104			
Vinyl Chloride	ND				
% Bromofluorobenzene	110	109	112	111	0.9

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
December 16, 2004

INFLUENT & EFFLUENT AIR ANALYTICAL REPORT

AirTECHNOLOGY
Laboratories, Inc.

12/03/2004

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

Project Reference: NOW Corp., 55849.01
Lab Number: A4112303-01/06

Enclosed are results for sample(s) received 11/23/04 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 12/01/04.

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: 11/23/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:		A4112303-01		A4112303-02		A4112303-03		A4112303-04		A4112303-05	
Client Sample I.D.:		TW - 1VE 11/04		TW - 2AVE 11/04		ST - 1 11/04		PAS 11/04		SVE - EXH 11/04	
Date Sampled:		11/22/04		11/22/04		11/22/04		11/22/04		11/22/04	
Date Analyzed:		11/23/04		11/23/04		11/23/04		11/23/04		11/23/04	
QC Batch No:		041123MS2A1		041123MS2A1		041123MS2A1		041123MS2A1		041123MS2A1	
Analyst Initials:		JM		JM		JM		JM		JM	
Dilution Factor:		1.0		1.0		1.0		3.0		1.0	
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
Chloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
1,1-Dichloroethene	1.0	3.2	1.0	3.1	1.0	2.5	1.0	23	3.0	1.1	1.0
1,1-Dichloroethane	1.0	13	1.0	12	1.0	11	1.0	250	3.0	3.4	1.0
c-1,2-Dichloroethene	1.0	6.3	1.0	7.0	1.0	6.6	1.0	10	3.0	1.2	1.0
1,1,1-Trichloroethane	1.0	24	1.0	23	1.0	20	1.0	940 d	8.0	1.9	1.0
Benzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
1,2-Dichloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
Trichloroethene	1.0	180	1.0	190	1.0	170	2.0	400	3.0	ND	1.0
Toluene	1.0	4.6	1.0	2.8	1.0	4.3	1.0	5.8	3.0	4.2	1.0
1,1,2-Trichloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
Tetrachloroethene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
Chlorobenzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
Ethylbenzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	ND	1.0
p,&m-Xylene	1.0	ND	1.0	ND	1.0	1.0	1.0	5.0	3.0	ND	1.0
o-Xylene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	3.0	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: _____ **Date** 12/1/04
Mark Johnson
Air Toxics Operations Manager

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: 11/23/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:	A4112303-06
Client Sample I.D.:	ST - 4 11/04
Date Sampled:	11/22/04
Date Analyzed:	11/23/04
QC Batch No:	041123MS2A1
Analyst Initials:	JM
Dilution Factor:	1.0

ANALYTE	PQL	Result	RL
Vinyl Chloride	1.0	**1.5**	1.0
Chloroethane	1.0	ND	1.0
1,1-Dichloroethene	1.0	**1.9**	1.0
1,1-Dichloroethane	1.0	**6.4**	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	**3.2**	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 12/1/04
Mark Johnson
Air Toxics Operations Manager

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 041123MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	11/23/04		11/23/04		11/23/04						
Data File ID:	23NOV007.D		23NOV005.D		23NOV006.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	9.1	91	9.0	90	1.1	70	130	30	Pass
Methylene Chloride	0.0	10.0	8.5	85	7.2	72	16.4	70	130	30	Pass
Trichloroethene	0.0	10.0	8.6	86	8.1	81	6.7	70	130	30	Pass
Toluene	0.0	10.0	7.9	79	7.7	77	3.3	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	7.5	75	7.4	74	0.8	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____ **Date:** 12/1/04

Mark Johnson
Air Toxics Operations Manager

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 041124MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD			Limits			
Date Analyzed:	11/24/04		11/24/04		11/24/04						
Data File ID:	24NOV009.D		24NOV007.D		24NOV008.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**	**Low %Rec**	**High %Rec**	**Max. RPD**	**Pass/ Fail**
1,1-Dichloroethene	0.0	10.0	9.2	92	9.1	91	1.4	70	130	30	Pass
Methylene Chloride	0.0	10.0	9.6	96	9.5	95	0.4	70	130	30	Pass
Trichloroethene	0.0	10.0	8.8	88	8.6	86	2.1	70	130	30	Pass
Toluene	0.0	10.0	9.1	91	8.8	88	3.2	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	8.5	85	8.4	84	1.9	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: /Mark/ for **Date:** 12/1/04

Mark Johnson
Air Toxics Operations Manager

The cover letter is an integral part of this analytical report

Chain of Custody Record

EARTH TECH

A Tyco Infrastructure Services Company

Custody Seal #	Earth Tech Cooler #

Project Number	Project Name/Client
65849 . 01	EARTH TECH / Now Corp

Sample Custodian: (Signature) Steve Groy

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)	Lab ID#	Matrix: Sample Type (Air)	Sample Container (2 TEDLAR Bags)
1	TW-1VE 11/04	11/22/04	12:45	N/A	N/A			X	AA112303-01		2
2	TW-2AVE 11/04		12:50						-02		
3	ST-1 11/04		12:55						-03		
4	PAS 11/04		1:00						-04		
5	SUE-EXH 11/04		12:40						-05		
6	ST-4 11/04		12:30						-06		
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time
Steve Groy	11/22/04 1:30	FED EX			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time
FED EX	11.23.04 0855				

Send Lab Results To: Steve Choinere
EARTH TECH
40 British American Blvd.
Latham NY 12110

Remarks:

Federal Express Airbill No.: 8455 2380 8325

Lab:

Check Delivery Method:

- ☐ Samples delivered in person
- ☒ Common carrier

Laboratory Receiving Notes:

Custody Seal Intact?

Temp. of Shipping Container:

Sample Condition: