Operation, Maintenance and Monitoring Report
September 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

November 10, 2004

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 – "September" 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 28-day period (**September 2 – September 30, 2004**).

The P&T and SVE systems were online and fully operational throughout the reporting period, with no downtime. Approximately 524,000 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 18,700 gallons per day (gpd). During the prior reporting period, the average discharge was 10,300 gpd.

As of the last day of the reporting period, a total of 41,115,000 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 September 16, 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 two site visits during the reporting period to conduct the required system inspections, maintenance, monitoring well water-level measurements, and monthly sampling. Details follow:

September 16th – Routine bi-weekly system inspection, monthly sampling, and monitoring well water-level measurements. Daily remote monitoring of system operating parameters using the ProView software revealed that in recent days the effluent pump had been running for unusually long time periods to empty the final settling tank. To remedy the problem, technicians pulled, disassembled, cleaned, and reinstalled the effluent pump. Technicians also installed a brand new

Wika transducer/transmitter in recovery well TW-2A. (This transducer was provided at no cost by the manufacturer as a warranty replacement for its failed predecessor.) As of this date, the operation of all submersible pumps is (finally) under transducer control. Technicians changed oil in the vapor blower motor. Will Welling (NYSDEC) was onsite to collect water and scale samples.

September 30th – Routine bi-weekly system inspection and monitoring well water-level measurements. Technicians drained and cleaned scale and sediment from the three settling tanks, and cleaned the flow meter on the influent line for TW-1.

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: September 16, 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		18,718				Monitor	gpd
pH	6.8	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	**310**	**290**	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	**0.785**	**0.769**	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	**0.079**	**0.078**	NA	NA	NA	2	mg/L
Chromium	<0.001	<0.001	NA	NA	NA	0.1	mg/L
Copper	<0.001	<0.001	NA	NA	NA	0.024	mg/L
Iron	**0.018**	**0.005**	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	**0.131**	**0.074**	NA	NA	NA	0.6	mg/L
Nickel	**0.001**	**0.002**	NA	NA	NA	0.2	mg/L
Zinc	<0.002	<0.002	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	**670**	<0.5	**35.0**	**1700**	**37**	5	ug/L
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	**130**	<0.5	**86**	**250**	**25**	5	ug/L
1,1-Dichloroethene	**15**	<0.5	**14**	**24**	**2.6**	0.5	ug/L
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	ug/L
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	ug/L
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Chloroethane	**1.1**	<0.5	**1.9**	**1.1**	<0.5	5	ug/L
cis-1,2-Dichloroethene	**14**	<0.5	**15.0**	**21**	<0.5	5	ug/L
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Methyl tert-butyl ether	<2	<2	<2	<2	<2	5	ug/L
o-Xylene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
p&m-Xylene	<0.5	<0.5	<0.5	<0.5	<0.5	10	ug/L
Tetrachloroethene	<0.5	<0.5	<0.5	**0.5**	<0.5	1.4	ug/L
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Trichloroethene	**360**	<0.5	**140**	**780**	**26**	5	ug/L
Vinyl Chloride	**1**	<0.5	**0.8**	**2.3**	<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 September 2004 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		9/30/2004	Units
TW-1			
	Pumping Rate	4	GPM
	Water Level Above Transducer	23.18	feet
	Flow Meter Reading	1,801,700	gallons
	Pump Pressure	72	psi
TW-2A			
	Pumping Rate	13	GPM
	Water Level Above Transducer	46.15	feet
	Flow Meter Reading	6,372,800	gallons
	Pump Pressure	28	psi
TW-3			
	Pumping Rate	4	GPM
	Water Level Above Transducer	41.97	feet
	Flow Meter Reading	9,730,000	gallons
	Pump Pressure	72	psi
Air Stripper			
	Stripper Blower Pressure	18.5	inches H_2O
	Air Temperature in Stripper	50	°F
	Pressure Gauge - Left Leg	1.9	inches H_2O
	Pressure Gauge - Right Leg	1.5	inches H_2O
	Pressure/Vacuum on the Stripper	.2	inches H_2O
Effluent Flow			
	Total System Meter Reading	41,115,200	gallons
	IW-1 Flow Meter Reading	28,233	gallons
	IW-2 Flow Meter Reading	22,637	gallons
Vapor Extraction System			
	Vapor Blower Vacuum	9.5	inches Hg
	Vacuum before Filter with Dilution Air	9	inches Hg
	Vacuum on Knock-out Pot	13.5	inches Hg
	Blower Inlet Temperature	76	°F
	Blower Outlet Temperature	208	°F
	Pressure After Blower	39	psi
	Heat Exchanger Outlet Temperature	72	°F

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

Table 3
September 2004 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	9/16/2004 Depth to Water (Ft below MP)	9/16/2004 GW Elevation
MW-1	289.50	15.04	274.46
MW-2	332.51	32.14	300.37
MW-3	312.83	32.00	280.83
MW-3S	312.51	27.13	285.38
MW-4	298.29	24.39	273.90
MW-4D	298.16	24.27	273.89
MW-5	285.48	18.55	266.93
MW-6S	287.90	22.45	265.45
MW-6D	287.25	12.69	274.56
MW-7S	292.12	31.20	260.92
MW-7D	292.54	51.35	241.19
OW-1	307.75	50.51	257.24
OW-2	305.96	67.36	238.60
OW-6	294.81	6.65	288.16
IW-1	312.46	24.66	287.80
IW-2	306.56	41.00	265.56
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: September 16, 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	8.0	ND	1.0	ND	1.0
Chloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	8.0	ND	1.0	ND	1.0
1,1-Dichloroethene	**2.2**	1.0	NS	NA	NS	NA	**2.2**	1.0	**2.2**	1.0	**2.7**	8.0	**2.8**	1.0	**6.1**	1.0
1,1-Dichloroethane	**6.1**	1.0	NS	NA	NS	NA	**5.9**	1.0	**6.6**	1.0	**56.0**	8.0	**17.0**	1.0	**5.3**	1.0
cis-1,2-Dichloroethene	**1.7**	1.0	NS	NA	NS	NA	**1.7**	1.0	**1.6**	1.0	**5.0**	8.0	**6.4**	1.0	ND	1.0
1,1,1-Trichloroethane	**12.0**	1.0	NS	NA	NS	NA	**11.0**	1.0	**13.0**	1.0	**130.0**	8.0	**2.5**	1.0	ND	1.0
Benzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	8.0	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	8.0	ND	1.0	ND	1.0
Trichloroethene	**62**	1.0	NS	NA	NS	NA	**63**	1.0	**62**	1.0	**89.0**	8.0	ND	1.0	ND	1.0
Toluene	**22.0**	1.0	NS	NA	NS	NA	**22.0**	1.0	**21.0**	1.0	**23.0**	8.0	**15.0**	1.0	**19.0**	1.0
1,1,2-Trichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	8.0	ND	1.0	ND	1.0
Tetrachloroethene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	8.0	ND	1.0	ND	1.0
Chlorobenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	8.0	ND	1.0	ND	1.0
Ethylbenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	**1.1**	8.0	ND	1.0	ND	1.0
p&m -Xylene	**1.8**	1.0	NS	NA	NS	NA	**1.4**	1.0	**1.6**	1.0	**2.3**	8.0	ND	1.0	ND	1.0
o-Xylene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	8.0	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

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

September 29, 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**	**09/16/04**	**10:25**
Location Code:	**RUST-ENV**	**Received by:**	**KJB**	**09/17/04**	**11:15**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**5584901**				

SDG I.D.: GAF86478
Phoenix I.D.: AF86478

Laboratory Data

Client ID: NOW CORP EFF 9/04

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.769	0.01	mg/L	09/21/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	09/20/04		EK	200.7/6010
Barium	0.078	0.002	mg/L	09/20/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	09/20/04		EK	200.7/6010
Copper	BDL	0.001	mg/L	09/20/04		EK	6010/E200.7
Iron	0.005	0.002	mg/L	09/20/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	09/21/04		RS	7470/E245.1
Manganese	0.074	0.001	mg/L	09/20/04		EK	200.7/6010
Nickel	0.002	0.001	mg/L	09/20/04		EK	200.7/6010
Zinc	BDL	0.002	mg/L	09/20/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	09/27/04		PJ	EPA 1664
Total Cyanide	BDL	0.01	mg/L	09/22/04		ME	9010/335.3
Tot. Diss. Solids	290	10	mg/L	09/20/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	09/20/04		CF	SM2540D
Mercury Digestion	Completed			09/20/04		H/G	E245.1
Total Metals Digestion	Completed			09/17/04		AG	
Volatiles							
1,1,1-Trichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
Benzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/17/04		RM	SW8260

Client ID: NOW CORP EFF 9/04 **Phoenix I.D.: AF86478**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/17/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Toluene	ND	0.5	ug/L	09/17/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	09/17/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	100		%	09/17/04		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
September 29, 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

September 29, 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**	**09/16/04**	**10:55**
Location Code:	**RUST-ENV**	**Received by:**	**KJB**	**09/17/04**	**11:15**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**5584901**				

SDG I.D.: GAF86478
Phoenix I.D.: AF86479

Laboratory Data

Client ID: NOW CORP INF 9/04

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.785	0.01	mg/L	09/21/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	09/20/04		EK	200.7/6010
Barium	0.079	0.002	mg/L	09/20/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	09/20/04		EK	200.7/6010
Copper	BDL	0.001	mg/L	09/20/04		EK	6010/E200.7
Iron	0.018	0.002	mg/L	09/20/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	09/21/04		RS	7470/E245.1
Manganese	0.131	0.001	mg/L	09/20/04		EK	200.7/6010
Nickel	0.001	0.001	mg/L	09/20/04		EK	200.7/6010
Zinc	BDL	0.002	mg/L	09/20/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	09/27/04		PJ	EPA 1664
Total Cyanide	BDL	0.01	mg/L	09/27/04		ME	9010/335.3
Tot. Diss. Solids	310	10	mg/L	09/20/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	09/20/04		CF	SM2540D
Mercury Digestion	Completed			09/20/04		H/G	E245.1
Total Metals Digestion	Completed			09/17/04		AG	
Volatiles							
1,1,1-Trichloroethane	670	5.0	ug/L	09/17/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethane	130	5.0	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethene	15	0.5	ug/L	09/17/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
Benzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/17/04		RM	SW8260

Client ID: NOW CORP INF 9/04 **Phoenix I.D.: AF86479**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	1.1	0.5	ug/L	09/17/04		RM	SW8260
cis-1,2-Dichloroethene	14	0.5	ug/L	09/17/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/17/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Toluene	ND	0.5	ug/L	09/17/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Trichloroethene	360	5.0	ug/L	09/17/04		RM	SW8260
Vinyl chloride	1	0.5	ug/L	09/17/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	110		%	09/17/04		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
September 29, 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

September 29, 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	09/16/04	11:05
Location Code:	RUST-ENV	Received by:	KJB	09/17/04	11:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF86478
Phoenix I.D.: AF86480

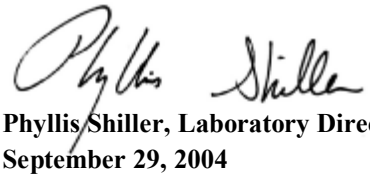
Laboratory Data

Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	35	0.5	ug/L	09/17/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethane	86	5.0	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethene	14	0.5	ug/L	09/17/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
Benzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chloroethane	1.9	0.5	ug/L	09/17/04		RM	SW8260
cis-1,2-Dichloroethene	15	0.5	ug/L	09/17/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/17/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Toluene	ND	0.5	ug/L	09/17/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Trichloroethene	140	5.0	ug/L	09/17/04		RM	SW8260
Vinyl chloride	0.8	0.5	ug/L	09/17/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	110		%	09/17/04		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
September 29, 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

September 29, 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	09/16/04	11:10
Location Code:	RUST-ENV	Received by:	KJB	09/17/04	11:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF86478
Phoenix I.D.: AF86481

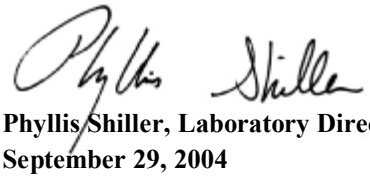
Laboratory Data

Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	1700	5.0	ug/L	09/17/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethane	250	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethene	24	0.5	ug/L	09/17/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
Benzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chloroethane	1.1	0.5	ug/L	09/17/04		RM	SW8260
cis-1,2-Dichloroethene	21	0.5	ug/L	09/17/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/17/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Tetrachloroethene	0.5	0.5	ug/L	09/17/04		RM	SW8260
Toluene	ND	0.5	ug/L	09/17/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Trichloroethene	780	5.0	ug/L	09/17/04		RM	SW8260
Vinyl chloride	2.3	0.5	ug/L	09/17/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	110		%	09/17/04		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
September 29, 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

September 29, 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	09/16/04	11:15
Location Code:	RUST-ENV	Received by:	KJB	09/17/04	11:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF86478
Phoenix I.D.: AF86482

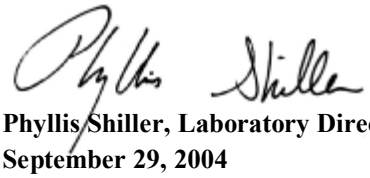
Laboratory Data

Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	37	0.5	ug/L	09/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/21/04		RM	SW8260
1,1-Dichloroethane	25	0.5	ug/L	09/21/04		RM	SW8260
1,1-Dichloroethene	2.6	0.5	ug/L	09/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	09/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/21/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	09/21/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	09/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/21/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/21/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	09/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/21/04		RM	SW8260
Trichloroethene	26	0.5	ug/L	09/21/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	09/21/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	100		%	09/21/04		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
September 29, 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

September 29, 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	09/16/04	0:00
Location Code:	RUST-ENV	Received by:	KJB	09/17/04	11:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF86478
Phoenix I.D.: AF86483

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	09/17/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
Benzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	09/17/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/17/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/17/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/17/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Toluene	ND	0.5	ug/L	09/17/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	09/17/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	09/17/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	09/17/04		RM	SW8260

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

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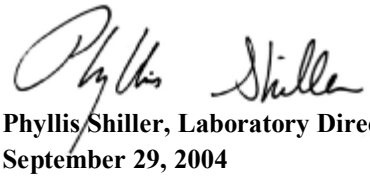
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



Phyllis Shiller, Laboratory Director
September 29, 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

September 29, 2004

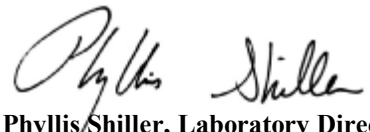
QA/QC Data

SDG I.D.: GAF86478

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AF86518 (AF86478, AF86479)						
ICP Metals - Aqueous						
Aluminum	BDL	95.7	5.50	114	116	1.7
Antimony	BDL	99.2	NC	100	100	0.0
Arsenic	BDL	94.9	NC	97.3	98.0	0.7
Barium	BDL	99.1	NC	98.2	97.9	0.3
Beryllium	BDL	102	NC	102	103	1.0
Boron	0.09		BDL			
Cadmium	BDL	101	NC	102	102	0.0
Calcium	BDL		BDL			
Chromium	BDL	96.7	NC	95.3	96.0	0.7
Cobalt	BDL	98.1	NC	97.2	97.8	0.6
Copper	BDL	104	2.10	104	105	1.0
Iron	BDL	96.4	1.80	94.9	95.2	0.3
Lead	BDL	100	NC	98.1	98.4	0.3
Magnesium	BDL		BDL			
Manganese	BDL	97.3	1.70	94.2	95.0	0.8
Molybdenum	BDL		BDL			
Nickel	BDL	96.8	NC	96.0	95.9	0.1
Phosphorus	BDL		BDL			
Selenium	BDL	96.7	NC	98.3	98.9	0.6
Silver	BDL	101	NC	102	102	0.0
Thallium	BDL	98.4	NC	97.1	97.5	0.4
Tin	BDL		BDL			
Vanadium	BDL	98.0	NC	97.8	98.3	0.5
Zinc	BDL	97.1	1.60	98.4	98.2	0.2
QA/QC Batch Sample No: AF86518 (AF86478, AF86479)						
Lead Analysis by Furnace	BDL	104	NC	92		NC

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
September 29, 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

September 29, 2004

QA/QC Data

SDG I.D.: GAF86478

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AF86268 (AF86478, AF86479)				
Oil and Grease by EPA 1664	BDL	96	83	NR
QA/QC Batch Sample No: AF86478 (AF86478, AF86479)				
Tot. Diss. Solids	BDL	95	NR	3.4
QA/QC Batch Sample No: AF86478 (AF86478)				
Total Cyanide	BDL	85	73	NC
QA/QC Batch Sample No: AF86478 (AF86478, AF86479)				
Total Suspended Solids	BDL	102	NR	NC
QA/QC Batch Sample No: AF87381 (AF86479)				
Total Cyanide (Drinking water)	BDL	95	94.1	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
September 29, 2004

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

September 29, 2004

QA/QC Data

SDG I.D.: GAF86478

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AF86470 (AF86483)					
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	113			
1,1,1-Trichloroethane	ND				
1,1,2,2-Tetrachloroethane	ND	89			
1,1,2-Trichloroethane	ND	102			
1,1-Dichloroethane	ND	74			
1,1-Dichloroethene	ND	79			
1,1-Dichloropropene	ND	106			
1,2,3-Trichlorobenzene	ND	105			
1,2,3-Trichloropropane	ND	91			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	104			
1,2,4-Trimethylbenzene	ND	114			
1,2-Dibromo-3-chloropropane	ND	109			
1,2-Dichlorobenzene	ND	95			
1,2-Dichloroethane	ND				
1,2-Dichloropropane	ND	100			
1,3,5-Trimethylbenzene	ND	115			
1,3-Dichlorobenzene	ND	98			
1,3-Dichloropropane	ND	107			
1,4-Dichlorobenzene	ND	96			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	108			
4-Chlorotoluene	ND	108			
Benzene	ND		102	107	4.8
Bromobenzene	ND	96			
Bromochloromethane	ND				
Bromodichloromethane	ND	115			
Bromoform	ND	123			
Bromomethane	ND	70			
Carbon Tetrachloride	ND				
Chlorobenzene	ND	102	96	104	8.0
Chloroethane	ND	78			

QA/QC Data

SDG I.D.: GAF86478

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND				
Chloromethane	ND	74			
cis-1,2-Dichloroethene	ND	83			
cis-1,3-Dichloropropene	ND	117			
Dibromochloromethane	ND	117			
Dibromoethane	ND	110			
Dibromomethane	ND	102			
Dichlorodifluoromethane	ND	77			
Ethylbenzene	ND	115			
Hexachlorobutadiene	ND	106			
Isopropylbenzene	ND	118			
m&p-Xylene	ND	118			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND				
n-Butylbenzene	ND	114			
n-Propylbenzene	ND	114			
Naphthalene	ND	104			
o-Xylene	ND	113			
p-Isopropyltoluene	ND	124			
sec-Butylbenzene	ND	111			
Styrene	ND	112			
tert-Butylbenzene	ND	116			
Tetrachloroethene	ND	106			
Toluene	ND	107	99	79	22.5
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	76			
trans-1,3-Dichloropropene	ND	118			
Trichloroethene	ND	104	92	107	15.1
Trichlorofluoromethane	ND	83			
Vinyl Chloride	ND	86			
% Bromofluorobenzene	92	109	91	89	2.2

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

QA/QC Batch Sample No: AF86553 (AF86478, AF86479, AF86480, AF86481, AF86482)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	116			
1,1,1-Trichloroethane	ND	111			
1,1,2,2-Tetrachloroethane	ND	82			
1,1,2-Trichloroethane	ND	85			
1,1-Dichloroethane	ND	98			
1,1-Dichloroethene	ND	95	82	92	11.5
1,1-Dichloropropene	ND	109			

QA/QC Data

SDG I.D.: GAF86478

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	108			
1,2,3-Trichloropropane	ND	99			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	107			
1,2,4-Trimethylbenzene	ND	107			
1,2-Dibromo-3-chloropropane	ND	112			
1,2-Dichlorobenzene	ND	103			
1,2-Dichloroethane	ND	115			
1,2-Dichloropropane	ND	82			
1,3,5-Trimethylbenzene	ND	105			
1,3-Dichlorobenzene	ND	103			
1,3-Dichloropropane	ND	106			
1,4-Dichlorobenzene	ND	102			
2,2-Dichloropropane	ND	120			
2-Chlorotoluene	ND	101			
4-Chlorotoluene	ND	103			
Benzene	ND	102	99	106	6.8
Bromobenzene	ND	103			
Bromochloromethane	ND	106			
Bromodichloromethane	ND	99			
Bromoform	ND				
Bromomethane	ND				
Carbon Tetrachloride	ND	120			
Chlorobenzene	ND	107	105	110	4.7
Chloroethane	ND	102			
Chloroform	ND	101			
Chloromethane	ND	116			
cis-1,2-Dichloroethene	ND	103			
cis-1,3-Dichloropropene	ND	94			
Dibromochloromethane	ND	127			
Dibromoethane	ND	90			
Dibromomethane	ND	93			
Dichlorodifluoromethane	ND	90			
Ethylbenzene	ND	109			
Hexachlorobutadiene	ND	121			
Isopropylbenzene	ND	107			
m&p-Xylene	ND	110			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	78			
n-Butylbenzene	ND	102			
n-Propylbenzene	ND	99			
Naphthalene	ND	106			

QA/QC Data

SDG I.D.: GAF86478

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	115			
p-Isopropyltoluene	ND	110			
sec-Butylbenzene	ND	99			
Styrene	ND	112			
tert-Butylbenzene	ND	107			
Tetrachloroethene	ND	117			
Toluene	ND	84	84	88	4.7
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	94			
trans-1,3-Dichloropropene	ND	105			
Trichloroethene	ND	113	102	110	7.5
Trichlorofluoromethane	ND	121			
Vinyl Chloride	ND	106			
% Bromofluorobenzene	107	109	106	106	0.0

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

QA/QC Batch Sample No: AF86855 (AF86479, AF86480, AF86481, AF86482)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND				
1,1,1-Trichloroethane	ND	116			
1,1,2,2-Tetrachloroethane	ND	77			
1,1,2-Trichloroethane	ND	85			
1,1-Dichloroethane	ND	101			
1,1-Dichloroethene	ND	87	79	84	6.1
1,1-Dichloropropene	ND	104			
1,2,3-Trichlorobenzene	ND	102			
1,2,3-Trichloropropane	ND	100			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	99			
1,2,4-Trimethylbenzene	ND	98			
1,2-Dibromo-3-chloropropane	ND				
1,2-Dichlorobenzene	ND	105			
1,2-Dichloroethane	ND				
1,2-Dichloropropane	ND	86			
1,3,5-Trimethylbenzene	ND	104			
1,3-Dichlorobenzene	ND	105			
1,3-Dichloropropane	ND	109			
1,4-Dichlorobenzene	ND	99			
2,2-Dichloropropane	ND	113			
2-Chlorotoluene	ND	103			
4-Chlorotoluene	ND	103			
Benzene	ND	100	95	99	4.1

QA/QC Data

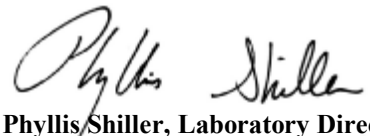
SDG I.D.: GAF86478

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Bromobenzene	ND	108			
Bromochloromethane	ND	106			
Bromodichloromethane	ND	105			
Bromoform	ND				
Bromomethane	ND				
Carbon Tetrachloride	ND				
Chlorobenzene	ND	106	102	105	2.9
Chloroethane	ND	100			
Chloroform	ND	103			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	97			
cis-1,3-Dichloropropene	ND	98			
Dibromochloromethane	ND				
Dibromoethane	ND	93			
Dibromomethane	ND	98			
Dichlorodifluoromethane	ND	78			
Ethylbenzene	ND	104			
Hexachlorobutadiene	ND	118			
Isopropylbenzene	ND	106			
m&p-Xylene	ND	103			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND				
n-Butylbenzene	ND	94			
n-Propylbenzene	ND	99			
Naphthalene	ND	85			
o-Xylene	ND	109			
p-Isopropyltoluene	ND	106			
sec-Butylbenzene	ND	98			
Styrene	ND	108			
tert-Butylbenzene	ND	106			
Tetrachloroethene	ND	116			
Toluene	ND	85	80	83	3.7
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	87			
trans-1,3-Dichloropropene	ND	112			
Trichloroethene	ND		101	105	3.9
Trichlorofluoromethane	ND				
Vinyl Chloride	ND	93			
% Bromofluorobenzene	110	106	102	102	0.0

Comment: A LFB was analyzed instead of a 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
September 29, 2004

INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT

09/28/2004

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

Project Reference: NOW Corp., 55849.01
Lab Number: A4092001-01/06

Enclosed are results for sample(s) received 9/18/04 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 9/27/04.

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: 09/18/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:		A4092001-01		A4092001-02		A4092001-03		A4092001-04		A4092001-05	
Client Sample I.D.:		TW - 1VE 9/04		TW - 2AVE 9/04		ST - 1 9/04		PAS 9/04		SVE - EXH 9/04	
Date Sampled:		09/16/04		09/16/04		09/16/04		09/16/04		09/16/04	
Date Analyzed:		09/18/04		09/18/04		09/18/04		09/19/04		09/18/04	
QC Batch No:		040918MS2A1		040918MS2A1		040918MS2A1		040918MS2A2		040918MS2A1	
Analyst Initials:		JM		JM		JM		JM		JM	
Dilution Factor:		1.0		1.0		1.0		1.0		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	1.0	ND	1.0
Chloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethene	1.0	2.2	1.0	2.2	1.0	2.2	1.0	2.7	1.0	2.8	1.0
1,1-Dichloroethane	1.0	6.1	1.0	5.9	1.0	6.6	1.0	56	1.0	17	1.0
c-1,2-Dichloroethene	1.0	1.7	1.0	1.7	1.0	1.6	1.0	5.0	1.0	6.4	1.0
1,1,1-Trichloroethane	1.0	12	1.0	11	1.0	13	1.0	130	1.0	2.5	1.0
Benzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichloroethene	1.0	62	1.0	63	1.0	62	1.0	89	1.0	ND	1.0
Toluene	1.0	22	1.0	22	1.0	21	1.0	23	1.0	15	1.0
1,1,2-Trichloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Tetrachloroethene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chlorobenzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Ethylbenzene	1.0	ND	1.0	ND	1.0	ND	1.0	1.1	1.0	ND	1.0
p,&m-Xylene	1.0	1.8	1.0	1.4	1.0	1.6	1.0	2.3	1.0	ND	1.0
o-Xylene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0

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

Reviewed/Approved By: _____ Date 9-26-04

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: 09/18/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:	A4092001-06
Client Sample I.D.:	ST - 4 9/04
Date Sampled:	09/16/04
Date Analyzed:	09/18/04
QC Batch No:	040918MS2A1
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	6.1	1.0
1,1-Dichloroethane	1.0	5.3	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	19	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 9-26-04

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 #: 040918MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	09/18/04		09/18/04		09/18/04						
Data File ID:	18SEP005.D		18SEP003.D		18SEP004.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	8.9	89	8.8	88	1.0	70	130	30	Pass
Methylene Chloride	0.0	10.0	9.8	98	9.8	98	0.6	70	130	30	Pass
Trichloroethene	0.0	10.0	9.0	90	8.7	87	2.7	70	130	30	Pass
Toluene	0.0	10.0	8.9	89	8.8	88	1.2	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	8.6	86	8.4	84	2.0	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____ **Date:** 9-26-01

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 #: 040918MS2A2

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	09/19/04		09/18/04		09/18/04						
Data File ID:	18SEP027.D		18SEP022.D		18SEP023.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	9.2	92	9.4	94	1.3	70	130	30	Pass
Methylene Chloride	0.0	10.0	9.7	97	9.4	94	3.0	70	130	30	Pass
Trichloroethene	0.0	10.0	9.1	91	8.7	87	4.0	70	130	30	Pass
Toluene	0.0	10.0	9.0	90	8.7	87	3.3	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	8.6	86	8.6	86	0.7	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____ **Date:** 9-26-04

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
55849.01	EARTH TECH / New 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)	LAB ID #	Matrix: Sample Type: AIR	Matrix: Sample Container: Tedlar bags
1	TW-1VE 9/04	9/16/04	11:50	N/A	N/A			X	A601200i-01	X	2
2	TW-2AVE 9/04		11:45						02		
3	ST-1 9/04		11:40						03		
4	PAS 9/04		11:35						04		
5	SVE-EXH 9/04		11:30						05		
6	ST-4 9/04		11:25						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 Gray	9/16/04 1:45	[illegible] 9/18/04 09:00 AM			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time

Send Lab Results To:	Remarks:	Check Delivery Method:	Laboratory Receiving Notes:
Steve Chaniere EARTH TECH 40 British American Blvd. Latham NY 12110	10 Bus. Days TAT Send Enough Bags back with cooler for next samp event. c/o Roger Gray Federal Express Airbill No.: Lab:	☐ Samples delivered in person ☒ Common carrier	Custody Seal Intact? Temp. of Shipping Container: Sample Condition:

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