Operation, Maintenance and Monitoring Report
April 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

June 4, 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 – April 2004

Dear Mr. Hoffman:

Telephone
518.951.2200
Facsimile
518.951.2300

Enclosed is a monthly summary report for 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 41-day period (**March 24 – May 4, 2004**).

Except for a six-hour power outage on April 20 (thunderstorm?), the P&T and SVE systems were online and fully operational throughout the reporting period. Approximately 1,003,100 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 24,500 gallons per day (gpd). During the prior reporting period, the average discharge was 21,100 gpd.

As of the last day of the reporting period, a total of 38,784,000 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 April 7, 2004. All effluent discharge requirements were met. 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). Repeating the practice of recent months, air samples were not collected at SVE wells VE-1 and VE-2, which are currently off line because the intakes at the wells are submerged. 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:

April 7th – Monthly sampling and bi-weekly system inspection. Our technicians changed the oil in the vapor blower motor, and greased the air stripper blower motor.

April 21st – Routine bi-weekly system inspection. Technicians dismantled, cleaned and reassembled air stripper; and drained and cleaned sludge/scale from the three settling tanks. The pump in the middle tank would not function. It was removed for future cleaning, and a rented pump was used to dewater the tank for cleaning.

May 4th - Routine bi-weekly system inspection.

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,

Stephen R Choiniere

Earth Tech Northeast

Stephen R. Choiniere
Project Manager

Attachments

TABLES

Table 1
Summary of Influent and Effluent Data
Sampling Date: April 7, 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		24,466				Monitor	gpd
pH	6.8	6.8	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	**230**	**230**	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	**0.023**	**0.023**	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	**0.064**	**0.064**	NA	NA	NA	2	mg/L
Chromium	**0.001**	**0.001**	NA	NA	NA	0.1	mg/L
Copper	**0.009**	**0.004**	NA	NA	NA	0.024	mg/L
Iron	**0.036**	**0.009**	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	**0.080**	**0.056**	NA	NA	NA	0.6	mg/L
Nickel	<0.001	<0.001	NA	NA	NA	0.2	mg/L
Zinc	**0.010**	**0.008**	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	**540**	<0.5	**12.0**	**1000**	**8**	0.8	ug/L
1,1,2-Trichloroethane	<5	<0.5	<0.5	<0.5	**0.7**	5	ug/L
1,1-Dichloroethane	**100**	<0.5	**86**	**160**	**14**	5	ug/L
1,1-Dichloroethene	**19**	<0.5	**11**	**22**	**1.9**	5	ug/L
1,2-Dichloroethane	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Benzene	<5	<0.5	<0.5	<0.5	<0.5	0.5	ug/L
Chlorobenzene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Chloroethane	<5	<0.5	**1.6**	**1.6**	<0.5	None	ug/L
cis-1,2-Dichloroethene	**8**	<0.5	**10.0**	**18**	<0.5	1.4	ug/L
Ethylbenzene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Methyl tert-butyl ether	<20	<2	<2	<2	<2	5	ug/L
o-Xylene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
p&m-Xylene	<5	<0.5	<0.5	<0.5	<0.5	1.6	ug/L
Tetrachloroethene	<5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
Toluene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
trans-1,2-Dichloroethene	<5	<0.5	<0.5	<0.5	<0.5	0.6	ug/L
Trichloroethene	**220**	<0.5	**83**	**470**	**13**	10	ug/L
Vinyl Chloride	<5	<0.5	**0.5**	**0.9**	<0.5	5	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 treatment requirements.*

3) NA indicates not analyzed.

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

Table 2
Summary of April 2004 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		5/4/2004	Units
TW-1			
	Pumping Rate	3	GPM
	Water Level Above Transducer	18.6	feet
	Flow Meter Reading	1,358,800	gallons
	Pump Pressure	70	psi
TW-2A			
	Pumping Rate	13	GPM
	Water Level Above Transducer	44.14	feet
	Flow Meter Reading	4,059,300	gallons
	Pump Pressure	13	psi
TW-3			
	Pumping Rate	6	GPM
	Water Level Above Transducer	21.66	feet
	Flow Meter Reading	9,189,900	gallons
	Pump Pressure	58	psi
Air Stripper			
	Stripper Blower Pressure	15.5	inches H_2O
	Air Temperature in Stripper	50	°F
	Pressure Gauge - Left Leg	0.6	inches H_2O
	Pressure Gauge - Right Leg	0	inches H_2O
	Pressure/Vacuum on the Stripper	0	inches H_2O
Effluent Flow			
	Total System Meter Reading	38,783,600	gallons
	IW-1 Flow Meter Reading	24,320	gallons
	IW-2 Flow Meter Reading	22,620	gallons
Vapor Extraction System			
	Vapor Blower Vacuum	8.5	inches Hg
	Vacuum before Filter with Dilution Air	9	inches Hg
	Vacuum on Knock-out Pot	13	inches Hg
	Blower Inlet Temperature	72	°F
	Blower Outlet Temperature	202	°F
	Pressure After Blower	40	psi
	Heat Exchanger Outlet Temperature	72	°F

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

Table 3
April 2004 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	4/7/2004 Depth to Water (Ft below MP)	4/7/2004 GW Elevation
MW-1	289.50	10.27	279.23
MW-2	332.51	25.26	307.25
MW-3	312.83	23.67	289.16
MW-3S	312.51	20.76	291.75
MW-4	298.29	21.17	277.12
MW-4D	298.16	21.00	277.16
MW-5	285.48	18.38	267.10
MW-6S	287.90	4.51	283.39
MW-6D	287.25	6.75	280.50
MW-7S	292.12	21.99	270.13
MW-7D	292.54	56.23	236.31
OW-1	307.75	51.21	256.54
OW-2	305.96	70.41	235.55
OW-6	294.81	4.44	290.37
IW-1	312.46	8.78	303.68
IW-2	306.56	6.01	300.55
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 System Air Sampling Data
Sampling Date: April 7, 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	**1.3**	1.0	NS	NA	NS	NA	**2.2**	1.0	**1.5**	1.0	ND	10	ND	1.0	ND	1.0
Chloroethane	ND	1.0	NS	NA	NS	NA	**2.4**	1.0	**1.1**	1.0	ND	10	ND	1.0	ND	1.0
1,1-Dichloroethene	**13.0**	1.0	NS	NA	NS	NA	**21.0**	1.0	**14.0**	1.0	**21.0**	10	ND	1.0	ND	1.0
1,1-Dichloroethane	**26.0**	1.0	NS	NA	NS	NA	**45.0**	1.0	**32.0**	1.0	**210.0**	10	ND	1.0	ND	1.0
cis-1,2-Dichloroethene	**3.5**	1.0	NS	NA	NS	NA	**6.0**	1.0	**4.4**	1.0	**18.0**	10	ND	1.0	ND	1.0
1,1,1-Trichloroethane	**19.0**	1.0	NS	NA	NS	NA	**43.0**	1.0	**21.0**	1.0	**820.0**	10	ND	1.0	ND	1.0
Benzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	10	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	10	ND	1.0	ND	1.0
Trichloroethene	**96.0**	1.0	NS	NA	NS	NA	**150.0**	1.0	**110.0**	1.0	**400.0**	10	ND	1.0	ND	1.0
Toluene	**4.6**	1.0	NS	NA	NS	NA	**4.3**	1.0	**6.0**	1.0	ND	10	**5.2**	1.0	**5.7**	1.0
1,1,2-Trichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	10	ND	1.0	ND	1.0
Tetrachloroethene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	10	ND	1.0	ND	1.0
Chlorobenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	10	ND	1.0	ND	1.0
Ethylbenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	10	ND	1.0	ND	1.0
p&m -Xylene	**1.5**	1.0	NS	NA	NS	NA	**1.9**	1.0	**1.8**	1.0	**14.0**	10	**1.5**	1.0	**1.4**	1.0
o-Xylene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	10	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

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 15, 2004

Earthtech
40 British American Blvd
Latham NY 12110

Attention: Mr Steve Choiniere

Sample ID#: AF48258-48263

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX

ACCREDITED IN ACCORDANCE WITH nelac

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

Analysis Report

April 15, 2004

FOR: Attn:
Earthtech Inc
40 British American Boulevard
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	**WATER**	**Collected by:**	**SG**	**04/07/04**	**10:30**
Location Code:	**RUST-ENV**	**Received by:**	**KJB**	**04/08/04**	**10:10**
Rush Request:		**Analyzed by:**	**see "By" below**		
P.O.#:	**5584901**				

SDG I.D.: GAF48258
Phoenix I.D.: AF48258

Laboratory Data

Client ID: **NOW CORP EFF**

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.023	0.01	mg/L	04/13/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	04/13/04		EK	200.7/6010
Barium	0.064	0.002	mg/L	04/13/04		EK	6010/E200.7
Chromium	0.001	0.001	mg/L	04/13/04		EK	200.7/6010
Copper	0.004	0.001	mg/L	04/13/04		EK	6010/E200.7
Iron	0.009	0.002	mg/L	04/13/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	04/09/04		RS	7470/E245.1
Manganese	0.056	0.001	mg/L	04/13/04		EK	200.7/6010
Nickel	BDL	0.001	mg/L	04/13/04		EK	200.7/6010
Zinc	0.008	0.002	mg/L	04/13/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	04/13/04		GAD	EPA 1664
Total Cyanide	BDL	0.01	mg/L	04/09/04		M/P	9010/335.3
Tot. Diss. Solids	230	10	mg/L	04/10/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	04/10/04		CF	SM2540D
Mercury Digestion	Completed			04/09/04		DM	E245.1
Total Metals Digestion	Completed			04/08/04		AG	
Volatiles							
1,1,1-Trichloroethane	ND	0.5	ug/L	04/14/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	04/14/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	04/14/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	04/14/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	04/14/04		RM	SW8260
Benzene	ND	0.5	ug/L	04/14/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	04/14/04		RM	SW8260

Client ID: NOW CORP EFF **Phoenix I.D.: AF48258**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	04/14/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/14/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	04/14/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	04/14/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	04/14/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	04/14/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	04/14/04		RM	SW8260
Toluene	ND	0.5	ug/L	04/14/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/14/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	04/14/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	04/14/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	101		%	04/14/04		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

Phyllis Shiller, Laboratory Director
April 15, 2004

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

April 15, 2004

FOR: Attn:
Earthtech Inc
40 British American Boulevard
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	04/07/04	11:05
Location Code:	RUST-ENV	Received by:	KJB	04/08/04	10:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF48258
Phoenix I.D.: AF48259

Laboratory Data

Client ID: NOW CORP INF

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.023	0.01	mg/L	04/13/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	04/13/04		EK	200.7/6010
Barium	0.064	0.002	mg/L	04/13/04		EK	6010/E200.7
Chromium	0.001	0.001	mg/L	04/13/04		EK	200.7/6010
Copper	0.009	0.001	mg/L	04/13/04		EK	6010/E200.7
Iron	0.036	0.002	mg/L	04/13/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	04/09/04		RS	7470/E245.1
Manganese	0.08	0.001	mg/L	04/13/04		EK	200.7/6010
Nickel	BDL	0.001	mg/L	04/13/04		EK	200.7/6010
Zinc	0.01	0.002	mg/L	04/13/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	04/13/04		GAD	EPA 1664
Total Cyanide	BDL	0.01	mg/L	04/09/04		M/P	9010/335.3
Tot. Diss. Solids	230	10	mg/L	04/10/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	04/10/04		CF	SM2540D
Mercury Digestion	Completed			04/09/04		DM	E245.1
Total Metals Digestion	Completed			04/08/04		AG	
Volatiles							
1,1,1-Trichloroethane	540	5	ug/L	04/14/04		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	04/14/04		RM	SW8260
1,1-Dichloroethane	100	5	ug/L	04/14/04		RM	SW8260
1,1-Dichloroethene	19	5	ug/L	04/14/04		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	04/14/04		RM	SW8260
Benzene	ND	5	ug/L	04/14/04		RM	SW8260
Chlorobenzene	ND	5	ug/L	04/14/04		RM	SW8260

Client ID: NOW CORP INF **Phoenix I.D.: AF48259**

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	5	ug/L	04/14/04		RM	SW8260
cis-1,2-Dichloroethene	8	5	ug/L	04/14/04		RM	SW8260
Ethylbenzene	ND	5	ug/L	04/14/04		RM	SW8260
m&p-Xylene	ND	5	ug/L	04/14/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	04/14/04		RM	SW8260
o-Xylene	ND	5	ug/L	04/14/04		RM	SW8260
Tetrachloroethene	ND	5	ug/L	04/14/04		RM	SW8260
Toluene	ND	5	ug/L	04/14/04		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	04/14/04		RM	SW8260
Trichloroethene	220	5	ug/L	04/14/04		RM	SW8260
Vinyl chloride	ND	5	ug/L	04/14/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	110		%	04/14/04		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
April 15, 2004

PHOENIX

ACCREDITED IN ACCORDANCE WITH nelac

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

Analysis Report

April 15, 2004

FOR: Attn:
Earthtech Inc
40 British American Boulevard
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	04/07/04	11:10
Location Code:	RUST-ENV	Received by:	KJB	04/08/04	10:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF48258
Phoenix I.D.: AF48260

Laboratory Data

Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	12	0.5	ug/L	04/09/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
1,1-Dichloroethane	86	0.5	ug/L	04/09/04		RM	SW8260
1,1-Dichloroethene	11	0.5	ug/L	04/09/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
Benzene	ND	0.5	ug/L	04/09/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	04/09/04		RM	SW8260
Chloroethane	1.6	0.5	ug/L	04/09/04		RM	SW8260
cis-1,2-Dichloroethene	10	0.5	ug/L	04/09/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	04/09/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	04/09/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	04/09/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	04/09/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Toluene	ND	0.5	ug/L	04/09/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Trichloroethene	83	0.5	ug/L	04/09/04		RM	SW8260
Vinyl chloride	0.5	0.5	ug/L	04/09/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	86		%	04/09/04		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

Phyllis Shiller, Laboratory Director
April 15, 2004

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

April 15, 2004

FOR: Attn:
Earthtech Inc
40 British American Boulevard
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	04/07/04	11:15
Location Code:	RUST-ENV	Received by:	KJB	04/08/04	10:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF48258
Phoenix I.D.: AF48261

Laboratory Data

Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	1000	5.0	ug/L	04/09/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
1,1-Dichloroethane	160	5.0	ug/L	04/09/04		RM	SW8260
1,1-Dichloroethene	22	0.5	ug/L	04/09/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
Benzene	ND	0.5	ug/L	04/09/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	04/09/04		RM	SW8260
Chloroethane	1.6	0.5	ug/L	04/09/04		RM	SW8260
cis-1,2-Dichloroethene	18	0.5	ug/L	04/09/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	04/09/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	04/09/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	04/09/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	04/09/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Toluene	ND	0.5	ug/L	04/09/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Trichloroethene	470	5.0	ug/L	04/09/04		RM	SW8260
Vinyl chloride	0.9	0.5	ug/L	04/09/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	90		%	04/09/04		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
April 15, 2004

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

April 15, 2004

FOR: Attn:
Earthtech Inc
40 British American Boulevard
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	04/07/04	11:20
Location Code:	RUST-ENV	Received by:	KJB	04/08/04	10:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF48258
Phoenix I.D.: AF48262

Laboratory Data

Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	8	0.5	ug/L	04/10/04		RM	SW8260
1,1,2-Trichloroethane	0.7	0.5	ug/L	04/10/04		RM	SW8260
1,1-Dichloroethane	14	0.5	ug/L	04/10/04		RM	SW8260
1,1-Dichloroethene	1.9	0.5	ug/L	04/10/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	04/10/04		RM	SW8260
Benzene	ND	0.5	ug/L	04/10/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	04/10/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	04/10/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/10/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	04/10/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	04/10/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	04/10/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	04/10/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	04/10/04		RM	SW8260
Toluene	ND	0.5	ug/L	04/10/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/10/04		RM	SW8260
Trichloroethene	13	0.5	ug/L	04/10/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	04/10/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	80		%	04/10/04		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

Phyllis Shiller, Laboratory Director
April 15, 2004

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

April 15, 2004

FOR: Attn:
Earthtech Inc
40 British American Boulevard
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	04/07/04	0:00
Location Code:	RUST-ENV	Received by:	KJB	04/08/04	10:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	5584901				

SDG I.D.: GAF48258
Phoenix I.D.: AF48263

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	04/09/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
Benzene	ND	0.5	ug/L	04/09/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	04/09/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	04/09/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	04/09/04		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	04/09/04		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	04/09/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	04/09/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Toluene	ND	0.5	ug/L	04/09/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	04/09/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	04/09/04		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	91		%	04/09/04		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
April 15, 2004

PHOENIX

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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

April 15, 2004

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AF48060 (AF48258, AF48259)						
ICP Metals - Aqueous						
Aluminum	BDL	95.2	3.30	99.7	100	0.3
Antimony	BDL	96.9	NC	100	100	0.0
Arsenic	BDL	96.0	NC	101	102	1.0
Barium	BDL	99.0	NC	101	102	1.0
Beryllium	BDL	98.6	NC	102	103	1.0
Boron	BDL		BDL			
Cadmium	BDL	99.6	NC	100	100	0.0
Calcium	BDL		BDL			
Chromium	BDL	97.9	NC	99.8	100	0.2
Cobalt	BDL	100	NC	102	103	1.0
Copper	BDL	101	NC	104	104	0.0
Iron	BDL	99.4	1.80	99.2	101	1.8
Lead	BDL	100	NC	99.9	100	0.1
Magnesium	BDL		BDL			
Manganese	BDL	98.9	2.20	98.8	100	1.2
Molybdenum	BDL		BDL			
Nickel	BDL	99.0	NC	100	101	1.0
Phosphorus	BDL		BDL			
Selenium	BDL	95.3	NC	99.3	100	0.7
Silver	BDL	98.4	NC	105	104	1.0
Thallium	BDL	96.7	NC	95.3	95.9	0.6
Tin	BDL		BDL			
Vanadium	BDL	96.9	NC	100	101	1.0
Zinc	BDL	98.0	12.6	97.3	97.5	0.2
QA/QC Batch Sample No: AF48060 (AF48258, AF48259)						
Lead Analysis by Furnace	BDL	97	NC	97		NC
QA/QC Batch Sample No: AF48060 (AF48258, AF48259)						
Selenium	BDL	102	NC	95		NC
QA/QC Batch Sample No: AF48060 (AF48258, AF48259)						
Thallium	BDL	100	NC	87		NC
QA/QC Batch Sample No: AF48237 (AF48258, AF48259)						

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Mercury	BDL		NC	98	88	10.8

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
April 15, 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

April 15, 2004

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AF47957 (AF48258, AF48259)				
Oil and Grease by EPA 1664	BDL	95.0		NR
QA/QC Batch Sample No: AF48258 (AF48258, AF48259)				
Tot. Diss. Solids	BDL	107	NR	4.4
QA/QC Batch Sample No: AF48258 (AF48258, AF48259)				
Total Cyanide	BDL	98.3	81.5	NC
QA/QC Batch Sample No: AF48258 (AF48258, AF48259)				
Total Suspended Solids	BDL	107	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

Phyllis Shiller, Laboratory Director
April 15, 2004

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac

QA/QC Report

April 15, 2004

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AF48322 (AF48263)					
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	105			
1,1,1-Trichloroethane	ND	123			
1,1,2,2-Tetrachloroethane	ND	96			
1,1,2-Trichloroethane	ND	85			
1,1-Dichloroethane	ND	103			
1,1-Dichloroethene	ND	88	98	91	7.4
1,1-Dichloropropene	ND	91			
1,2,3-Trichlorobenzene	ND	92			
1,2,3-Trichloropropane	ND	97			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	90			
1,2,4-Trimethylbenzene	ND	92			
1,2-Dibromo-3-chloropropane	ND	87			
1,2-Dichlorobenzene	ND	97			
1,2-Dichloroethane	ND	111			
1,2-Dichloropropane	ND	92			
1,3,5-Trimethylbenzene	ND	92			
1,3-Dichlorobenzene	ND	94			
1,3-Dichloropropane	ND	94			
1,4-Dichlorobenzene	ND	94			
2,2-Dichloropropane	ND	124			
2-Chlorotoluene	ND	94			
4-Chlorotoluene	ND	94			
Benzene	ND	95	98	94	4.2
Bromobenzene	ND	89			
Bromochloromethane	ND	102			
Bromodichloromethane	ND	118			
Bromoform	ND	100			
Bromomethane	ND				
Carbon Tetrachloride	ND				
Chlorobenzene	ND	88	92	87	5.6
Chloroethane	ND	91			

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	120			
Chloromethane	ND	94			
cis-1,2-Dichloroethene	ND	90			
cis-1,3-Dichloropropene	ND	99			
Dibromochloromethane	ND	109			
Dibromoethane	ND	90			
Dibromomethane	ND	101			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	84			
Hexachlorobutadiene	ND	106			
Isopropylbenzene	ND	100			
m&p-Xylene	ND	88			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	93			
n-Butylbenzene	ND	101			
n-Propylbenzene	ND	93			
Naphthalene	ND	95			
o-Xylene	ND	90			
p-Isopropyltoluene	ND	101			
sec-Butylbenzene	ND	88			
Styrene	ND	85			
tert-Butylbenzene	ND	97			
Tetrachloroethene	ND	92			
Toluene	ND	84	83	79	4.9
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	90			
trans-1,3-Dichloropropene	ND	100			
Trichloroethene	ND	97	93	89	4.4
Trichlorofluoromethane	ND	120			
Vinyl Chloride	ND	107			
% Bromofluorobenzene	99	102	90	91	1.1

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

QA/QC Batch Sample No: AF48626 (AF48260, AF48261)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	90			
1,1,1-Trichloroethane	ND	86			
1,1,2,2-Tetrachloroethane	ND	100			
1,1,2-Trichloroethane	ND	106			
1,1-Dichloroethane	ND	82			
1,1-Dichloroethene	ND	83	105	102	2.9
1,1-Dichloropropene	ND	85			

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	112			
1,2,3-Trichloropropane	ND	100			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	102			
1,2,4-Trimethylbenzene	ND	86			
1,2-Dibromo-3-chloropropane	ND	80			
1,2-Dichlorobenzene	ND	95			
1,2-Dichloroethane	ND	102			
1,2-Dichloropropane	ND	97			
1,3,5-Trimethylbenzene	ND	86			
1,3-Dichlorobenzene	ND	91			
1,3-Dichloropropane	ND	97			
1,4-Dichlorobenzene	ND	89			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	86			
4-Chlorotoluene	ND	89			
Benzene	ND	87	111	112	0.9
Bromobenzene	ND	94			
Bromochloromethane	ND	92			
Bromodichloromethane	ND	94			
Bromoform	ND	104			
Bromomethane	ND	82			
Carbon Tetrachloride	ND	92			
Chlorobenzene	ND	84	105	104	1.0
Chloroethane	ND	82			
Chloroform	ND	87			
Chloromethane	ND	83			
cis-1,2-Dichloroethene	ND	86			
cis-1,3-Dichloropropene	ND	97			
Dibromochloromethane	ND	98			
Dibromoethane	ND	105			
Dibromomethane	ND	104			
Dichlorodifluoromethane	ND	94			
Ethylbenzene	ND	83			
Hexachlorobutadiene	ND	79			
Isopropylbenzene	ND	91			
m&p-Xylene	ND	84			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	91			
n-Butylbenzene	ND	83			
n-Propylbenzene	ND	85			
Naphthalene	ND	92			

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	88			
p-Isopropyltoluene	ND	89			
sec-Butylbenzene	ND	83			
Styrene	ND	90			
tert-Butylbenzene	ND	86			
Tetrachloroethene	ND	82			
Toluene	ND	89	110	108	1.8
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	84			
trans-1,3-Dichloropropene	ND	99			
Trichloroethene	ND	87	105	104	1.0
Trichlorofluoromethane	ND	89			
Vinyl Chloride	ND	82			
% Bromofluorobenzene	86	100	85	85	0.0

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

QA/QC Batch Sample No: AF48692 (AF48261)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	103			
1,1,1-Trichloroethane	ND	108			
1,1,2,2-Tetrachloroethane	ND	92			
1,1,2-Trichloroethane	ND	110			
1,1-Dichloroethane	ND	100			
1,1-Dichloroethene	ND	104	94	103	9.1
1,1-Dichloropropene	ND	103			
1,2,3-Trichlorobenzene	ND	113			
1,2,3-Trichloropropane	ND	96			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	104			
1,2,4-Trimethylbenzene	ND	96			
1,2-Dibromo-3-chloropropane	ND	98			
1,2-Dichlorobenzene	ND	99			
1,2-Dichloroethane	ND	109			
1,2-Dichloropropane	ND	108			
1,3,5-Trimethylbenzene	ND	96			
1,3-Dichlorobenzene	ND	97			
1,3-Dichloropropane	ND	104			
1,4-Dichlorobenzene	ND	94			
2,2-Dichloropropane	ND	88			
2-Chlorotoluene	ND	97			
4-Chlorotoluene	ND	97			
Benzene	ND	103	103	114	10.1

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Bromobenzene	ND	96			
Bromochloromethane	ND	102			
Bromodichloromethane	ND	105			
Bromoform	ND	109			
Bromomethane	ND	103			
Carbon Tetrachloride	ND	109			
Chlorobenzene	ND	101	99	106	6.8
Chloroethane	ND	113			
Chloroform	ND	104			
Chloromethane	ND	102			
cis-1,2-Dichloroethene	ND	103			
cis-1,3-Dichloropropene	ND	104			
Dibromochloromethane	ND	106			
Dibromoethane	ND	109			
Dibromomethane	ND	110			
Dichlorodifluoromethane	ND	118			
Ethylbenzene	ND	103			
Hexachlorobutadiene	ND	98			
Isopropylbenzene	ND	105			
m&p-Xylene	ND	104			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	106			
n-Butylbenzene	ND	98			
n-Propylbenzene	ND	97			
Naphthalene	ND	89			
o-Xylene	ND	106			
p-Isopropyltoluene	ND	101			
sec-Butylbenzene	ND	95			
Styrene	ND	106			
tert-Butylbenzene	ND	96			
Tetrachloroethene	ND	103			
Toluene	ND	106	103	110	6.6
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	104			
trans-1,3-Dichloropropene	ND	105			
Trichloroethene	ND	107	100	109	8.6
Trichlorofluoromethane	ND	114			
Vinyl Chloride	ND	105			
% Bromofluorobenzene	86	104	82	79	3.7

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

QA/QC Batch Sample No: AF48893 (AF48262)

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	106			
1,1,1-Trichloroethane	ND	130			
1,1,2,2-Tetrachloroethane	ND	96			
1,1,2-Trichloroethane	ND	91			
1,1-Dichloroethane	ND	109			
1,1-Dichloroethene	ND	90	104	96	8.0
1,1-Dichloropropene	ND	95			
1,2,3-Trichlorobenzene	ND	94			
1,2,3-Trichloropropane	ND	99			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	93			
1,2,4-Trimethylbenzene	ND	89			
1,2-Dibromo-3-chloropropane	ND	97			
1,2-Dichlorobenzene	ND	95			
1,2-Dichloroethane	ND	116			
1,2-Dichloropropane	ND	94			
1,3,5-Trimethylbenzene	ND	93			
1,3-Dichlorobenzene	ND	95			
1,3-Dichloropropane	ND	100			
1,4-Dichlorobenzene	ND	94			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	94			
4-Chlorotoluene	ND	92			
Benzene	ND	97	100	98	2.0
Bromobenzene	ND	87			
Bromochloromethane	ND	106			
Bromodichloromethane	ND	118			
Bromoform	ND	101			
Bromomethane	ND	98			
Carbon Tetrachloride	ND	161			
Chlorobenzene	ND	91	93	92	1.1
Chloroethane	ND	103			
Chloroform	ND	120			
Chloromethane	ND	98			
cis-1,2-Dichloroethene	ND	91			
cis-1,3-Dichloropropene	ND	105			
Dibromochloromethane	ND	114			
Dibromoethane	ND	93			
Dibromomethane	ND	101			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	86			

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Hexachlorobutadiene	ND	107			
Isopropylbenzene	ND	99			
m&p-Xylene	ND	87			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	92			
n-Butylbenzene	ND	106			
n-Propylbenzene	ND	94			
Naphthalene	ND	97			
o-Xylene	ND	91			
p-Isopropyltoluene	ND	105			
sec-Butylbenzene	ND	90			
Styrene	ND	86			
tert-Butylbenzene	ND	99			
Tetrachloroethene	ND	97			
Toluene	ND	83	90	88	2.2
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	92			
trans-1,3-Dichloropropene	ND	113			
Trichloroethene	ND	101	94	94	0.0
Trichlorofluoromethane	ND	127			
Vinyl Chloride	ND	119			
% Bromofluorobenzene	94	101	82	83	1.2

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

QA/QC Batch Sample No: AF49545 (AF48258, AF48259)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	93			
1,1,1-Trichloroethane	ND	118			
1,1,2,2-Tetrachloroethane	ND	92			
1,1,2-Trichloroethane	ND	86			
1,1-Dichloroethane	ND	83			
1,1-Dichloroethene	ND	88	85	82	3.6
1,1-Dichloropropene	ND	91			
1,2,3-Trichlorobenzene	ND	86			
1,2,3-Trichloropropane	ND	90			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	89			
1,2,4-Trimethylbenzene	ND	91			
1,2-Dibromo-3-chloropropane	ND	90			
1,2-Dichlorobenzene	ND	90			
1,2-Dichloroethane	ND	113			
1,2-Dichloropropane	ND	90			

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,3,5-Trimethylbenzene	ND	92			
1,3-Dichlorobenzene	ND	92			
1,3-Dichloropropane	ND	94			
1,4-Dichlorobenzene	ND	92			
2,2-Dichloropropane	ND				
2-Chlorotoluene	ND	88			
4-Chlorotoluene	ND	89			
Benzene	ND	91	94	92	2.2
Bromobenzene	ND	84			
Bromochloromethane	ND	93			
Bromodichloromethane	ND	115			
Bromoform	ND	95			
Bromomethane	ND				
Carbon Tetrachloride	ND	114			
Chlorobenzene	ND	87	89	88	1.1
Chloroethane	ND				
Chloroform	ND	116			
Chloromethane	ND	78			
cis-1,2-Dichloroethene	ND	85			
cis-1,3-Dichloropropene	ND	91			
Dibromochloromethane	ND	109			
Dibromoethane	ND	85			
Dibromomethane	ND	99			
Dichlorodifluoromethane	ND	142			
Ethylbenzene	ND	83			
Hexachlorobutadiene	ND	108			
Isopropylbenzene	ND	95			
m&p-Xylene	ND	88			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	81			
n-Butylbenzene	ND	102			
n-Propylbenzene	ND	90			
Naphthalene	ND	87			
o-Xylene	ND	88			
p-Isopropyltoluene	ND	103			
sec-Butylbenzene	ND	87			
Styrene	ND	82			
tert-Butylbenzene	ND	93			
Tetrachloroethene	ND	99			
Toluene	ND	84	83	81	2.4
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	85			

QA/QC Data

SDG I.D.: GAF48258

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
trans-1,3-Dichloropropene	ND	86			
Trichloroethene	ND	92	88	88	0.0
Trichlorofluoromethane	ND	119			
Vinyl Chloride	ND	105			
% Bromofluorobenzene	102	105	100	104	3.9

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

Phyllis Shiller, Laboratory Director
April 15, 2004

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

Chain of Custody Record

Custody Seal #	Rust E&I Cooler #

Project Number	Project Name/Client
55849.01	Now Corp

Sample Custodian: (Signature) Steve Guay

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Analysis Required: EPA 8260	Metals Zn, Al, As, Ba, Cr, Cu, Fe, Mn, Hg, Ni	TDS, TSS	O+G	Cyanide	Matrix: Sample Type: GW	Sample Container: 40 ml.	250 ml.	32 oz. Amb.	500 ml.
1	EFF 4/04	4/7/04	10:20	X			48258	X					X	2			
2			10:40						X						1		
3			10:35							X						1	1
4			10:25								X					1	
5			10:30									X			1		
6	INF 4/04		10:45				48259	X						2			
7			10:55						X						1		
8			10:50							X						1	1
9			11:05								X					1	1
10			11:00									X			1		
11	TW-1		11:10				48260	X						2			
12	TW-2A		11:15				48261	X						2			
13	TW-3		11:20				48262	X						2			
14	Trip Blank						48263	X						2			
15																	
16																	
17																	
18																	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time
Steve Guay	4-7-04 1:52				4/7 16:10
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time
		PB 4/8/04 10:10			

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

Remarks: Short list for VOAs see Bobbie
* Low DL on EFF samp.
Federal Express Airbill No.:
Lab:

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

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

Rev. 10/08 White Copy - Lab Yellow Copy - File Pink Copy - Client F514/Earth.Sci

INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT

04/20/2004

APR 27 2004

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

Project Reference: NOW CORP., 55849.01
Lab Number: A4040801-01/06

Enclosed are results for sample(s) received 4/08/04 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 4/19/04.

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: 04/08/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:		A4040801-01		A4040801-02		A4040801-03		A4040801-04		A4040801-05	
Client Sample I.D.:		TW - 1VE 4/04		TW - 2AVE 4/04		ST - 1 4/04		PAS 4/04		SVE - EXH 4/04	
Date Sampled:		04/07/04		04/07/04		04/07/04		04/07/04		04/07/04	
Date Analyzed:		04/08/04		04/08/04		04/08/04		04/08/04		04/08/04	
QC Batch No:		040408MS2A1		040408MS2A1		040408MS2A1		040408MS2A1		040408MS2A1	
Analyst Initials:		SC		SC		SC		SC		SC	
Dilution Factor:		1.0		1.0		1.0		10		1.0	
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	1.3	1.0	2.2	1.0	1.5	1.0	ND	10	ND	1.0
Chloroethane	1.0	ND	1.0	2.4	1.0	1.1	1.0	ND	10	ND	1.0
1,1-Dichloroethene	1.0	13	1.0	21	1.0	14	1.0	21	10	ND	1.0
1,1-Dichloroethane	1.0	26	1.0	45	1.0	32	1.0	210	10	ND	1.0
c-1,2-Dichloroethene	1.0	3.5	1.0	6.0	1.0	4.4	1.0	18	10	ND	1.0
1,1,1-Trichloroethane	1.0	19	1.0	43	1.0	21	1.0	820	10	ND	1.0
Benzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	10	ND	1.0
1,2-Dichloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	10	ND	1.0
Trichloroethene	1.0	96	1.0	150	1.0	110	1.0	400	10	ND	1.0
Toluene	1.0	4.6	1.0	4.3	1.0	6.0	1.0	ND	10	5.2	1.0
1,1,2-Trichloroethane	1.0	ND	1.0	ND	1.0	ND	1.0	ND	10	ND	1.0
Tetrachloroethene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	10	ND	1.0
Chlorobenzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	10	ND	1.0
Ethylbenzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	10	ND	1.0
p,&m-Xylene	1.0	1.5	1.0	1.9	1.0	1.8	1.0	14	10	1.5	1.0
o-Xylene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	10	ND	1.0

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

Reviewed/Approved By: _____ **Date** 4-19-04
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: 04/08/04
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:	A4040801-06
Client Sample I.D.:	ST - 4 4/04
Date Sampled:	04/07/04
Date Analyzed:	04/08/04
QC Batch No:	040408MS2A1
Analyst Initials:	SC
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	ND	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	5.7	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	1.4	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 4-19-04

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 #: 040408MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	04/08/04		04/08/04		04/08/04						
Data File ID:	08APR006.D		08APR003.D		08APR004.D						
Analyst Initials:	SC		SC		SC						
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	9.0	90	9.2	92	2.7	70	130	30	Pass
Methylene Chloride	0.0	10.0	8.3	83	9.2	92	10.6	70	130	30	Pass
Trichloroethene	0.0	10.0	9.9	99	10.0	100	1.2	70	130	30	Pass
Toluene	0.0	10.0	9.0	90	9.2	92	2.2	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	10.7	107	11.1	111	3.8	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: Mark Johnson

Mark Johnson
Air Toxics Operations Manager

Date: 4-19-04

The cover letter is an integral part of this analytical report

Chain of Custody Record

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

Project Number	Project Name/Client	Custody Seal #	Rust E&I Cooler #
55849.01	Now Corp / EARTH TECH		

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 list)	Matrix: Sample Type: Air	Sample Container: Teflar Bags
1	TW-1UE 4/04	4/7/04	11:50	N/A	N/A			X — VA040801 01	X	2
2	TW-2AVE 4/04		11:45					02		
3	ST-1 4/04		11:40					03		
4	PAS 4/04		11:35					04		
5	SVE-EXH 4/04		11:30					05		
6	ST-4 4/04		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	4-7-04 12:00				
Relinquished by: (Signature) FED EX	Date / Time 4/8/04 0900	Received by: (Signature) MARCEO ATL	Disposed of by: (Signature)	Items:	Date / Time

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

Remarks: TAT: 10 Business Days
*Send enough Bags Back with cooler for next Samp. event
Federal Express Airbill No.:
Lab: c/o Roger Gray

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