

**Operation, Maintenance and Monitoring Report
May 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**

July 7, 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 – May 2004

Dear Mr. Hoffman:

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 28-day period (**May 4 – June 1, 2004**).

Telephone

518.951.2200

Facsimile

518.951.2300

The P&T and SVE systems were online and fully operational throughout the reporting period, with no downtime. Approximately 631,700 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 22,600 gallons per day (gpd). During the prior reporting period, the average discharge was 24,500 gpd.

As of the last day of the reporting period, a total of 39,415,300 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 May 20, 2004. Although a few chlorinated VOCs were detected in the effluent sample, 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). Sample PAS exhibited unusually low VOC concentrations in this sampling event. 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 two site visits during the reporting period to conduct the required system inspections, maintenance, monitoring well water-level measurements, and monthly sampling. Details follow:

May 20th – Monthly sampling and monitoring well water-level measurements, and bi-weekly system inspection. Our technicians also changed the oil in the vapor blower motor.



A **tyco** INTERNATIONAL LTD. COMPANY

Page 2
Mr. Carl Hoffman
NYSDEC

June 1st – Routine bi-weekly system inspection. Technicians pulled water-level transducer out of recovery well TW-3 for manufacturer repair/replacement. (While performing routine, daily remote monitoring of system operational parameters on May 29, I noted the TW-3 transducer output was showing “0.”) The discharge rate from recovery well TW-3 was adjusted downward to 2.0 gpm to minimize the possibility that the well would be pumped dry without transducer control. Technician also used “weed-whacker” to cut down vegetation near treatment plant building and some wells.

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

Analytes/ Parameters	Total Influent	Effluent	Recovery Wells			Effluent Limitations	
			TW-1	TW-2A	TW-3	(units)	
Quantity treated, per day		22,561				Monitor	gpd
pH	6.8	7.4	NA	NA	NA	6.5 to 8.5	standard units
Oil and Grease	<1.4	<1.4	NA	NA	NA	15	mg/L
Total Cyanide	<0.01	<0.01	NA	NA	NA	0.01	mg/L
TDS	240	240	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	0.018	0.018	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	0.067	0.068	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	0.022	0.02	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	0.115	0.101	NA	NA	NA	0.6	mg/L
Nickel	<0.001	0.001	NA	NA	NA	0.2	mg/L
Zinc	0.004	0.003	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	440	0.9	9.0	360	9.5	5	ug/L
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	80	1.0	110	120	16	5	ug/L
1,1-Dichloroethene	20	<0.5	13	29	<0.5	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	1.7	<0.5	1.9	2.7	<0.5	5	ug/L
cis-1,2-Dichloroethene	12	<0.5	4.5	22	<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	200	0.9	62	360	18	5	ug/L
Vinyl Chloride	1.3	<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 May 2004 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		6/1/2004	Units
<i>TW-1</i>			
Pumping Rate		3	GPM
Water Level Above Transducer		25.88	feet
Flow Meter Reading		1,439,800	gallons
Pump Pressure		73	psi
<i>TW-2A</i>			
Pumping Rate		13	GPM
Water Level Above Transducer		36.93	feet
Flow Meter Reading		4,599,900	gallons
Pump Pressure		13	psi
<i>TW-3</i>			
Pumping Rate		2	GPM
Water Level Above Transducer		na	feet
Flow Meter Reading		9,381,400	gallons
Pump Pressure		96	psi
<i>Air Stripper</i>			
Stripper Blower Pressure		17	inches H ₂ O
Air Temperature in Stripper		54	°F
Pressure Gauge - Left Leg		1.3	inches H ₂ O
Pressure Gauge - Right Leg		0.7	inches H ₂ O
Pressure/Vacuum on the Stripper		0	inches H ₂ O
<i>Effluent Flow</i>			
Total System Meter Reading		39,415,300	gallons
IW-1 Flow Meter Reading		25,944	gallons
IW-2 Flow Meter Reading		22,637	gallons
<i>Vapor Extraction System</i>			
Vapor Blower Vacuum		8.5	inches Hg
Vacuum before Filter with Dilution Air		9	inches Hg
Vacuum on Knock-out Pot		8.5	inches Hg
Blower Inlet Temperature		80	°F
Blower Outlet Temperature		209	°F
Pressure After Blower		40	psi
Heat Exchanger Outlet Temperature		80	°F

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

NW - Not working

Table 3
May 2004 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	5/20/2004	
		Depth to Water (Ft below MP)	GW Elevation
MW-1	289.50	15.16	274.34
MW-2	332.51	30.00	302.51
MW-3	312.83	29.45	283.38
MW-3S	312.51	26.22	286.29
MW-4	298.29	24.46	273.83
MW-4D	298.16	24.31	273.85
MW-5	285.48	19.66	265.82
MW-6S	287.90	11.33	276.57
MW-6D	287.25	12.58	274.67
MW-7S	292.12	31.60	260.52
MW-7D	292.54	66.00	226.54
OW-1	307.75	54.15	253.60
OW-2	305.96	71.72	234.24
OW-6	294.81	6.14	288.67
IW-1	312.46	8.79	303.67
IW-2	306.56	3.01	303.55
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: May 20, 2004

NOW Corporation Site
Town of Clinton, New York

Analyte	TW-1VE		VE-1VE		VE-2VE		TW-2AVE		ST-1		PAS		SVE-EXH		ST-4	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Vinyl Chloride	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,1-Dichloroethene	6.4	1.0	NS	NA	NS	NA	6.2	1.0	5.9	1.0	ND	1.0	1.5	1.0	ND	1.0
1,1-Dichloroethane	18.0	1.0	NS	NA	NS	NA	17.0	1.0	17.0	1.0	ND	1.0	ND	1.0	ND	1.0
cis-1,2-Dichloroethene	6.9	1.0	NS	NA	NS	NA	7.2	1.0	6.3	1.0	ND	1.0	ND	1.0	ND	1.0
1,1,1-Trichloroethane	25.0	1.0	NS	NA	NS	NA	24.0	1.0	31.0	1.0	ND	1.0	ND	1.0	ND	1.0
Benzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Trichloroethene	260	1.0	NS	NA	NS	NA	260	1.0	230	1.0	ND	1.0	ND	1.0	ND	1.0
Toluene	3.4	1.0	NS	NA	NS	NA	3.6	1.0	2.7	1.0	4.3	1.0	2.9	1.0	2.0	1.0
1,1,2-Trichloroethane	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Tetrachloroethene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chlorobenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	2.0	1.0	ND	1.0	ND	1.0
Ethylbenzene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
p&m-Xylene	1.1	1.0	NS	NA	NS	NA	ND	1.0	1.1	1.0	1.5	1.0	ND	1.0	ND	1.0
o-Xylene	ND	1.0	NS	NA	NS	NA	ND	1.0	ND	1.0	ND	1.0	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**



Tuesday, June 01, 2004

JUN 3 - 2004

Earthtech
40 British American Blvd
Latham NY 12110

Attention: Mr Steve Choiniere

Sample ID#: AF57241-57246

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,

A handwritten signature in cursive script that reads "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



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

Analysis Report

June 01, 2004

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

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#: 55849.01

Custody Information

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

Date

05/20/04
05/21/04

Time

12:25
10:45

Laboratory Data

SDG I.D.: GAF57241
Phoenix I.D.: AF57241

Client ID: NOW CORP EFFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.018	0.01	mg/L	05/25/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	05/25/04		EK	200.7/6010
Barium	0.068	0.002	mg/L	05/25/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	05/25/04		EK	200.7/6010
Copper	BDL	0.001	mg/L	05/25/04		EK	6010/E200.7
Iron	0.02	0.002	mg/L	05/25/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	05/24/04		RS	7470/E245.1
Manganese	0.101	0.001	mg/L	05/25/04		EK	200.7/6010
Nickel	0.001	0.001	mg/L	05/25/04		EK	200.7/6010
Zinc	0.003	0.002	mg/L	05/25/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	05/25/04		GAD	EPA 1664
Total Cyanide	BDL	0.01	mg/L	05/26/04		TR	9010/335.3
Tot. Diss. Solids	240	10	mg/L	05/24/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	05/24/04		CF	SM2540D
Mercury Digestion	Completed			05/24/04		DM	E245.1
Total Metals Digestion	Completed			05/21/04		AG	

Volatiles

1,1,1-Trichloroethane	0.9	0.5	ug/L	05/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethane	1.0	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	05/21/04		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	05/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
p&m-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	05/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Trichloroethene	0.9	0.5	ug/L	05/21/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	05/21/04		RM	SW8260
QA/QC Surrogates							
%4-Bromofluorobenzene (Surrogate)	92		%	05/21/04		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

June 01, 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

June 01, 2004

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

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#: 55849.01

Custody Information

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

Date

05/20/04 12:50
05/21/04 10:45

Time

SDG I.D.: GAF57241

Phoenix I.D.: AF57242

Laboratory Data

Client ID: NOW CORP INFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.018	0.01	mg/L	05/25/04		EK	200.7/6010
Arsenic	BDL	0.004	mg/L	05/25/04		EK	200.7/6010
Barium	0.067	0.002	mg/L	05/25/04		EK	6010/E200.7
Chromium	BDL	0.001	mg/L	05/25/04		EK	200.7/6010
Copper	BDL	0.001	mg/L	05/25/04		EK	6010/E200.7
Iron	0.022	0.002	mg/L	05/25/04		EK	6010/E200.7
Mercury	BDL	0.0002	mg/L	05/24/04		RS	7470/E245.1
Manganese	0.115	0.001	mg/L	05/25/04		EK	200.7/6010
Nickel	BDL	0.001	mg/L	05/25/04		EK	200.7/6010
Zinc	0.004	0.002	mg/L	05/25/04		EK	200.7/6010
Oil and Grease by EPA 1664	BDL	1.4	mg/L	05/25/04		GAD	EPA 1664
Total Cyanide	BDL	0.01	mg/L	05/26/04		TR	9010/335.3
Tot. Diss. Solids	240	10	mg/L	05/24/04		CF	SM2540C
Total Suspended Solids	BDL	5	mg/L	05/24/04		CF	SM2540D
Mercury Digestion	Completed			05/24/04		DM	E245.1
Total Metals Digestion	Completed			05/21/04		AG	

Volatiles

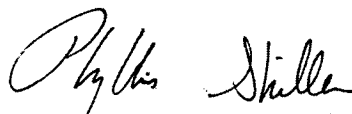
1,1,1-Trichloroethane	440	10	ug/L	05/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethane	80	10	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethene	20	0.5	ug/L	05/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	05/21/04		RM	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	1.7	0.5	ug/L	05/21/04		RM	SW8260
cis-1,2-Dichloroethene	12	0.5	ug/L	05/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	05/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
p&m-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	05/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Trichloroethene	200	10	ug/L	05/21/04		RM	SW8260
Vinyl chloride	1.3	0.5	ug/L	05/21/04		RM	SW8260
QA/QC Surrogates							
%4-Bromofluorobenzene (Surrogate)	93		%	05/21/04		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

June 01, 2004



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

Analysis Report

June 01, 2004

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

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#: 55849.01

Custody Information

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

Date

05/20/04
05/21/04

Time

12:55
10:45

SDG I.D.: GAF57241

Phoenix I.D.: AF57243

Laboratory Data

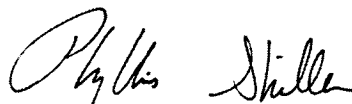
Client ID: NOW CORP TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	9.0	0.5	ug/L	05/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethane	110	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethene	13	0.5	ug/L	05/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chloroethane	1.9	0.5	ug/L	05/21/04		RM	SW8260
cis-1,2-Dichloroethene	4.5	0.5	ug/L	05/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	05/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
p&m-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	05/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Trichloroethene	62	0.5	ug/L	05/21/04		RM	SW8260
Vinyl chloride	0.8	0.5	ug/L	05/21/04		RM	SW8260
<u>QA/QC Surrogates</u>							
%4-Bromofluorobenzene (Surrogate)	94		%	05/21/04		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.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" and the last name "Shiller" clearly distinguishable.

Phyllis Shiller, Laboratory Director

June 01, 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

June 01, 2004

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

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#: 55849.01

Custody Information

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

Date

05/20/04
05/21/04

Time

13:00
10:45

SDG I.D.: GAF57241

Phoenix I.D.: AF57244

Laboratory Data

Client ID: NOW CORP TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	360	20	ug/L	05/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethane	120	20	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethene	29	0.5	ug/L	05/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chloroethane	2.7	0.5	ug/L	05/21/04		RM	SW8260
cis-1,2-Dichloroethene	22	0.5	ug/L	05/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	05/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
p&m-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	05/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Trichloroethene	360	20	ug/L	05/21/04		RM	SW8260
Vinyl chloride	2.3	0.5	ug/L	05/21/04		RM	SW8260
<u>QA/QC Surrogates</u>							
%4-Bromofluorobenzene (Surrogate)	93		%	05/21/04		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.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" and the last name "Shiller" clearly distinguishable.

Phyllis Shiller, Laboratory Director

June 01, 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

June 01, 2004

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

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#: 55849.01

Custody Information

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

Date

05/20/04 13:05
05/21/04 10:45

Time

SDG I.D.: GAF57241

Phoenix I.D.: AF57245

Laboratory Data

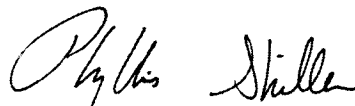
Client ID: NOW CORP TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	9.5	0.5	ug/L	05/25/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	05/25/04		RM	SW8260
1,1-Dichloroethane	16	0.5	ug/L	05/25/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	05/25/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	05/25/04		RM	SW8260
Benzene	ND	0.5	ug/L	05/25/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	05/25/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	05/25/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	05/25/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	05/25/04		RM	SW8260
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	05/25/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	05/25/04		RM	SW8260
p&m-Xylene	ND	0.5	ug/L	05/25/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	05/25/04		RM	SW8260
Toluene	ND	0.5	ug/L	05/25/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/25/04		RM	SW8260
Trichloroethene	18	0.5	ug/L	05/25/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	05/25/04		RM	SW8260
<u>QA/QC Surrogates</u>							
%4-Bromofluorobenzene (Surrogate)	90		%	05/25/04		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.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" written in a larger, more prominent script than the last name "Shiller".

Phyllis Shiller, Laboratory Director
June 01, 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

June 01, 2004

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

Sample Information

Matrix: WATER
Location Code: EARTH-NY
Rush Request:
P.O.#: 55849.01

Custody Information

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

Date

05/20/04
05/21/04

Time

0:00
10:45

SDG I.D.: GAF57241

Phoenix I.D.: AF57246

Laboratory Data

Client ID: NOW CORP TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1-Trichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
Benzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Chloroethane	ND	0.5	ug/L	05/21/04		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	05/21/04		RM	SW8260
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	05/21/04		RM	SW8260
o-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
p&m-Xylene	ND	0.5	ug/L	05/21/04		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Toluene	ND	0.5	ug/L	05/21/04		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Trichloroethene	ND	0.5	ug/L	05/21/04		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	05/21/04		RM	SW8260
<u>QA/QC Surrogates</u>							
%4-Bromofluorobenzene (Surrogate)	93		%	05/21/04		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.

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" and last name "Shiller" clearly distinguishable.

Phyllis Shiller, Laboratory Director

June 01, 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

June 01, 2004

QA/QC Data

SDG I.D.: GAF57241

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
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QA/QC Batch Sample No: AF57042 (AF57241, AF57242)

ICP Metals - Aqueous

Aluminum	BDL	104	0.5	103	102	1.0
Antimony	BDL	108	NC	109	108	0.9
Arsenic	BDL	105	NC	106	106	0.0
Barium	BDL	109	NC	110	110	0.0
Beryllium	BDL	107	NC	108	108	0.0
Boron	BDL		1.20			
Cadmium	BDL	109	NC	109	109	0.0
Calcium	BDL		1.00			
Chromium	BDL	108	NC	109	109	0.0
Cobalt	BDL	108	NC	108	108	0.0
Copper	BDL	110	NC	112	111	0.9
Iron	BDL	110	6.80	110	109	0.9
Lead	BDL	107	NC	109	107	1.9
Magnesium	BDL		1.00			
Manganese	BDL	109	0.7	110	110	0.0
Molybdenum	BDL		NC			
Nickel	BDL	108	NC	108	108	0.0
Phosphorus	BDL		NC			
Selenium	BDL	105	NC	106	106	0.0
Silver	BDL	110	NC	111	111	0.0
Thallium	BDL	106	NC	106	107	0.9
Tin	BDL		NC			
Vanadium	BDL	106	NC	106	106	0.0
Zinc	BDL	105	NC	105	105	0.0

QA/QC Batch Sample No: AF57043 (AF57241, AF57242)

Lead Analysis by Furnace	BDL	104	NC	100		NC
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QA/QC Batch Sample No: AF57390 (AF57241, AF57242)

Mercury	BDL	99	NC	89	88	1.1
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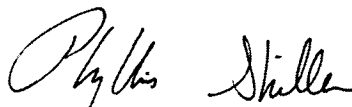
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

A handwritten signature in black ink, appearing to read "Phyllis Shiller". The signature is fluid and cursive, with the first name "Phyllis" written in a larger, more prominent script than the last name "Shiller".

Phyllis Shiller, Laboratory Director

June 01, 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

June 01, 2004

QA/QC Data

SDG I.D.: GAF57241

Parameter	Blank	LCS Rec %	MS Rec %	RPD
QA/QC Batch Sample No: AF57033 (AF57241, AF57242)				
Oil and Grease by EPA 1664	BDL	98.0		NR
QA/QC Batch Sample No: AF57241 (AF57241, AF57242)				
Tot. Diss. Solids	BDL	98	NR	0.0
QA/QC Batch Sample No: AF57241 (AF57241, AF57242)				
Total Cyanide	BDL	117	93.3	NC
QA/QC Batch Sample No: AF57241 (AF57241, AF57242)				
Total Suspended Solids	BDL	116	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

June 01, 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

June 01, 2004

QA/QC Data

SDG I.D.: GAF57241

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
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QA/QC Batch Sample No: AF57547 (AF57241, AF57242, AF57243, AF57244)

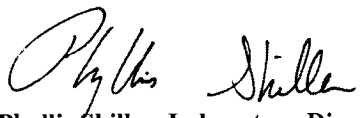
Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	99			
1,1,1-Trichloroethane	ND	115			
1,1,2,2-Tetrachloroethane	ND	110			
1,1,2-Trichloroethane	ND	101			
1,1-Dichloroethane	ND	116			
1,1-Dichloroethene	ND	105	117	112	4.4
1,1-Dichloropropene	ND	101			
1,2,3-Trichlorobenzene	ND	98			
1,2,3-Trichloropropane	ND	103			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	100			
1,2,4-Trimethylbenzene	ND	95			
1,2-Dibromo-3-chloropropane	ND	96			
1,2-Dichlorobenzene	ND	99			
1,2-Dichloroethane	ND	111			
1,2-Dichloropropane	ND	112			
1,3,5-Trimethylbenzene	ND	98			
1,3-Dichlorobenzene	ND	99			
1,3-Dichloropropane	ND	112			
1,4-Dichlorobenzene	ND	99			
2,2-Dichloropropane	ND	128			
2-Chlorotoluene	ND	95			
4-Chlorotoluene	ND	99			
Benzene	ND	105	115	113	1.8
Bromobenzene	ND	106			
Bromochloromethane	ND	105			
Bromodichloromethane	ND	104			
Bromoform	ND	102			
Bromomethane	ND				
Carbon Tetrachloride	ND	102			
Chlorobenzene	ND	97	98	101	3.0
Chloroethane	ND				

QA/QC Data

SDG I.D.: GAF57241

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	119			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	111			
cis-1,3-Dichloropropene	ND	106			
Dibromochloromethane	ND	98			
Dibromoethane	ND	94			
Dibromomethane	ND	106			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	94			
Hexachlorobutadiene	ND	103			
Isopropylbenzene	ND	107			
m&p-Xylene	ND	97			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	117			
n-Butylbenzene	ND	100			
n-Propylbenzene	ND	101			
Naphthalene	ND	84			
o-Xylene	ND	101			
p-Isopropyltoluene	ND	99			
sec-Butylbenzene	ND	96			
Styrene	ND	101			
tert-Butylbenzene	ND	94			
Tetrachloroethene	ND	103			
Toluene	ND	101	106	105	0.9
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	105			
trans-1,3-Dichloropropene	ND	100			
Trichloroethene	ND	97	105	97	7.9
Trichlorofluoromethane	ND	116			
Vinyl Chloride	ND				
% Bromofluorobenzene	95	102	91	93	2.2

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
June 01, 2004



A **tyco** INTERNATIONAL LTD. COMPANY

Project Number 55849.01		Project Name/Client New Corp.		Earth Tech Cooler #		Custody Seal #		Analysis Required		Sample Type		Sample Container	
Item No.	Sample Description (Field ID Number)	Date	Time	Grab	PID Reading (ppm)	Label Number	MS. G.R. GC	FE. M. H.C.	TDS. TSS	CAN. DE			
1	EFF.	5/24	12:05	X			X	X					
2		5/24	12:10			57241							
3		5/24	12:15						X				
4		5/24	12:20							X			
5		5/24	12:25										
6	INF.	5/24	12:30			57243	X	X					
7		5/24	12:35										
8		5/24	12:40				X	X					
9		5/24	12:45						X				
10		5/24	12:50							X			
11	TW-1	5/24	12:55			57243	X						
12	TW-2A	5/24	1:00			57244	X						
13	TW-3	5/24	1:05			57245	X						
14	TRIP BLANK	5/24				57246	X						
15													
16													
17													
18													

Relinquished by: (Signature) <i>Roger Gray</i>	Date / Time 5/24/10 1:00	Received by: (Signature) <i>Walt D. Rock</i>	Disposed of by: (Signature)	Items:	Date / Time 5/20/10 1:15
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time

Send Lab Results To: STEVE CHEMINIERE EARTH TECH 40 BRITISH AMERICAN BLVD. LATHAM, N.Y. 12110	Check Delivery Method: ☐ Samples delivered in person ☐ Common carrier	Laboratory Receiving Notes: Custody Seal Intact? Temp. of Shipping Container: Sample Condition:
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**INFLUENT & EFFLUENT AIR
ANALYTICAL REPORT**

06/02/2004

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

Project Reference: NOW Corp., 55849.01
Lab Number: A4052101-01/06

Enclosed are results for sample(s) received 5/21/04 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

Sample analyses were performed within method performance criteria.
All results are reported without qualifications.

Results were faxed to Steve Choiniere on 6/02/04.

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: 05/21/04
Matrix: Air
Units: ppbv

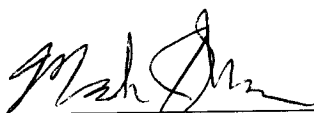
EPA Method TO14											
Lab No:	A4052101-01		A4052101-02		A4052101-03		A4052101-04		A4052101-05		
Client Sample I.D.:	TW-1VE 5/04		TW-2AVE 5/04		ST-1 5/04		PAS 5/04		SVE-EXH 5/04		
Date Sampled:	05/20/04		05/20/04		05/20/04		05/20/04		05/20/04		
Date Analyzed:	05/21/04		05/21/04		05/21/04		05/21/04		05/21/04		
QC Batch No:	040521MS2A1		040521MS2A1		040521MS2A1		040521MS2A1		040521MS2A1		
Analyst Initials:	SC		SC		SC		SC		SC		
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	6.4	1.0	6.2	1.0	5.9	1.0	ND	1.0	1.5	1.0
1,1-Dichloroethane	1.0	18	1.0	17	1.0	17	1.0	ND	1.0	ND	1.0
c-1,2-Dichloroethene	1.0	6.9	1.0	7.2	1.0	6.3	1.0	ND	1.0	ND	1.0
1,1,1-Trichloroethane	1.0	25	1.0	24	1.0	31	1.0	ND	1.0	ND	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	260	1.0	260	1.0	230	1.0	ND	1.0	ND	1.0
Toluene	1.0	3.4	1.0	3.6	1.0	2.7	1.0	4.3	1.0	2.9	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	2.0	1.0	ND	1.0
Ethylbenzene	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0
p,&m-Xylene	1.0	1.1	1.0	ND	1.0	1.1	1.0	1.5	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:



Mark Johnson
Air Toxics Operations Manager

Date 6-2-04

The cover letter is an integral part of this analytical report



Client: EarthTech
Attn: Steve Choiniere

Page1 of 1

Client's Project: NOW CORP., 55849.01
Date Received: 05/21/04
Matrix: Air
Units: ppbv

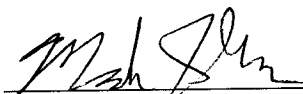
EPA Method TO14									
Lab No:	A4052101-06								
Client Sample I.D.:	ST-4 5/04								
Date Sampled:	05/20/04								
Date Analyzed:	05/21/04								
QC Batch No:	040521MS2A1								
Analyst Initials:	SC								
Dilution Factor:	1.0								
ANALYTE	PQL	Result	RL						
Vinyl Chloride	1.0	ND	1.0						
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	2.0	1.0						
1,1,2-Trichloroethane	1.0	ND	1.0						
Tetrachloroethene	1.0	ND	1.0						
Chlorobenzene	1.0	ND	1.0						
Ethylbenzene	1.0	ND	1.0						
p,&m-Xylene	1.0	ND	1.0						
o-Xylene	1.0	ND	1.0						

PQL = Practical Quantitation Limit

ND= Not Detected (below RL)

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Mark Johnson
Air Toxics Operations Manager

Date 6-2-04

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LCS/LCSD Recovery and RPD Summary Report

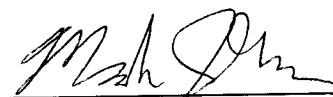
QC Batch #: 040521MS2A1

Matrix: Air

EPA Method TO-14/TO-15											
Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	05/21/04		05/21/04		05/21/04						
Data File ID:	21MAY005.D		21MAY003.D		21MAY004.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	10.0	100	10.6	106	6.6	70	130	30	Pass
Methylene Chloride	0.0	10.0	8.1	81	8.1	81	1.0	70	130	30	Pass
Trichloroethene	0.0	10.0	10.9	109	10.7	107	1.8	70	130	30	Pass
Toluene	0.0	10.0	10.2	102	10.2	102	0.0	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	12.0	120	11.8	118	1.7	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By:



Mark Johnson

Air Toxics Operations Manager

Date:

6-2-04

The cover letter is an integral part of this analytical report





EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

Project Number 55849.01		Project Name/Client New CORP.		Earth Tech Cooler #		Custody Seal #		Analysis Required		Matrix		Sample Container			
Sample Custodian: (Signature) <i>Steve Choiniere</i>		Sample Description (Field ID Number)		Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	COOLANT TYPE	ANALYTE LIST PER (2/12/98 BID LIST)	Sample Type	Sample Container		
1	TW-IVE	5/04		12:40	MA				01	X		AIR			
2	VE-IVE	5/04													
3	VE-2VE	5/04													
4	TW-2AVE	5/04		12:45					02	X					
5	ST-1	5/04		12:35					03	X					
6	PAS	5/04		12:30					04	X					
7	SVE-EXH.	5/04		12:20					05	X					
8	ST-4	5/04		12:25					06	X					
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
Relinquished by: (Signature) <i>Steve Choiniere</i>		Date / Time 5/04/1:00		Received by: (Signature) FED EX		Disposed of by: (Signature)		Items:		Date / Time		Date / Time			
Relinquished by: (Signature) FED EX		Date / Time 5/24/09		Received by: (Signature) CLC-C-D		Disposed of by: (Signature)		Items:		Date / Time		Date / Time			
Send Lab Results To: STEVE CHOINIERE EARTH TECH 40 BRITISH AMERICAN BLVD. LATHAM, N.Y. 12110				Check Delivery Method: ☐ Samples delivered in person ☒ Common carrier				Laboratory Receiving Notes: Custody Seal Intact? YES Temp. of Shipping Container: Sample Condition: OK							