Operation, Maintenance and Monitoring Report
September 2005

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

EarthTech
A Tyco International Ltd. Company

40 British American Boulevard
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October 27, 2005

Mr. Carl Hoffman, P.E.
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" 2005

Dear Mr. Hoffman:

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 31-day period (**September 6 – October 7, 2005**).

With the exceptions noted below, the P&T and SVE systems were online and operational throughout the reporting period. Approximately 205,500 gallons of water were treated during the period. Discharge from the treatment system averaged approximately 6,600 gallons per day (gpd). During the prior reporting period, the average discharge was 7,900 gpd.

As of the last day of the reporting period, a total of 47,751,900 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 20, 2005. 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, perform scheduled and/or unscheduled maintenance, make monitoring-well water-level measurements, and conduct monthly sampling. Details follow:

September 20th - Routine bi-weekly system inspection, monthly sampling, and monitoring-well water-level measurements. Technicians changed air filters and the oil in the vapor blower motor, and oiled the heat-exchanger fan motor and the exhaust fan motor. The pump in well TW-3 was run manually in order to purge the discharge line so a representative influent sample could be collected from that well, then it was shut down.

October 7th - Routine bi-weekly system inspection and monitoring-well water-level measurements. As previously reported, on August 16th, technicians removed the damaged controller for recovery well TW-3. Today, with the assistance of Tom Kelly (Pendragon Technology Consulting), a new Red Lion controller was

installed and calibrated for the well, which was later put back on-line. Tom also checked and tightened all connections in the PLC panel. Technicians noted that the vapor blower motor was leaking oil from the casing seam – a recurring problem. They topped up the oil to the "full" mark. Techs also had to reduce air flow into the stripper because of pressure buildup. Although the stripper was cleaned on August 2nd, indications are it needs to be cleaned again. Normally we clean it every 8 months or so.

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 Choiniere

Stephen R. Choiniere
Project Manager

Attachments

TABLES

Table 1
Summary of Influent and Effluent Data
Sampling Date: September 20, 2005
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		6,629				Monitor	gpd
pH	6.9	7.0	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	**360**	**340**	NA	NA	NA	1000	mg/L
TSS	<5	<5	NA	NA	NA	50	mg/L
Aluminum, Total	**0.283**	**0.263**	NA	NA	NA	2	mg/L
Arsenic, Total	<0.004	<0.004	NA	NA	NA	0.05	mg/L
Barium, Total	**0.096**	**0.095**	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	**0.04**	**0.019**	NA	NA	NA	0.6	mg/L
Mercury	<0.0002	<0.0002	NA	NA	NA	0.0008	mg/L
Manganese	**0.439**	**0.084**	NA	NA	NA	0.6	mg/L
Nickel	<0.002	<0.002	NA	NA	NA	0.2	mg/L
Zinc	**0.003**	**0.003**	NA	NA	NA	0.15	mg/L
1,1,1-Trichloroethane	**1200**	<0.5	**2.4**	**1100**	**18**	5	ug/L
1,1,2-Trichloroethane	<5	<0.5	<0.5	<0.5	<0.5	1.2	ug/L
1,1-Dichloroethane	**240**	<0.5	**110**	**320**	**12**	5	ug/L
1,1-Dichloroethene	**15**	<0.5	**12**	**20**	**1.1**	0.5	ug/L
1,2-Dichloroethane	<5	<0.5	<0.5	<0.5	<0.5	1.6	ug/L
Benzene	<5	<0.5	<0.5	<0.5	<0.5	0.8	ug/L
Chlorobenzene	<5	<0.5	<0.5	<0.5	<0.5	5	ug/L
Chloroethane	<5	<0.5	**4.5**	**1.9**	<0.5	5	ug/L
cis-1,2-Dichloroethene	**13**	<0.5	**2**	**18**	<0.5	5	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	10	ug/L
Tetrachloroethene	<5	<0.5	<0.5	<0.5	<0.5	1.4	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	5	ug/L
Trichloroethene	**370**	<0.5	**43**	**560**	**8.2**	5	ug/L
Vinyl Chloride	<5	<0.5	<0.5	**1**	<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" 2005 O&M Data

NOW Corporation Site
Town of Clinton, New York

Instrumentation/Readings:		10/7/2005	Units
TW-1			
	Pumping Rate	2	GPM
	Water Level Above Transducer	26.25	feet
	Flow Meter Reading	3,056,200	gallons
	Pump Pressure	80	psi
TW-2A			
	Pumping Rate	6	GPM
	Water Level Above Transducer	19.20	feet
	Flow Meter Reading	2,288,600	gallons
	Pump Pressure	46	psi
TW-3			
	Pumping Rate	4	GPM
	Water Level Above Transducer	28.66	feet
	Flow Meter Reading	1,394,600	gallons
	Pump Pressure	67	psi
Air Stripper			
	Stripper Blower Pressure	25	inches H_2O
	Air Temperature in Stripper	56	°F
	Pressure Gauge - Left Leg	0.5	inches H_2O
	Pressure Gauge - Right Leg	0.8	inches H_2O
	Pressure/Vacuum on the Stripper	-	inches H_2O
Effluent Flow			
	Total System Meter Reading	47,751,900	gallons
	IW-1 Flow Meter Reading	-	gallons
	IW-2 Flow Meter Reading	-	gallons
Vapor Extraction System			
	Vapor Blower Vacuum	7.0	inches Hg
	Vacuum before Filter with Dilution Air	6.5	inches Hg
	Vacuum on Knock-out Pot	11.0	inches Hg
	Blower Inlet Temperature	80	°F
	Blower Outlet Temperature	188	°F
	Pressure After Blower	54	psi
	Heat Exchanger Outlet Temperature	80	°F

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

Table 3
September 2005 Groundwater Levels

NOW Corporation Site
Town of Clinton, New York

Well ID	MP Elevation	9/20/2005 Depth to Water (Ft below MP)	9/20/2005 GW Elevation
MW-1	289.50	22.52	266.98
MW-2	332.51	39.00	293.51
MW-3	312.83	40.01	272.82
MW-3S	312.51	35.47	277.04
MW-4	298.29	29.87	268.42
MW-4D	298.16	29.61	268.55
MW-5	285.48	21.00	264.48
MW-6S	287.90	23.80	264.10
MW-6D	287.25	19.84	267.41
MW-7S	292.12	32.20	259.92
MW-7D	292.54	77.24	215.30
OW-1	307.75	62.72	245.03
OW-2	305.96	71.82	234.14
OW-6	294.81	23.31	271.50
IW-1	312.46	45.81	266.65
IW-2	306.56	47.30	259.26
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 20, 2005

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	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	**1.1**	1.0	**1.4**	1.0
Chloroethane	ND	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0
1,1-Dichloroethene	**9.5**	1.3	NS	NA	NS	NA	**9.8**	1.3	**11**	1.4	**12**	2.5	**12**	1.0	**4.2**	1.0
1,1-Dichloroethane	**36**	1.3	NS	NA	NS	NA	**37**	1.3	**41**	1.4	**200**	2.5	**23**	1.0	**13**	1.0
cis-1,2-Dichloroethene	**9.0**	1.3	NS	NA	NS	NA	**9.2**	1.3	**10**	1.4	**10**	2.5	**7.5**	1.0	**8.0**	1.0
1,1,1-Trichloroethane	**100**	1.3	NS	NA	NS	NA	**100**	1.3	**110**	1.4	**490**	10	**38**	1.0	**5.0**	1.0
Benzene	ND	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0
1,2-Dichloroethane	ND	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0
Trichloroethene	**240**	1.3	NS	NA	NS	NA	**240**	1.3	**270**	1.4	**190**	2.5	**20**	1.0	ND	1.0
Toluene	**28**	1.3	NS	NA	NS	NA	**10**	1.3	**14**	1.4	**16**	2.5	**15**	1.0	**11**	1.0
1,1,2-Trichloroethane	ND	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0
Tetrachloroethene	ND	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0
Chlorobenzene	ND	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0
Ethylbenzene	**1.4**	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0
p&m -Xylene	**3.3**	1.3	NS	NA	NS	NA	**2.7**	1.3	**2.6**	1.4	**2.8**	2.5	**2.5**	1.0	**1.9**	1.0
o-Xylene	ND	1.3	NS	NA	NS	NA	ND	1.3	ND	1.4	ND	2.5	ND	1.0	ND	1.0

Notes:

1) All results are reported in ppbv.
2) Positive results are presented in ***bold*** *typeface.*
3) ND indicates analyte was not detected at stated RL.
4) RL = reporting limit
5) NS = not sampled
6) NA = not applicable
7) D = Result reported from secondary dilution

Sample IDs:

TW-1VE = Well TW-1 Dual-Phase Vapor Extraction
TW-2AVE = Well TW-2A Dual-Phase Vapor Extraction
VE-1VE = Well VE-1 Vapor Extraction (offline)
VE-2VE = Well VE-2 Vapor Extraction (offline)
ST-1 = Sampling Tap #1 (Raw; Four Vapor Extraction Wells Combined)
SVE-EXH = Intermediate Sampling Tap, Between (2) 55-gal. drum carbon adsorbers
ST-4 = Sampling Tap #4 (Final, After 2nd Carbon Adsorber)
PAS = Air-stripper stack emissions

INFLUENT & EFFLUENT WATER ANALYTICAL REPORT

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

Analysis Report

October 07, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	09/20/05	10:35
Location Code:	EARTH-NY	Received by:	LB	09/21/05	14:28
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG70437
Phoenix I.D.: AG70437

Laboratory Data

Client ID: 55849-01 EFFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.263	0.01	mg/L	09/22/05		EK	200.7/6010
Arsenic	< 0.004	0.004	mg/L	09/22/05		EK	200.7/6010
Barium	0.095	0.002	mg/L	09/22/05		EKT	6010/E200.7
Chromium	< 0.001	0.001	mg/L	09/22/05		EKT	200.7/6010
Copper	< 0.001	0.001	mg/L	09/22/05		EKT	6010/E200.7
Iron	0.019	0.002	mg/L	09/26/05		EKT	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	09/23/05		RS	7470/E245.1
Manganese	0.084	0.001	mg/L	09/22/05		EKT	200.7/6010
Nickel	< 0.002	0.002	mg/L	09/22/05		EKT	200.7/6010
Zinc	0.003	0.002	mg/L	09/22/05		EK	200.7/6010
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	09/26/05		K/E	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	09/21/05		M/G	9010/335.3
Tot. Diss. Solids	340	10	mg/L	09/22/05		KL	SM2540C
Total Suspended Solids	< 5	5	mg/L	09/22/05		KL	SM2540D
Mercury Digestion	Completed			09/22/05		E	E245.1
Total Metals Digestion	Completed			09/23/05		AG	
Volatiles							
1,1,1-Trichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
Benzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/21/05		RM	SW8260

Client ID: 55849-01 EFFLUENT

Phoenix I.D.: AG70437

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/21/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Toluene	ND	0.5	ug/L	09/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	09/21/05		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	87		%	09/21/05		RM	SW8260

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

TCN matrix interferance observed.

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

Phyllis Shiller, Laboratory Director
October 07, 2005

PHOENIX

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

Analysis Report

October 07, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	09/20/05	11:05
Location Code:	EARTH-NY	Received by:	LB	09/21/05	14:28
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG70437
Phoenix I.D.: AG70438

Laboratory Data

Client ID: 55849-01 INFLUENT

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.283	0.01	mg/L	09/22/05		EK	200.7/6010
Arsenic	< 0.004	0.004	mg/L	09/22/05		EK	200.7/6010
Barium	0.096	0.002	mg/L	09/22/05		EKT	6010/E200.7
Chromium	< 0.001	0.001	mg/L	09/22/05		EKT	200.7/6010
Copper	< 0.001	0.001	mg/L	09/22/05		EKT	6010/E200.7
Iron	0.04	0.002	mg/L	09/26/05		EKT	6010/E200.7
Mercury	< 0.0002	0.0002	mg/L	09/23/05		RS	7470/E245.1
Manganese	0.439	0.001	mg/L	09/22/05		EKT	200.7/6010
Nickel	< 0.002	0.002	mg/L	09/22/05		EKT	200.7/6010
Zinc	0.003	0.002	mg/L	09/22/05		EK	200.7/6010
Oil and Grease by EPA 1664	< 1.4	1.4	mg/L	09/26/05		K/E	EPA 1664
Total Cyanide	< 0.01	0.01	mg/L	09/21/05		M/G	9010/335.3
Tot. Diss. Solids	360	10	mg/L	09/22/05		KL	SM2540C
Total Suspended Solids	< 5	5	mg/L	09/22/05		KL	SM2540D
Mercury Digestion	Completed			09/22/05		E	E245.1
Total Metals Digestion	Completed			09/23/05		AG	
Volatiles							
1,1,1-Trichloroethane	1200	25	ug/L	09/22/05		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	09/22/05		RM	SW8260
1,1-Dichloroethane	240	5	ug/L	09/22/05		RM	SW8260
1,1-Dichloroethene	15	5	ug/L	09/22/05		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	09/22/05		RM	SW8260
Benzene	ND	5	ug/L	09/22/05		RM	SW8260
Chlorobenzene	ND	5	ug/L	09/22/05		RM	SW8260

Client ID: 55849-01 INFLUENT

Phoenix I.D.: AG70438

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloroethane	ND	5	ug/L	09/22/05		RM	SW8260
cis-1,2-Dichloroethene	13	5	ug/L	09/22/05		RM	SW8260
Ethylbenzene	ND	5	ug/L	09/22/05		RM	SW8260
m&p-Xylene	ND	5	ug/L	09/22/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	09/22/05		RM	SW8260
o-Xylene	ND	5	ug/L	09/22/05		RM	SW8260
Tetrachloroethene	ND	5	ug/L	09/22/05		RM	SW8260
Toluene	ND	5	ug/L	09/22/05		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	09/22/05		RM	SW8260
Trichloroethene	370	5	ug/L	09/22/05		RM	SW8260
Vinyl chloride	ND	5	ug/L	09/22/05		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	87		%	09/22/05		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
October 07, 2005

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Analysis Report

October 07, 2005

FOR: Attn: Mr. Steve Choinere
EarthTech Inc.
40 British American Boulevard
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Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	09/20/05	11:15
Location Code:	EARTH-NY	Received by:	LB	09/21/05	14:28
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG70437
Phoenix I.D.: AG70439

Laboratory Data

Client ID: 55849-01 TW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	2.4	0.5	ug/L	09/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethane	110	2.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethene	12	0.5	ug/L	09/21/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
Benzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chloroethane	4.5	0.5	ug/L	09/21/05		RM	SW8260
cis-1,2-Dichloroethene	2	0.5	ug/L	09/21/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/21/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Toluene	ND	0.5	ug/L	09/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Trichloroethene	43	0.5	ug/L	09/21/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	09/21/05		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	87		%	09/21/05		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
October 07, 2005

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

Analysis Report

October 07, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	09/20/05	11:20
Location Code:	EARTH-NY	Received by:	LB	09/21/05	14:28
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG70437
Phoenix I.D.: AG70440

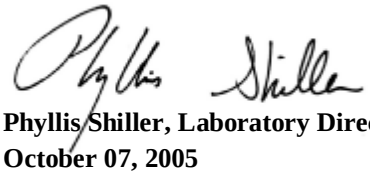
Laboratory Data

Client ID: 55849-01 TW-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	1100	10	ug/L	09/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethane	320	10.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethene	20	0.5	ug/L	09/21/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
Benzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chloroethane	1.9	0.5	ug/L	09/21/05		RM	SW8260
cis-1,2-Dichloroethene	18	0.5	ug/L	09/21/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/21/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Toluene	ND	0.5	ug/L	09/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Trichloroethene	560	10	ug/L	09/21/05		RM	SW8260
Vinyl chloride	1	0.5	ug/L	09/21/05		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	85		%	09/21/05		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
October 07, 2005

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

Analysis Report

October 07, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	09/20/05	11:25
Location Code:	EARTH-NY	Received by:	LB	09/21/05	14:28
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG70437
Phoenix I.D.: AG70441

Laboratory Data

Client ID: 55849-01 TW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	18	0.5	ug/L	09/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethane	12	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethene	1.1	0.5	ug/L	09/21/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
Benzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/21/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Toluene	ND	0.5	ug/L	09/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Trichloroethene	8.2	0.5	ug/L	09/21/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	09/21/05		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	87		%	09/21/05		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
October 07, 2005

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

Analysis Report

October 07, 2005

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	SG	09/20/05	0:00
Location Code:	EARTH-NY	Received by:	LB	09/21/05	14:28
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG70437
Phoenix I.D.: AG70442

Laboratory Data

Client ID: 55849-01 TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1-Trichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
1,1-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
1,2-Dichloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
Benzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chlorobenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
Chloroethane	ND	0.5	ug/L	09/21/05		RM	SW8260
cis-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Ethylbenzene	ND	0.5	ug/L	09/21/05		RM	SW8260
m&p-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	2	ug/L	09/21/05		RM	SW8260
o-Xylene	ND	0.5	ug/L	09/21/05		RM	SW8260
Tetrachloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Toluene	ND	0.5	ug/L	09/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Trichloroethene	ND	0.5	ug/L	09/21/05		RM	SW8260
Vinyl chloride	ND	0.5	ug/L	09/21/05		RM	SW8260
QA/QC Surrogates							
% Bromofluorobenzene	87		%	09/21/05		RM	SW8260

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

TRIP BLANK INCLUDED

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

Phyllis Shiller, Laboratory Director
October 07, 2005

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

QA/QC Report

October 07, 2005

QA/QC Data

SDG I.D.: GAG70437

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG70394 (AG70437, AG70438)								
ICP Metals - Aqueous								
Aluminum	BDL	5.30	99.2			---	---	
Antimony	BDL	NC	92.4			94.6	93.1	1.6
Arsenic	BDL	NC	94.5			97.2	95.7	1.6
Barium	BDL	2.00	95.5			96.0	95.0	1.0
Beryllium	BDL	NC	95.6			97.4	96.4	1.0
Boron	BDL	---	---			---	---	
Cadmium	BDL	NC	95.8			95.8	94.6	1.3
Calcium	0.01	---	---			---	---	
Chromium	BDL	NC	96.8			97.3	95.8	1.6
Cobalt	BDL	NC	95.1			95.7	94.8	0.9
Copper	BDL	1.10	96.5			97.6	96.5	1.1
Iron	0.002	---	97.9			96.3	95.2	1.1
Lead	BDL	NC	95.3			94.7	93.7	1.1
Magnesium	BDL	---	---			---	---	
Manganese	0.001	NC	95.7			95.5	94.5	1.1
Molybdenum	BDL	---	---			---	---	
Nickel	BDL	8.40	96.0			95.0	94.1	1.0
Phosphorus	BDL	---	---			---	---	
Selenium	BDL	NC	93.7			95.9	94.8	1.2
Silver	BDL	NC	102			104	103	1.0
Thallium	BDL	NC	95.5			94.5	93.4	1.2
Tin	BDL	---	---			---	---	
Vanadium	BDL	NC	96.1			97.0	96.1	0.9
Zinc	0.002	19.5	96.4			94.3	93.1	1.3
QA/QC Batch Sample No: AG70624 (AG70437, AG70438)								
Mercury	BDL		98			98		
QA/QC Batch Sample No: AG71067 (AG70437, AG70438)								
ICP Metals - Aqueous								
Aluminum	BDL	2.20	98.8			90.5	88.0	2.8
Antimony	BDL	NC	100			98.9	95.5	3.5
Arsenic	BDL	NC	100			99.9	99.7	0.2

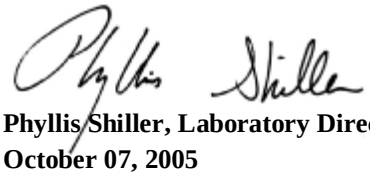
QA/QC Data

SDG I.D.: GAG70437

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Barium	BDL	2.10	103			95.0	95.5	0.5
Beryllium	BDL	NC	102			100	98.4	1.6
Boron	BDL	---	---			---	---	
Cadmium	BDL	NC	101			99.6	99.2	0.4
Calcium	0.01	---	---			---	---	
Chromium	BDL	0.3	102			96.7	96.4	0.3
Cobalt	BDL	NC	102			98.3	97.3	1.0
Copper	BDL	3.80	103			99.8	98.2	1.6
Iron	BDL	1.30	104			98.2	97.8	0.4
Lead	BDL	NC	102			97.4	97.2	0.2
Magnesium	BDL	---	---			---	---	
Manganese	BDL	1.60	104			100	99.0	1.0
Molybdenum	BDL	---	---			---	---	
Nickel	BDL	3.90	101			98.2	96.9	1.3
Phosphorus	BDL	---	---			---	---	
Selenium	BDL	NC	97.4			96.5	96.9	0.4
Silver	BDL	NC	94.6			92.4	91.0	1.5
Thallium	BDL	NC	101			95.3	94.8	0.5
Tin	BDL	---	---			---	---	
Vanadium	BDL	NC	103			102	101	1.0
Zinc	BDL	4.70	99.8			97.8	97.2	0.6

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

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



Phyllis Shiller, Laboratory Director
October 07, 2005

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

QA/QC Report

October 07, 2005

QA/QC Data

SDG I.D.: GAG70437

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG69833 (AG70437, AG70438)								
Oil and Grease by EPA 1664	BDL	NR	96.5					
QA/QC Batch Sample No: AG70437 (AG70437, AG70438)								
Tot. Diss. Solids	BDL	3.0	96.0					
QA/QC Batch Sample No: AG70437 (AG70437, AG70438)								
Total Cyanide	BDL		99			N/C		
QA/QC Batch Sample No: AG70437 (AG70437, AG70438)								
Total Suspended Solids	BDL		99					

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

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

Phyllis Shiller, Laboratory Director
October 07, 2005

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

QA/QC Report

October 07, 2005

QA/QC Data

SDG I.D.: GAG70437

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG70726 (AG70437, AG70438, AG70439, AG70440, AG70441, AG70442)							
Volatiles Organics							
1,1,1,2-Tetrachloroethane	ND	95			95	107	11.9
1,1,1-Trichloroethane	ND	86			88	88	0.0
1,1,2,2-Tetrachloroethane	ND	94			100	97	3.0
1,1,2-Trichloroethane	ND	77			79	130	48.8
1,1-Dichloroethane	ND	80			77	97	23.0
1,1-Dichloroethene	ND	79			78	96	20.7
1,1-Dichloropropene	ND	81			80		
1,2,3-Trichlorobenzene	ND	78			76	83	8.8
1,2,3-Trichloropropane	ND	93			101	97	4.0
1,2,4-Trichlorobenzene	ND	75			86	93	7.8
1,2,4-Trimethylbenzene	ND	98			102	104	1.9
1,2-Dibromo-3-chloropropane	ND	62			83	88	5.8
1,2-Dichlorobenzene	ND	87			87	104	17.8
1,2-Dichloroethane	ND	84			88	88	0.0
1,2-Dichloropropane	ND	75			77	83	7.5
1,3,5-Trimethylbenzene	ND	99			103	106	2.9
1,3-Dichlorobenzene	ND	100			98	106	7.8
1,3-Dichloropropane	ND	85			83	92	10.3
1,4-Dichlorobenzene	ND	94			95	105	10.0
2,2-Dichloropropane	ND	80			81	102	23.0
2-Chlorotoluene	ND	94			99	105	5.9
4-Chlorotoluene	ND	95			100	104	3.9
Benzene	ND	78			79		
Bromobenzene	ND	94			100	99	1.0
Bromochloromethane	ND	80			78	97	21.7
Bromodichloromethane	ND	80			83		
Bromoform	ND	98			104	109	4.7
Bromomethane	ND						
Carbon tetrachloride	ND	91			94		
Chlorobenzene	ND	88			85	96	12.2
Chloroethane	ND	96			73	118	47.1
Chloroform	ND	81			79	96	19.4

QA/QC Data

SDG I.D.: GAG70437

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloromethane	ND	75				83	
cis-1,2-Dichloroethene	ND	77			73	91	22.0
cis-1,3-Dichloropropene	ND	71			72		
Dibromochloromethane	ND	90			90	103	13.5
Dibromoethane	ND	76			78	131	50.7
Dibromomethane	ND	83			84	74	12.7
Dichlorodifluoromethane	ND	81				95	
Ethylbenzene	ND	91			89	101	12.6
Hexachlorobutadiene	ND	90			89	101	12.6
Isopropylbenzene	ND	104			102	103	1.0
m&p-Xylene	ND	94			92	104	12.2
Methyl t-butyl ether (MTBE)	ND	76			76	130	52.4
Methylene chloride	ND	83			81	99	20.0
n-Butylbenzene	ND	88			88	103	15.7
n-Propylbenzene	ND	99			102	104	1.9
Naphthalene	ND					71	
o-Xylene	ND	89			89	100	11.6
p-Isopropyltoluene	ND	105			103	109	5.7
sec-Butylbenzene	ND	93			104	106	1.9
Styrene	ND	87			85	96	12.2
tert-Butylbenzene	ND	101			107	107	0.0
Tetrachloroethene	ND	94			92	99	7.3
Toluene	ND	78			79	128	47.3
trans-1,2-Dichloroethene	ND	75			74	91	20.6
trans-1,3-Dichloropropene	ND	73			75	120	46.2
Trichloroethene	ND	80			82	88	7.1
Trichlorofluoromethane	ND	98			96	114	17.1
Vinyl chloride	ND	74				87	
% 1,2-dichlorobenzene-d4	84	88			88	97	9.7
% Bromofluorobenzene	86	94			93	95	2.1
% Dibromofluoromethane	103	103			105	106	0.9
% Toluene-d8	99	97			99	99	0.0

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

QA/QC Batch Sample No: AG71798 (AG70438, AG70439, AG70440)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	109			104	108	3.8
1,1,1-Trichloroethane	ND	107			101	100	1.0
1,1,2,2-Tetrachloroethane	ND	94			98	127	25.8
1,1,2-Trichloroethane	ND	101			97	104	7.0
1,1-Dichloroethane	ND	103			100	102	2.0
1,1-Dichloroethene	ND	97			103	105	1.9

QA/QC Data

SDG I.D.: GAG70437

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1-Dichloropropene	ND	109			103	107	3.8
1,2,3-Trichlorobenzene	ND	82			91	118	25.8
1,2,3-Trichloropropane	ND	87			93	115	21.2
1,2,4-Trichlorobenzene	ND	75			89	101	12.6
1,2,4-Trimethylbenzene	ND	102			105		
1,2-Dibromo-3-chloropropane	ND	96			106	94	12.0
1,2-Dichlorobenzene	ND	103			102	108	5.7
1,2-Dichloroethane	ND	107			96	106	9.9
1,2-Dichloropropane	ND	110			102	107	4.8
1,3,5-Trimethylbenzene	ND	102			104		
1,3-Dichlorobenzene	ND	104			98	112	13.3
1,3-Dichloropropane	ND	81			79	85	7.3
1,4-Dichlorobenzene	ND	106			94	107	12.9
2,2-Dichloropropane	ND	93			71	72	1.4
2-Chlorotoluene	ND	109			102	149	37.5
4-Chlorotoluene	ND	108			100	143	35.4
Benzene	ND	111			102	107	4.8
Bromobenzene	ND	102			101		
Bromochloromethane	ND	103			96	102	6.1
Bromodichloromethane	ND	110			101	105	3.9
Bromoform	ND	96			99	109	9.6
Bromomethane	ND	85				81	
Carbon tetrachloride	ND	116			106	118	10.7
Chlorobenzene	ND	104			107	108	0.9
Chloroethane	ND	105			99	105	5.9
Chloroform	ND	101			99	98	1.0
Chloromethane	ND	97			96	98	2.1
cis-1,2-Dichloroethene	ND	99			98	104	5.9
cis-1,3-Dichloropropene	ND	98			88	100	12.8
Dibromochloromethane	ND	82			78	86	9.8
Dibromoethane	ND	101			97	99	2.0
Dibromomethane	ND	107			100	105	4.9
Dichlorodifluoromethane	ND	86			106	110	3.7
Ethylbenzene	ND	110			106	111	4.6
Hexachlorobutadiene	ND	77			97	111	13.5
Isopropylbenzene	ND	124				156	
m&p-Xylene	ND	117			112	117	4.4
Methyl t-butyl ether (MTBE)	ND	95			87	99	12.9
Methylene chloride	ND	97			94	97	3.1
n-Butylbenzene	ND	110			105	110	4.7
n-Propylbenzene	ND	108			105		
Naphthalene	ND					75	

QA/QC Data

SDG I.D.: GAG70437

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	118			112	118	5.2
p-Isopropyltoluene	ND	119			108	122	12.2
sec-Butylbenzene	ND	99			108		
Styrene	ND	110			108	115	6.3
tert-Butylbenzene	ND	113			108		
Tetrachloroethene	ND	85			85	83	2.4
Toluene	ND	111			102	106	3.8
trans-1,2-Dichloroethene	ND	100			103	104	1.0
trans-1,3-Dichloropropene	ND	95			86	98	13.0
Trichloroethene	ND	110			100	109	8.6
Trichlorofluoromethane	ND	109			103	109	5.7
Vinyl chloride	ND	99			95	105	10.0
% 1,2-dichlorobenzene-d4	96	91			98	95	3.1
% Bromofluorobenzene	101	100			78	100	24.7
% Dibromofluoromethane	91	80			83	85	2.4
% Toluene-d8	98	97			94	100	6.2

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.

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

Phyllis Shiller, Laboratory Director
October 07, 2005

12" w/ Curlan

Chain of Custody Record

EARTH TECH
A Tyco Infrastructure Services Company

Custody Seal #

Earth Tech Cooler #

Project Number: 55849.01

Project Name/Client: 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	8260	Metals Al, As, Ba, Cr, Cu, Fe, Mn, Hg, Ni, Zn	TSS/TDS	O+G	Cyanide		Sample Type (Matrix): GW	40 ml	250 ml	500 ml	1 liter
1	EFF 9/20	9/20/05	10:15	X				X					70437	X	2			
2			10:20						X							1		
3			10:25							X							1	
4			10:30								X							1
5			10:35									X				1		
6	INF 9/20		10:45					X					70438		2			
7			10:50						X							1		
8			10:55							X							1	
9			11:00								X							1
10			11:05									X				1		
11	TW-1		11:15					X					70439		2			
12	TW-2A		11:20					X					70440		2			
13	TW-3		11:25					X					70441		2			
14	Trip Blank							X					70442		2			
15																		
16																		
17																		
18																		

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date / Time
Steve Gray	9-20-05 12:40				
PUSCUNN	9-21-5 1428	Kpacheco			

Send Lab Results To: Steve Choiniere
Earth Tech
40 British American Blvd,
Latham NY 12110

Remarks:

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

INFLUENT & EFFLUENT AIR ANALYTICAL REPORT

AirTECHNOLOGY
Laboratories, Inc.

September 26, 2005

Cert. #E87847

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

LABORATORY TEST RESULTS

Project Reference: NOW Corp., 55849.01
Lab Number: A5092102-01/06

Enclosed are results for sample(s) received 9/21/05 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- The samples were collected in Tedlar bags, which is a modification of EPA TO-14.
- Sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.

Results were faxed to Steve Choiniere on 9/23/05.

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: 09/21/05
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:		A5092102-01		A5092102-02		A5092102-03		A5092102-04		A5092102-05	
Client Sample I.D.:		TW - 1VE 9/20		TW - 2AVE 9/20		ST - 1 9/20		PAS 9/20		SVE - EXH 9/20	
Date Sampled:		09/20/05		09/20/05		09/20/05		09/20/05		09/20/05	
Date Analyzed:		09/21/05		09/21/05		09/21/05		09/21/05		09/21/05	
QC Batch No:		050921MS2A1		050921MS2A1		050921MS2A1		050921MS2A1		050824MS2A1	
Analyst Initials:		JM		JM		JM		JM		JM	
Dilution Factor:		1.3		1.3		1.4		2.5		1.0	
ANALYTE	PQL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Vinyl Chloride	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	1.1	1.0
Chloroethane	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0
1,1-Dichloroethene	1.0	9.5	1.3	9.8	1.3	11	1.4	12	2.5	12	1.0
1,1-Dichloroethane	1.0	36	1.3	37	1.3	41	1.4	200	2.5	23	1.0
c-1,2-Dichloroethene	1.0	9.0	1.3	9.2	1.3	10	1.4	10	2.5	7.5	1.0
1,1,1-Trichloroethane	1.0	100	1.3	100	1.3	110	1.4	490	10	38	1.0
Benzene	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0
1,2-Dichloroethane	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0
Trichloroethene	1.0	240	1.3	240	1.3	270	1.4	190	2.5	20	1.0
Toluene	1.0	28	1.3	10	1.3	14	1.4	16	2.5	15	1.0
1,1,2-Trichloroethane	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0
Tetrachloroethene	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0
Chlorobenzene	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0
Ethylbenzene	1.0	1.4	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0
p,&m-Xylene	1.0	3.3	1.3	2.7	1.3	2.6	1.4	2.8	2.5	2.5	1.0
o-Xylene	1.0	ND	1.3	ND	1.3	ND	1.4	ND	2.5	ND	1.0

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

Reviewed/Approved By: _____ Date 9/23/05
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: EarthTech
Attn: Steve Choiniere

Client's Project: NOW CORP., 55849.01
Date Received: 09/21/05
Matrix: Air
Units: ppbv

EPA Method TO14

Lab No:	A5092102-06
Client Sample I.D.:	ST-4 9/20
Date Sampled:	09/20/05
Date Analyzed:	09/21/05
QC Batch No:	050921MS2A1
Analyst Initials:	JM
Dilution Factor:	1.0

ANALYTE	PQL	Result	RL
Vinyl Chloride	1.0	1.4	1.0
Chloroethane	1.0	ND	1.0
1,1-Dichloroethene	1.0	4.2	1.0
1,1-Dichloroethane	1.0	13	1.0
c-1,2-Dichloroethene	1.0	8.0	1.0
1,1,1-Trichloroethane	1.0	5.0	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	11	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	1.9	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 9/23/05
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 050921MS2A1

Matrix: Air

EPA Method TO-14/TO-15

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	09/21/05		09/21/05		09/21/05						
Data File ID:	21SEP005.D		21SEP003.D		21SEP004.D						
Analyst Initials:	JM		JM		JM						
Dilution Factor:	0.2		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	9.6	96	9.3	93	3.5	70	130	30	Pass
Methylene Chloride	0.0	10.0	9.5	95	9.4	94	1.3	70	130	30	Pass
Trichloroethene	0.0	10.0	8.6	86	8.4	84	2.6	70	130	30	Pass
Toluene	0.0	10.0	8.2	82	8.1	81	0.2	70	130	30	Pass
1,1,2,2-Tetrachloroethane	0.0	10.0	8.0	80	8.0	80	0.3	70	130	30	Pass

RPD = Relative Percent Difference

Reviewed/Approved By: _____ **Date:** 9/23/05

Mark Johnson
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: 55849.01

Project Name/Client: Now Corp / Earth Tech

Sample Custodian: (Signature) Steve Gray

Analysis Required: Volatile Organics (ANALYTE List PER 2/12/98 Bid Form)

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	PID Reading (ppm)	Label Number	Volatile Organics	Sample Type: Air	Sample Container: Tedlar bags		Lab No.
												A5092102
1	TW-1UE 9/20	9/20/05	12:00	N/A	N/A			X	X	2		-01
2	TW-2AUE 9/20	↓	11:35	↓	↓			↓	↓	↓	↓	-02
3	ST-1 9/20		11:50									-03
4	PAS 9/20		11:45									-04
5	SUE-EXH 9/20		11:40									-05
6	ST-4 9/20		11:35									-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	9-20-05 12:20	Fedex			
Fedex	9/21/05 10:20am	Yul-Dong Wen			

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

Remarks: Send enough bags back with cooler for next Samp Event, c/o Roger Gray

Federal Express Airbill No.: 846985884002

Lab:

Check Delivery Method:
- [ ] Samples delivered in person
- [x] Common carrier

Laboratory Receiving Notes:

Custody Seal Intact?

Temp. of Shipping Container:

Sample Condition: