tyco
Fire &
Security

Tyco Safety Products
One Town Center Road
Boca Raton, FL 33486
USA

Tele: 561 988 7200
Fax: 561 988 3673

May 15, 2007

Ms. Nicole Elliott
Southtowns Sewage Treatment Plant
S-3690 Lakeshore Blvd.
Buffalo, New York 14219

RE: 2nd Quarter 2007 Discharge Monitoring Report
Scott Technologies, Inc., Groundwater Remediation Site
NYSDEC Site 9-15-149
EC/BPDES Permit No. 05-01-E4045

Dear Ms Elliott:

Scott Technologies, Inc., is pleased to provide you with the enclosed 2nd Quarter 2007 Discharge Monitoring Report for the Scott Technologies, Inc., Groundwater Remediation Site located at AVOX Systems, Inc., 25 Walter Winter Drive, Lancaster, New York. This report is submitted in partial fulfillment of Erie County/Buffalo Pollution Discharge Elimination System (EC/BPDES) Permit No. 05-01-E4045, effective February 1, 2005. Scott Technologies commissioned Earth Tech, Inc. (Amherst, New York) to perform the EC/BPDES required quarterly sampling during the month of April 2007.

We certify under the penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for known violations. We will continue to monitor the influent and effluent on a quarterly basis. The next scheduled quarterly discharge monitoring report is due by August 31, 2007.

If you have any questions regarding this submission, please do not hesitate to contact me.

Very truly yours,

Scott Technologies, Inc.

Mark Slaughter
Vice President Human Resources
Tyco Safety Products

\enclosures

cc: Mr. Jim Kruszka, Buffalo Sewer Authority

Ms. Linda Ross, NYSDEC Region 9 (e-copy will be sent via email by Earth Tech)
Mr. Matt Forcucci, NYSDOH Western Region
Mr. William Saskowski, AVOX Systems, Inc.
Mr. John Perkins, Tyco Safety Products (w/out enclosures)
Mr. Dino Zack, Earth Tech, Amherst, NY (w/out enclosures)
Mr. Timothy Renn, Earth Tech, Greenville, SC (w/out enclosures)
Facility File, Lancaster, NY (c/o Earth Tech, Amherst, NY)

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EarthTech
A tyco International Ltd. Company

10 Patewood Drive
Bldg. VI, Suite 500
Greenville, SC 29615

P 864.234.3000
F 864.234.3069
www.earthtech.com

May 15, 2007

Mr. Mark Slaughter
Deputy General Counsel
Tyco Safety Products
One Town Center Road
Boca Raton, FL 33486

RE: 2nd Quarter 2007 Discharge Monitoring Report
Scott Technologies, Inc., Groundwater Remediation Site
NYSDEC Site 9-15-149
EC/BPDES Permit No. 05-01-E4045

Dear Mr. Slaughter:

Earth Tech, Inc. is pleased to provide you the enclosed 2nd Quarter 2007 Discharge Monitoring Report for the Scott Technologies, Inc., Groundwater Remediation Site located at AVOX Systems Inc., 25 Walter Winter Drive, Lancaster, New York. This report is submitted in partial fulfillment of Erie County/Buffalo Pollution Discharge Elimination System (EC/BPDES) Permit No. 05-01-E4045, effective February 1, 2005.

Earth Tech performed the EC/BPDES required quarterly sampling during the month of April 2007 by collecting aqueous phase, influent and effluent samples for analysis by Severn Trent Laboratories (STL), located in Amherst, New York (NYSDOH ELAP Certification #10026). Samples were collected on April 16, 2007, between 08:00 hours and 16:00 hours. The aqueous samples were collected for analysis for volatile organic compounds (four individual grab samples composited by STL), total extractable hydrocarbons, and total suspended solids (latter two collected as a composite sample over four equally spaced intervals of the workday).

The total daily flow for the system at the site was calculated using totalizer readings recorded at the end of this sampling event (April 16, 2007 at 16:00 hours) and at the end of the previous sampling event (January 9, 2007 at 15:20 hours).

Provided herein for your information and as required by the EC/BPDES permit are: analytical data sheets; sample chain-of-custody-logs; a daily field log; and, remediation system location and process flow figures. Also included is a table converting the composite sample data from a laboratory reported sample concentration value to a flow-proportioned daily loading value to facilitate comparison to permit requirements.

Sampling procedures and chemical analyses were performed in accordance with the Buffalo Sewer Authority Sampling and Analytical Guidelines, revised August 19, 2004. Based on our review of the analytical data, all parameters were within compliance of the permit requirements for this facility. The next scheduled quarterly discharge monitoring report is due to the regulatory authorities by August 31, 2007.

If you have any questions regarding this submission, please do not hesitate to contact me at (716) 836-4506, Extension 15.

Very truly yours,

Earth Tech, Inc.

Timothy S. Renn, P.E.
Project Manager

Enclosures

cc: Project File 71149
Mr. Dino Zack, Earth Tech (w/data attachment)
Mr. John Perkins, Tyco Fire & Security (w/out enclosures)

TABLE

Scott Technologies, Inc. - Groundwater Remediation Site

EC/BPDES Permit No. 05-01-E4045

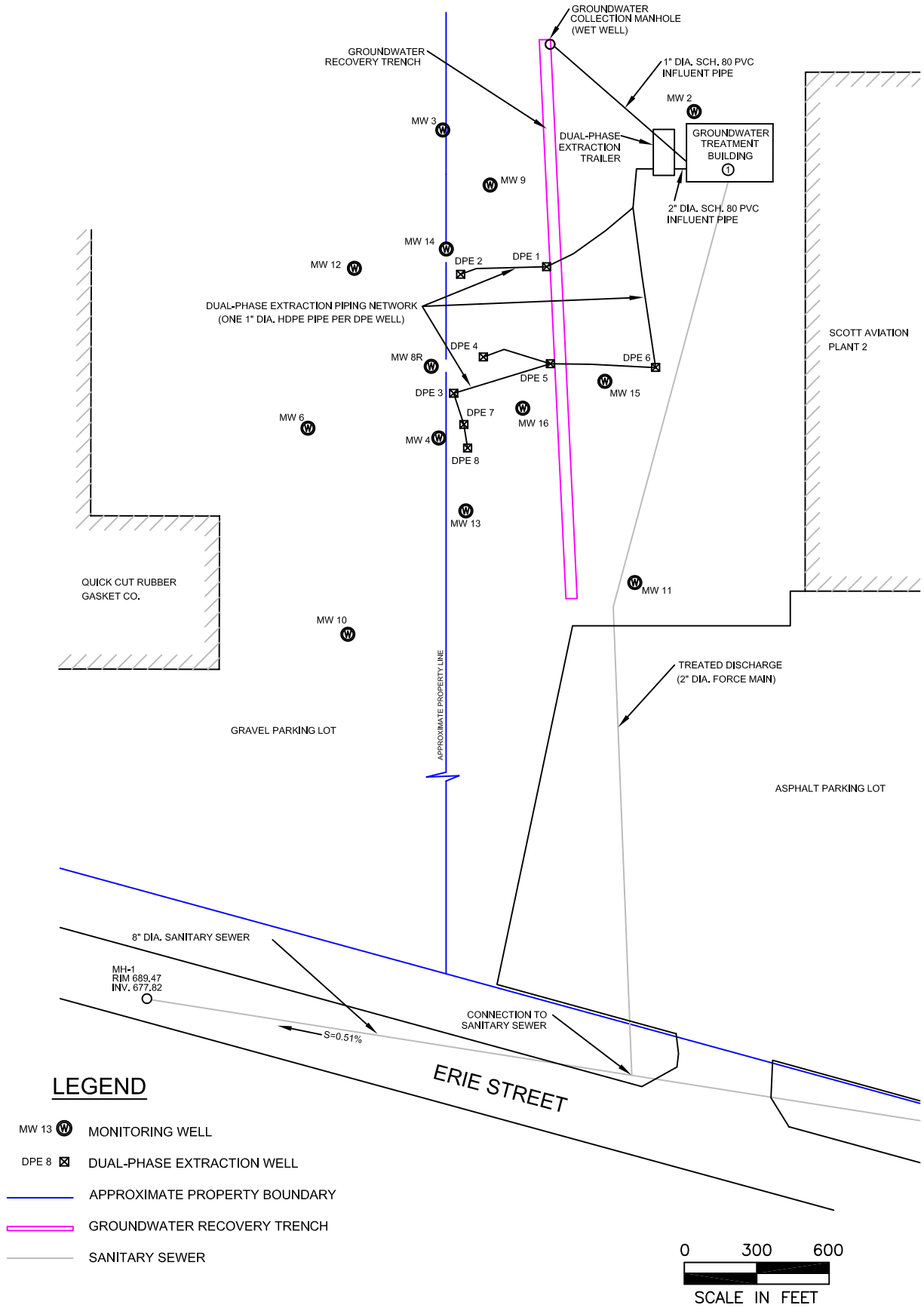
2nd Quarter 2007 Discharge Monitoring Report
Sample Date - April 16, 2007

Parameter	Units	Discharge Limitations Daily Max	Calculated Daily Value	Within Limits?
pH (method 160.1)	SU	5 - 12	8.24	**Y**
Total Extractable Hydrocarbons (method 1664 SGT)	mg/L	100	< 5.0	**Y**
Total Suspended Solids (method 160.2)	mg/L	250	27.0	**Y**
VOCs (ASP00 method 8260)				
Methylene Chloride	lbs/day	0.12	< 0.00013	**Y**
1,1,1-Trichloroethane	lbs/day	0.09	< 0.00013	**Y**
Trichloroethylene	lbs/day	0.04	< 0.00013	**Y**
Total 1,2-DCE (cis-1,2-DCE and trans-1,2-DCE)	lbs/day	0.02	0.00001	**Y**
1,1-Dichloroethane	lbs/day	0.0025	< 0.00013	**Y**
Chloroethane	lbs/day	0.025	< 0.00013	**Y**
Toluene	lbs/day	0.004	< 0.00013	**Y**
Total Daily Flow (discharge meter reading)	gallons	14,000	3,232	**Y**

Notes:

SU standard units
mg/L milligrams per liter
ug/L micrograms per liter
lbs/day pounds per day
< (value) Indicates calculated concentration less than the reported value, using effluent reporting limit as maximum possible concentration

FIGURES



EarthTech

A tyco International Ltd. Company

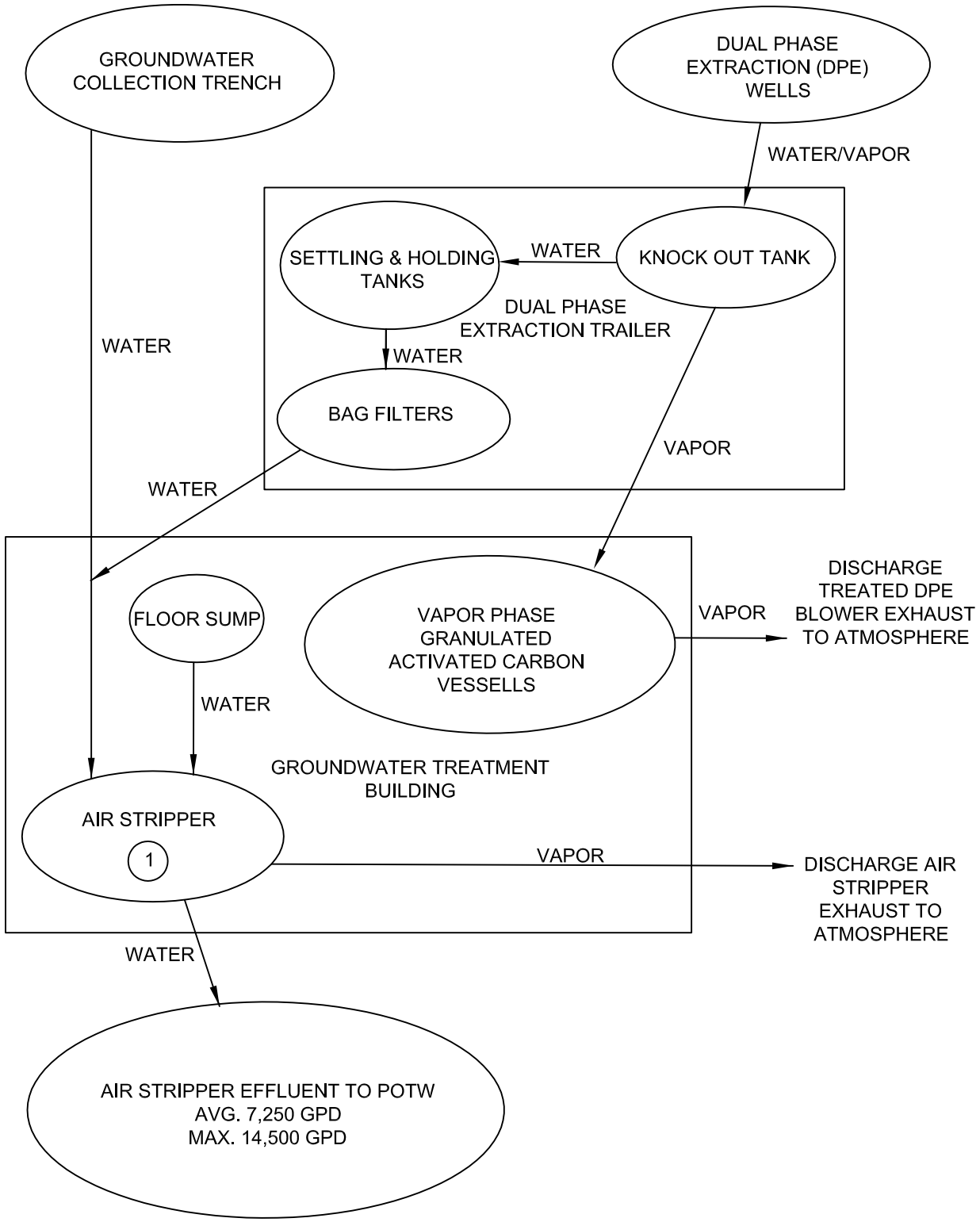
DUAL PHASE EXTRACTION SYSTEM LOCATION MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

SEPTEMBER 2005

71149

L:\work\71149\ADMIN\Reports\NYSDEC 3Q05 Rpt\71149_001 Dual Phase Extract Sys Loc Map.dwg, 9/9/2005 11:21:13 AM, mandy.splawn



EarthTech

A tyco International Ltd. Company

SCHEMATIC DUAL PHASE EXTRACTION FLOW DIAGRAM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

SEPTEMBER 2005

71149

L:\work\71149\ADMIN\Reports\NYSDEC 3Q05 Rpt\71149_002 Sche Dual Phase Extract Flow Dia.dwg, 9/9/2005 11:22:05 AM, mandy.splawn

DAILY FIELD LOG

EARTH TECH

A tyco INTERNATIONAL LTD. COMPANY

DAILY FIELD LOG

Project	Scott Aviation, Inc. (Plant 2)
Date	16-Apr-07
Weather	Cloudy, snow
Temperature Range	25F - 30F
Earth Tech Personnel on Site	D.Zack
Time on Site	08:00 - 16:00hrs
Air Stripper Totalizer Before Sampling	13,724,190 gallons
Air Stripper Totalizer After Sampling	13,724,540 gallons

Summary of Sample Activities

Time = 8:00 DPE transfer pump running during sample collection.
pH = 7
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from influent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from influent tap. Water quality is clear with no discernable odor or sheen.

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Time = 10:30 DPE transfer pump running during sample collection.
pH = 7
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from influent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from influent tap. Water quality is clear with no discernable odor or sheen.

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Time = 14:30 DPE transfer pump running during sample collection.
pH = 7
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from influent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from influent tap. Water quality is clear with no discernable odor or sheen.

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Time = 16:00 DPE transfer pump running during sample collection.
pH = 7
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from influent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from influent tap. Water quality is clear with no discernable odor or sheen.

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L amber glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H_2SO4) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Note, air samples collected from AS effluent and DPE GAC influent/effluent manually while systems are running.

Maintain samples at 4 degrees C, secure. Hand deliver samples to Severn Trent Laboratories (Amherst, NY) on April 18, 2007 for analysis. Request laboratory to composite 40-ml samples and analyze for VOCs (8260; TCL and STARS). Request laboratory to analyze one liter influent and effluent samples for TEH (1664), TSS (160.2), and pH.

Signature: Dina L. Zack Date: 4/18/07

LABORATORY REPORT

ANALYTICAL REPORT

Job#: A07-3943

STL Project#: NY3A9023
Site Name: Earth Tech - Scott Aviation site
Task: Earth Tech, Inc. - Scott Aviation site

Mr. Dino Zack
Earth Tech, Inc.
100 Corporate Pkwy, Ste 341
Amherst, NY 14226

STL Buffalo

Brian J. Fischer
Project Manager

05/01/2007

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

STL Buffalo
Current Certifications

As of 9/28/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7391302	EFFLUENT	WATER	04/16/2007	16:00	04/18/2007	08:15
A7391304	INFLUENT	WATER	04/16/2007	16:00	04/18/2007	08:15

METHODS SUMMARY

Job#: A07-3943

STL Project#: NY3A9023
Site Name: Earth Tech - Scott Aviation site

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
pH	MCAWW 150.1
SGT Total Petroleum Hydrocarbons	MCAWW 1664 SGT
Total Suspended Solids	MCAWW 160.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A07-3943

STL Project#: NY3A9023
Site Name: Earth Tech - Scott Aviation site

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-3943
Sample Cooler(s) were received at the following temperature(s); 5.4 °C
Lab to composite volatile samples for points "Influent" and "Effluent" by date/time.

Samples for this job are stored in A07-3913.

GC/MS Volatile Data

Initial calibration standard curve A7I0000312 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for compounds Methylene Chloride, Bromoform, and 1,2,4-Trichlorobenzene. However, the overall mean RSD of all compounds is 7.52%.

Initial calibration standard curve A7I0000308 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for compounds Methylene Chloride and Bromomethane. However, the overall mean RSD of all compounds is 7.01%.

Volatile samples EFFLUENT and INFLUENT were composited in the laboratory, prior to analysis.

For method 8260, all samples were preserved to a pH less than 2.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Brian J. Fischer
Project Manager

5-1-07
Date

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
EFFLUENT	A7391302	SW8463	-	-	-	-	-	MCAWW
INFLUENT	A7391304	SW8463	-	-	-	-	-	MCAWW

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
EFFLUENT	WATER	04/16/2007	04/18/2007	-	04/21/2007
INFLUENT	WATER	04/16/2007	04/18/2007	-	04/23/2007

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
EFFLUENT	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
INFLUENT	WATER	SW8463	-	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
EFFLUENT	WATER	MCAWW	MCAWW	AS REQUIRED	AS REQUIRED
INFLUENT	WATER	MCAWW	MCAWW	AS REQUIRED	AS REQUIRED

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: EFFLUENT

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7391302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N6663.RR

Level: (low/med) LOW Date Samp/Recv: 04/16/2007 04/18/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/21/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	25	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon Disulfide	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.54	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	25	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	5.0	U
108-87-2	Methylcyclohexane	5.0	U
75-09-2	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EFFLUENT

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7391302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N6663.RR

Level: (low/med) LOW Date Samp/Recv: 04/16/2007 04/18/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/21/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	25	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

INFLUENT

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7391304

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q0194.RR

Level: (low/med) LOW Date Samp/Recv: 04/16/2007 04/18/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/23/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	5.9	J
71-43-2	Benzene	0.58	BJ
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon Disulfide	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	12	
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	3.2	J
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	94	
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	25	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	5.0	U
108-87-2	Methylcyclohexane	5.0	U
75-09-2	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: INFLUENT

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7391304

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q0194.RR

Level: (low/med) LOW Date Samp/Recv: 04/16/2007 04/18/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/23/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	25	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	0.96	J
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	66	
75-01-4	Vinyl chloride	1.8	J
1330-20-7	Total Xylenes	15	U

Earth Tech, Inc.
Earth Tech, Inc. - Scott Aviation site
Wet Chemistry Analysis

Client Sample No.: EFFLUENT

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A7391302

% Solids: 0.0 Date Samp/Recv: 04/16/2007 04/18/2007

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
pH	S.U.	8.24				150.1	04/18/2007
SGT Total Petroleum Hydrocarbons	MG/L	5.0	U			1664 SGT	04/19/2007
Total Suspended Solids	MG/L	27.0				160.2	04/18/2007

Comments:

Earth Tech, Inc.
Earth Tech, Inc. - Scott Aviation site
Wet Chemistry Analysis

Client Sample No.: INFLUENT

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A7391304

% Solids: 0.0 Date Samp/Recv: 04/16/2007 04/18/2007

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
pH	S.U.	8.02				150.1	04/18/2007
SGT Total Petroleum Hydrocarbons	MG/L	5.0	U			1664 SGT	04/19/2007
Total Suspended Solids	MG/L	4.0	U			160.2	04/19/2007

Comments:

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	EFFLUENT	A7391302	91		110		98							0
2	INFLUENT	A7391304	97		102		101							0
3	MSB06	A7B0589301	91		105		98							0
4	msb18	A7B0596101	107		98		109							0
5	VBLK06	A7B0589302	92		109		99							0
6	vblk18	A7B0596102	98		98		103							0

			QC LIMITS
BFB	=	p-Bromofluorobenzene	(73-120)
DCE	=	1,2-Dichloroethane-D4	(66-137)
TOL	=	Toluene-D8	(71-126)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0589302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK06

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.3	117	71 - 147
Trichloroethene	25.0	24.0	96	71 - 120
Benzene	25.0	23.2	93	79 - 121
Toluene	25.0	23.8	95	69 - 120
Chlorobenzene	25.0	23.8	95	79 - 118

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0596102

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: vblk18

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	30.9	124	71 - 147
Trichloroethene	25.0	28.3	113	71 - 120
Benzene	25.0	30.0	117	79 - 121
Toluene	25.0	29.0	116	69 - 120
Chlorobenzene	25.0	28.9	116	79 - 118

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

Client Sample ID: Method Blank
Lab Sample ID: A7B0570103

Matrix Spike Blank
A7B0570102

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
SGT TOTAL PETROLEUM HYDROCARBONS - MET	MG/L	12.20	10.90	112	64-132

22/260

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A7B0563702

LCS
A7B0563701

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 160.2 - TOTAL SUSPENDED SOLIDS	MG/L	652.0	664.0	98	88-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A7B0570902

LCS
A7B0570901

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 160.2 - TOTAL SUSPENDED SOLIDS	MG/L	665.0	702.0	95	88-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK06

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: N6648.RR Lab Sample ID: A7B0589302

Date Analyzed: 04/21/2007 Time Analyzed: 11:27

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EFFLUENT	A7391302	N6663.RR	17:40
2	MSB06	A7B0589301	N6647.RR	11:03

Comments: _____

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: VBLK06

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7B0589302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N6648.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/21/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	25	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon Disulfide	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	25	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	5.0	U
108-87-2	Methylcyclohexane	5.0	U
75-09-2	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK06

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7B0589302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N6648.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/21/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	25	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: vblk18

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: Q0185.RR Lab Sample ID: A7B0596102

Date Analyzed: 04/23/2007 Time Analyzed: 11:02

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973Q

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	INFLUENT	A7391304	Q0194.RR	15:20
2	msb18	A7B0596101	Q0182.RR	09:35

Comments: _____

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: vblk18

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7B0596102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q0185.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/23/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	25	U
71-43-2	Benzene	0.87	J
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon Disulfide	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	25	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	5.0	U
108-87-2	Methylcyclohexane	5.0	U
75-09-2	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

vblk18

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A7B0596102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q0185.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/23/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	25	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A7B0570103 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 04/19/2007 Time Analyzed (1): 10:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EFFLUENT	A7391302	04/19/2007	10:30
2	INFLUENT	A7391304	04/19/2007	10:30
3	LCS	A7B0570101	04/19/2007	10:30
4	Matrix Spike Blank	A7B0570102	04/19/2007	10:30

Comments: _____

Earth Tech, Inc.
Earth Tech, Inc. - Scott Aviation site
Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A7B0570103

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
SGT Total Petroleum Hydrocarbons	MG/L	5.0	U			1664 SGT	04/19/2007

Comments:

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A7B0563702 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 04/18/2007 Time Analyzed (1): 17:00

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EFFLUENT	A7391302	04/18/2007	17:00
2	LCS	A7B0563701	04/18/2007	17:00

Comments: _____

Earth Tech, Inc.
Earth Tech, Inc. - Scott Aviation site
Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A7B0563702

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			160.2	04/18/2007

Comments:

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A7B0570902 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 04/19/2007 Time Analyzed (1): 11:55

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	INFLUENT	A7391304	04/19/2007	11:55
2	LCS	A7B0570901	04/19/2007	11:55

Comments: _____

Earth Tech, Inc.
Earth Tech, Inc. - Scott Aviation site
Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A7B0570902

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			160.2	04/19/2007

Comments:

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0001031

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): N6646.RR Date Analyzed: 04/21/2007

Instrument ID: HP5973N Time Analyzed: 10:25

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		291219		8.00		164785		10.43		299152		5.17	
	UPPER LIMIT		582438		8.50		329570		10.93		598304		5.67	
	LOWER LIMIT		145610		7.50		82393		9.93		149576		4.67	
	CLIENT SAMPLE	Lab Sample ID												
1	EFFLUENT	A7391302	283812		8.00		148748		10.43		307068		5.17	
2	MSB06	A7B0589301	309124		8.00		171854		10.43		342003		5.17	
3	VBLK06	A7B0589302	307768		8.00		167687		10.43		335693		5.17	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0001044

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID (Standard): Q0180.RR Date Analyzed: 04/23/2007

Instrument ID: HP5973Q Time Analyzed: 08:38

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		928387		7.63		485155		9.83		1048521		5.07	
	UPPER LIMIT		1856774		8.13		970310		10.33		2097042		5.57	
	LOWER LIMIT		464194		7.13		242578		9.33		524261		4.57	
	CLIENT SAMPLE	Lab Sample ID												
1	INFLUENT	A7391304	829639		7.63		386441		9.84		933533		5.08	
2	msb18	A7B0596101	913975		7.63		485666		9.84		1034947		5.07	
3	vblk18	A7B0596102	863320		7.63		402056		9.84		972211		5.08	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7391302	EFFLUENT	WATER	04/16/2007	16:00	04/18/2007	08:15
A7391304	INFLUENT	WATER	04/16/2007	16:00	04/18/2007	08:15

METHODS SUMMARY

Job#: A07-3943

STL Project#: NY3A9023
Site Name: Earth Tech - Scott Aviation site

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
pH	MCAWW 150.1
SGT Total Petroleum Hydrocarbons	MCAWW 1664 SGT
Total Suspended Solids	MCAWW 160.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A07-3943

STL Project#: NY3A9023
Site Name: Earth Tech - Scott Aviation site

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-3943
Sample Cooler(s) were received at the following temperature(s); 5.4 °C
Lab to composite volatile samples for points "Influent" and "Effluent" by date/time.

Samples for this job are stored in A07-3913.

GC/MS Volatile Data

Initial calibration standard curve A7I0000312 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for compounds Methylene Chloride, Bromoform, and 1,2,4-Trichlorobenzene. However, the overall mean RSD of all compounds is 7.52%.

Initial calibration standard curve A7I0000308 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for compounds Methylene Chloride and Bromomethane. However, the overall mean RSD of all compounds is 7.01%.

Volatile samples EFFLUENT and INFLUENT were composited in the laboratory, prior to analysis.

For method 8260, all samples were preserved to a pH less than 2.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Brian J. Fischer
Project Manager

5-1-07
Date

Chain of Custody Documentation

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Earth Tech	Project Manager: Timothy Renn	Date: 4/16/07	Chain of Custody Number: 299768
Address: 100 Corporate Pkwy, Suite 341	Telephone Number (Area Code)/Fax Number: 716-836-4506, ext 15	Lab Number:	Page 1 of 1
City: Amherst / State: NY / Zip Code: 14221	Site Contact: D. Zack	Lab Contact: B. Fischer	
Project Name and Location (State): Scott Aviation, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): Method 8260 TCL VOC	Method 146 SGT-HEM	pH, TSS, Method 160.2 Method 150.1	Special Instructions/ Conditions of Receipt
Influent Grab #1, #2, #3, #4	4/16/07	0800-1600 hrs		X						8			X			Composite Grab #1, #2, #3, #4
Effluent Grab #1, #2, #3, #4	4/16/07	0800-1600 hrs		X						8			X			Composite Grab #1, #2, #3, #4
Influent	4/16/07	0800-1600 hrs		X			1	2						+	+	
Effluent	4/16/07	0800-1600 hrs		X			1	2						X	+	

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [ ] 14 Days [ ] 21 Days [ ] Other STD

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: David Zack	4/16/07	1600 hrs	1. Received By:	4/18/07	0815
2. Relinquished By:	Date	Time	2. Received By:	Date	Time
3. Relinquished By:	Date	Time	3. Received By: 5.4°C	Date	Time

Comments: Note, Influent/Effluent Grabs collected over 8hr period. Please composite VOC Grabs. Please contact Dan Zack w/ Questions.

46/260

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Job No: A07-3943
Client: Earth Tech, Inc.
Project: NY3A9023
SDG:
Case:
SMO No:
No. Samps: 1

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 5.4°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
04/16/2007 16:00	04/18/2007 08:15	EFFLUENT	A7391302	Good					
04/16/2007 16:00	04/18/2007 08:15	INFLUENT	A7391304	Good					

Sample Custodian: DC 4/18/2007

Analytical Services Coordinator: _____ / /20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)