



SCOTT TECHNOLOGIES

November 30, 2005

RECEIVED

DEC 09 2005

TAMS / EARTH TECH

Ms. Nicole Elliott
Erie County Department of Environment & Planning
Division of Sewerage Management
95 Franklin Street
Buffalo, New York 14202

RE: 4th Quarter 2005 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 4th Quarter 2005 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 October 2005.

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 February 28, 2006.

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

Very truly yours,

Scott Technologies, Inc.



Mark Bonaguro
Deputy General Counsel
Tyco Safety Products

enclosures

cc: Mr. Jim Kruszka, Buffalo Sewer Authority
Ms. Linda Ross, NYSDEC Region 9
Mr. William Saskowski, AVOX Systems, Inc.
Facility File, Lancaster, NY (c/o Earth Tech, Amherst)
Mr. Jim Kaczor, Earth Tech, Amherst, NY (w/out enclosures)
Ms. Kacey Fung, Tyco Fire & Security (w/out enclosures)
Mr. John Haramut, Earth Tech, Greenville, SC (w/out enclosures)

November 8, 2005

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

RE: 4th Quarter 2005 Discharge Monitoring Report
Scott Technologies, Inc., Groundwater Remediation Site
NYSDEC Site 9-15-149
EC/BPDES Permit No. 05-01-E4045

Telephone

Dear Mr. Bonaguro:

716.836.4506

Earth Tech, Inc. is pleased to provide you the enclosed 4th Quarter 2005 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.

Facsimile

716.834.8785

Earth Tech performed the EC/BPDES required quarterly sampling during the month of October 2005 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 October 4, 2005, between 0905 hours and 1625 hours. The aqueous samples were collected for analysis for volatile organic compounds (VOCs; 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 was calculated using this totalizer readings recorded at the end of this sampling event (October 4, 2005 @ 16:25 hours) and at the end of the previous sampling event (July 20, 2005 @ 17:20 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.



A tyco INTERNATIONAL LTD. COMPANY

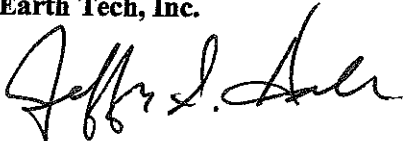
Mr. Mark Bonaguro
Tyco Safety Products
November 8, 2005
Page 2

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 by February 28, 2006.

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

Very truly yours,

Earth Tech, Inc.



Jeffrey S. Hall, PE
Environmental Engineer

\Enclosures

cc: Project File 71149
Mr. John Haramut, Earth Tech (w/data attachment)
Ms. Kacey Fung, Tyco Fire & Security (w/out enclosures)

F:\ACTIVE PROJECTS\Scott - Plant 2 (71149)\Reports\EC BPDES Quarterly reports\EC-BPDES 4Q05 Rpt\4Q-05 compliance Bonaguro.doc



A Tyco Infrastructure Services Company

TABLE

Scott Technologies, Inc. - Groundwater Remediation Site

EC/BPDES Permit No. 05-01-E4045

4th Quarter 2005 Discharge Monitoring Report

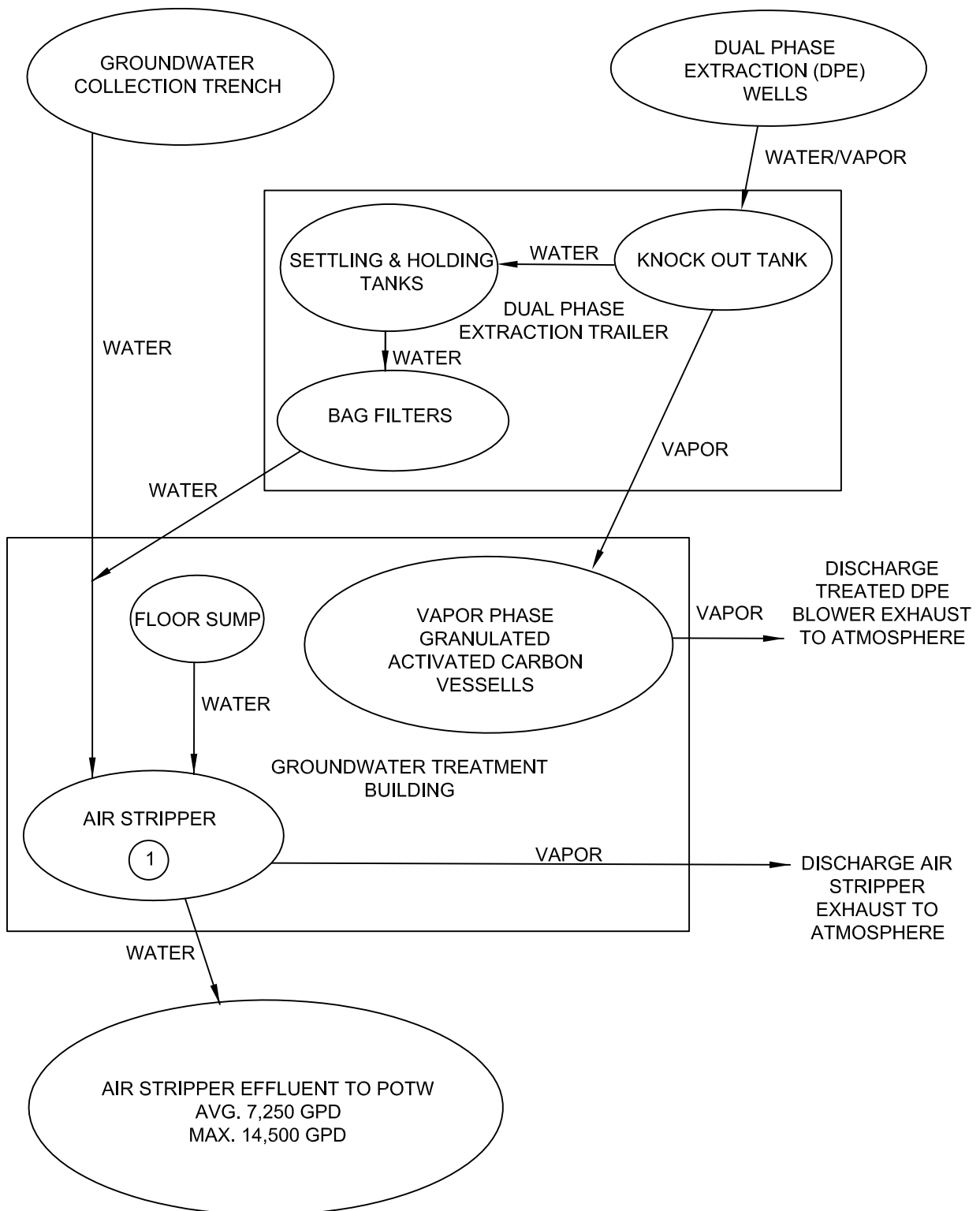
Sample Date - October 4, 2005

Parameter	Units	Discharge Limitations Daily Max	Calculated Daily Value	Within Limits?
pH (field measurement)	SU	5 - 12	8.5	Y
total extractable hydrocarbons (method 1664 SGT)	mg/L	100	< 5.0	Y
total suspended solids (method 160.2)	mg/L	250	43.0	Y
<u>VOCs (ASP00 method 8260)</u>				
methylene chloride	lbs/day	0.12	< 0.00010	Y
1,1,1-trichloroethane	lbs/day	0.09	< 0.00010	Y
trichloroethylene	lbs/day	0.04	0.000013	Y
1,2-dichloroethylene	lbs/day	0.02	< 0.00010	Y
1,1-dichloroethane	lbs/day	0.0025	< 0.00010	Y
chloroethane	lbs/day	0.025	< 0.00010	Y
toluene	lbs/day	0.004	< 0.00010	Y
total daily flow (discharge meter reading)	gallons	14,000	2,500	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



DAILY FIELD LOG

DAILY FIELD LOG

Project Scott Aviation, Inc. (Plant 2)
Date 4-Oct-05
Weather Sunny, slight breeze
Temperature Range 65 - 85 degrees F
Earth Tech Personnel on Site Tamara Raby and Daniel Bennett
Time on Site 0800 hrs - 1730 hrs

Air Stripper Totalizer Before Sampling 11,845,760 gallons
Air Stripper Totalizer After Sampling 11,846,340 gallons

Summary of Sample Activities

905 hrs	DPE transfer pump running during sample collection. Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. pH = 8.5. Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 1, 1-L clear glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H ₂ SO ₄) 1/4 full from effluent tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. pH = 8.5.
1155 hrs	DPE transfer pump running during sample collection. Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. pH = 8.5. Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 1, 1-L clear glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H ₂ SO ₄) 1/4 full from effluent tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. pH = 8.5.
1500 hrs	DPE transfer pump running during sample collection. Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. pH = 8.5. Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 1, 1-L clear glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H ₂ SO ₄) 1/4 full from effluent tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. pH = 8.5.
1625 hrs	DPE transfer pump not running during sample collection. Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. No discernable odor or sheen. pH = 8.5. Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 1, 1-L clear glass bottles (unpreserved) 1/4 full, respectively, from effluent tap. Fill 1, 1-L plastic bottle (preserved with H ₂ SO ₄) 1/4 full from effluent tap. Water quality is slightly turbid (cloudy) with no discernable odor or sheen. No discernable odor or sheen. pH = 8.5.

Note, samples collected from indoor air stripper manually.

Maintain samples at 4 degrees C, secure. Hand deliver samples to Severn Trent Laboratories (Amherst, NY) on October 4, 2005 at 17:54 hrs for analysis. Request laboratory to composite 40-ml samples and analyze for VOCs (8260; TCL and STARS). Request laboratory to analyze one liter effluent samples for TEH (1664) and TSS (160.2).

Signature: Tamara Raby Date: 10/04/05

LABORATORY REPORT

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A05-B275

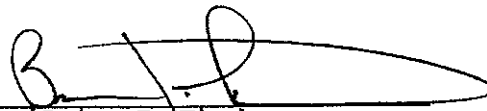
STL Project#: NY3A9023

Site Name: Earth Tech, Inc. - Scott Aviation site

Task: Earth Tech, Inc. - Scott Aviation site

Mr. Jim Kaczor
Earth Tech, Inc.
100 Corporate Pkwy, Ste 341
Amherst, NY 14226

STL Buffalo



Brian J. Fischer
Project Manager

11/01/2005

STL Buffalo

Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	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	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	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A5B05105	EFFLUENT COMPOSITE	GW	10/04/2005	16:25	10/04/2005	17:50
A5B05106	EFFLUENT GRAB 1-4	GW	10/04/2005	16:25	10/04/2005	17:50
A5B05107	INFLUENT GRAB 1-4	GW	10/04/2005	16:25	10/04/2005	17:50

METHODS SUMMARY

Job#: A05-B275STL Project#: NY3A9023Site Name: Earth Tech, Inc. - Scott Aviation site

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
SGT Total Petroleum Hydrocarbons	MCAWW 1664 SGT
Total Suspended Solids	MCAWW 160.2

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.

NON-CONFORMANCE SUMMARY

Job#: A05-B275STL Project#: NY3A9023Site Name: Earth Tech, Inc. - Scott Aviation siteGeneral 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

A05-B275

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

Lab to composite volatile samples for points EFFLUENT GRAB1-4 and INFLUENT GRAB 1-4 by date/time.

SAMPLES STORED IN A05-B051.

GC/MS Volatile Data

All samples were preserved to a PH less than 2.

All volatile samples were composited in the laboratory, prior to analysis.

Initial calibration standard curve A5I0002148-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 6.50%.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

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.

"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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

11-1-05

Date

Date: 11/01/2005
Time: 09:09:06

Dilution Log w/Code Information
For Job A05-B275

8/172

Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
INFLUENT GRAB 1-4 DL	A5805107DL	8260	2.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other



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.
- * 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

10/172

Client No.

EFFLUENT GRAB 1-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B05106

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G5020.RR

Level: (low/med) LOW

Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	17	J
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

11/172

Client No.

EFFLUENT GRAB 1-4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B05106

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G5020.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	0.64	J
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

12/172

Client No.

INFLUENT GRAB 1-4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B05107

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G5021.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	21	J
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	0.60	J
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	3.3	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	160	E
156-60-5-----	trans-1,2-Dichloroethene	0.57	J
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

13/172

Client No.

INFLUENT GRAB 1-4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B05107

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G5021.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	1.3	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	77	
75-01-4-----	Vinyl chloride	1.0	J
1330-20-7-----	Total Xylenes	15	U

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

14/172

Client No.

INFLUENT GRAB 1-4 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B05107DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G5040.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	21	DJ
71-43-2-----	Benzene	10	U
75-27-4-----	Bromodichloromethane	10	U
75-25-2-----	Bromoform	10	U
74-83-9-----	Bromomethane	10	U
78-93-3-----	2-Butanone	50	U
75-15-0-----	Carbon Disulfide	10	U
56-23-5-----	Carbon Tetrachloride	10	U
108-90-7-----	Chlorobenzene	10	U
75-00-3-----	Chloroethane	10	U
67-66-3-----	Chloroform	10	U
74-87-3-----	Chloromethane	10	U
110-82-7-----	Cyclohexane	10	U
106-93-4-----	1,2-Dibromoethane	10	U
124-48-1-----	Dibromochloromethane	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
75-71-8-----	Dichlorodifluoromethane	10	U
75-34-3-----	1,1-Dichloroethane	3.2	DJ
107-06-2-----	1,2-Dichloroethane	10	U
75-35-4-----	1,1-Dichloroethene	10	U
156-59-2-----	cis-1,2-Dichloroethene	170	D
156-60-5-----	trans-1,2-Dichloroethene	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5----	cis-1,3-Dichloropropene	10	U
10061-02-6----	trans-1,3-Dichloropropene	10	U
100-41-4-----	Ethylbenzene	10	U
591-78-6-----	2-Hexanone	50	U
98-82-8-----	Isopropylbenzene	10	U
79-20-9-----	Methyl acetate	10	U
108-87-2-----	Methylcyclohexane	10	U
75-09-2-----	Methylene chloride	10	U

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

15/172

Client No.

INFLUENT GRAB 1-4 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B05107DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G5040.RR

Level: (low/med) LOW Date Samp/Recv: 10/04/2005 10/04/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	50	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5-----	Styrene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
127-18-4-----	Tetrachloroethene	10	U
108-88-3-----	Toluene	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
71-55-6-----	1,1,1-Trichloroethane	1.3	DJ
79-00-5-----	1,1,2-Trichloroethane	10	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U
79-01-6-----	Trichloroethene	75	D
75-01-4-----	Vinyl chloride	0.99	DJ
1330-20-7-----	Total Xylenes	30	U

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

Client Sample No.

EFFLUENT COMPOSITE

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix (soil/water): WATERLab Sample ID: A5B05105% Solids: 0.0Date Samp/Recv: 10/04/2005 10/04/2005

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
SGT Total Petroleum Hydrocarbons _____	MG/L	5.0	U			1664 SGT	10/06/2005
Total Suspended Solids _____	MG/L	43.0				160.2	10/06/2005

Comments:

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

17/172

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 GRAB 1-4	A5B05106	92	88	96						0
2	INFLUENT GRAB 1-4	A5B05107	94	87	97						0
3	INFLUENT GRAB 1-4 DL	A5B05107DL	94	87	96						0
4	MSB40	A5B27501	96	84	99						0
5	MSB41	A5B27503	94	86	97						0
6	VBLK40	A5B27502	96	84	97						0
7	VBLK41	A5B27504	95	87	98						0

QC LIMITS

BFB = p-Bromofluorobenzene
DCE = 1,2-Dichloroethane-D4
TOL = Toluene-D8

(73-120)
(72-143)
(76-122)

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

18/172

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A5B27502

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VBLK40

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	17.9	72	65 - 142
Trichloroethene	25.0	19.1	76	71 - 120
Benzene	25.0	19.8	79	67 - 126
Toluene	25.0	20.7	83	69 - 120
Chlorobenzene	25.0	21.8	87	73 - 120

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

19/172

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A5B27504

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VBLK41

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.1	100	65 - 142
Trichloroethene	25.0	25.0	100	71 - 120
Benzene	25.0	25.4	102	67 - 126
Toluene	25.0	25.5	102	69 - 120
Chlorobenzene	25.0	25.8	103	73 - 120

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
METHOD BLANK SUMMARY

20/172

Client No.

Lab Name: STL Buffalo

Contract: _____

VBLK40

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

Lab File ID: G5008.RR Lab Sample ID: A5B27502

Date Analyzed: 10/17/2005 Time Analyzed: 09:47

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

Instrument ID: HP5973G

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	EFFLUENT GRAB 1-4	A5B05106	G5020.RR	14:20
2	INFLUENT GRAB 1-4	A5B05107	G5021.RR	14:42
3	MSB40	A5B27501	G5007.RR	09:25

Comments: _____

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

21/172

Client No.

VBLK40

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B27502

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G5008.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

22/172

Client No.

VBLK40

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5B27502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G5008.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/17/2005

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

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

23/172

Client No.

Lab Name: STL Buffalo

Contract: _____

VBLK41

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: G5035.RR

Lab Sample ID: A5B27504

Date Analyzed: 10/17/2005

Time Analyzed: 20:08

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: HP5973G

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	INFLUENT GRAB 1-4 DL	A5B05107DL	G5040.RR	22:01
2	MSB41	A5B27503	G5034.RR	19:45

Comments: _____

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

24/172

Client No.

VBK41

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5B27504

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G5035.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

25/172

Client No.

VBLK41

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A5B27504

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G5035.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/17/2005

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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.

EFFLUENT COMPOSITE

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab Sample ID: A5B05105

Lab File ID: _____

Matrix: (soil/water) WATER

Instrument ID (1): _____

Date Analyzed (1): 10/06/2005Time Analyzed (1): 11:00

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
=====	=====	=====	=====
0 EFFLUENT COMPOSITE	A5B05105	10/06/2005	11:00

Comments: _____

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

Client No.

EFFLUENT COMPOSITE

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab Sample ID: A5B05105

Lab File ID: _____

Matrix: (soil/water) WATER

Instrument ID (1): _____

Date Analyzed (1): 10/06/2005Time Analyzed (1): 11:00

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
=====	=====	=====	=====

Comments: _____

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

28/172

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0005595
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): G5005.RR Date Analyzed: 10/17/2005
Instrument ID: HP5973G Time Analyzed: 08:24
GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	# RT #	AREA	# RT #	AREA	# RT #
12 HOUR STD		254583	8.70	239302	11.05	521318	5.80
UPPER LIMIT		509166	9.20	478604	11.55	1042636	6.30
LOWER LIMIT		127292	8.20	119651	10.55	260659	5.30
CLIENT SAMPLE	Lab Sample ID						
1 EFFLUENT GRAB 1-4	A5B05106	253614	8.70	226029	11.06	498979	5.81
2 INFLUENT GRAB 1-4	A5B05107	248644	8.70	224509	11.06	502268	5.81
3 MSB40	A5B27501	253272	8.70	234356	11.06	516347	5.81
4 VBLK40	A5B27502	257553	8.70	236887	11.06	517538	5.80

AREA UNIT RT
QC LIMITS 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

29/172

Lab Name: STL Buffalo Contract: _____ Labsampid: A5C0005597
Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): G5033.RR Date Analyzed: 10/17/2005
Instrument ID: HP5973G Time Analyzed: 19:14
GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		255055	8.70	230771	11.06	511603	5.80
UPPER LIMIT		510110	9.20	461542	11.56	1023206	6.30
LOWER LIMIT		127528	8.20	115386	10.56	255802	5.30
CLIENT SAMPLE	Lab Sample ID						
1 INFLUENT GRAB 1-4 DL	A5B05107DL	258204	8.70	230765	11.06	516105	5.81
2 MSB41	A5B27503	255610	8.70	231506	11.06	512489	5.81
3 VBLK41	A5B27504	252457	8.70	230423	11.06	503836	5.81

AREA UNIT RT
QC LIMITS 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

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A5B05105	EFFLUENT COMPOSITE	GW	10/04/2005	16:25	10/04/2005	17:50
A5B05106	EFFLUENT GRAB 1-4	GW	10/04/2005	16:25	10/04/2005	17:50
A5B05107	INFLUENT GRAB 1-4	GW	10/04/2005	16:25	10/04/2005	17:50

METHODS SUMMARY

Job#: A05-B275STL Project#: NY3A9023Site Name: Earth Tech, Inc. - Scott Aviation site

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

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.

NON-CONFORMANCE SUMMARY

Job#: A05-B275STL Project#: NY3A9023Site Name: Earth Tech, Inc. - Scott Aviation siteGeneral 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

A05-B275

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

Lab to composite volatile samples for points EFFLUENT GRAB1-4 and INFLUENT GRAB 1-4 by date/time.

SAMPLES STORED IN A05-B051.

GC/MS Volatile Data

All samples were preserved to a PH less than 2.

All volatile samples were composited in the laboratory, prior to analysis.

Initial calibration standard curve A5I0002148-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 6.50%.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

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.

"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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

11-1-85

Date

Chain Of Custody Documentation

