Tyco
9 Roszel Road
Princeton, NJ 08540 USA

February 6, 2015

Ms. Laura Surdej
Erie County Department of Environment and Planning
Division of Sewerage Management
Erie County Sewer District # 6
260 Lehigh Avenue
Lackawanna, New York 14218

RE: First Quarter 2015 Discharge Monitoring Report
Scott Technologies, Inc., Groundwater Remediation Site, Lancaster, New York
NYSDEC Site 9-15-149
EC/BPDES Permit No. 14-04-E4045

Dear Ms. Surdej:

Scott Technologies, Inc. is pleased to provide you with the enclosed First Quarter 2015 Discharge Monitoring Report for the Scott Technologies Groundwater Remediation Site located at AVOX Systems Inc., 25A Walter Winter Drive, Lancaster, New York 14086. This report is submitted in partial fulfillment of Erie County/Buffalo Pollution Discharge Elimination System (EC/BPDES) Permit No. 14-04-E4045, effective April 1, 2014 and the updated Part II: General Conditions dated March 24, 2014.

Scott Technologies commissioned AECOM, with an office located in Amherst, New York, to perform the required EC/BPDES quarterly sampling during the month of January 2015 and to prepare the enclosed report with the results.

I certify under the penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the systems, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for known violations.

Scott Technologies will continue to monitor the influent and effluent of the active remediation system located at the Site on a quarterly basis. The next scheduled quarterly discharge monitoring report is due by May 31, 2015.

If you have any questions regarding this submittal, please do not hesitate to contact me at the above address or at jjaneczek@tyco.com.

Very truly yours,
Scott Technologies, Inc.

Joseph Janeczek PE, ARM
Director - Global Environmental Programs & Corporate Social Responsibility
Tyco International

\enclosures

cc: Mr. Al Alagna, Buffalo Sewer Authority (electronic copy sent by AECOM)
Mr. Glenn May, NYSDEC Region 9 (electronic copy sent by AECOM)
Ms. Jennifer Davide, AVOX Systems Inc. (electronic copy sent by AECOM)
Ms. Julia Ispentchian, Tyco International (electronic copy sent by AECOM)
Facility File, Lancaster, NY (hard copy sent by AECOM)

TABLE

Scott Technologies, Inc. - Groundwater Remediation Site
Lancaster, New York

EC/BPDES Permit No. 14-04-E4045

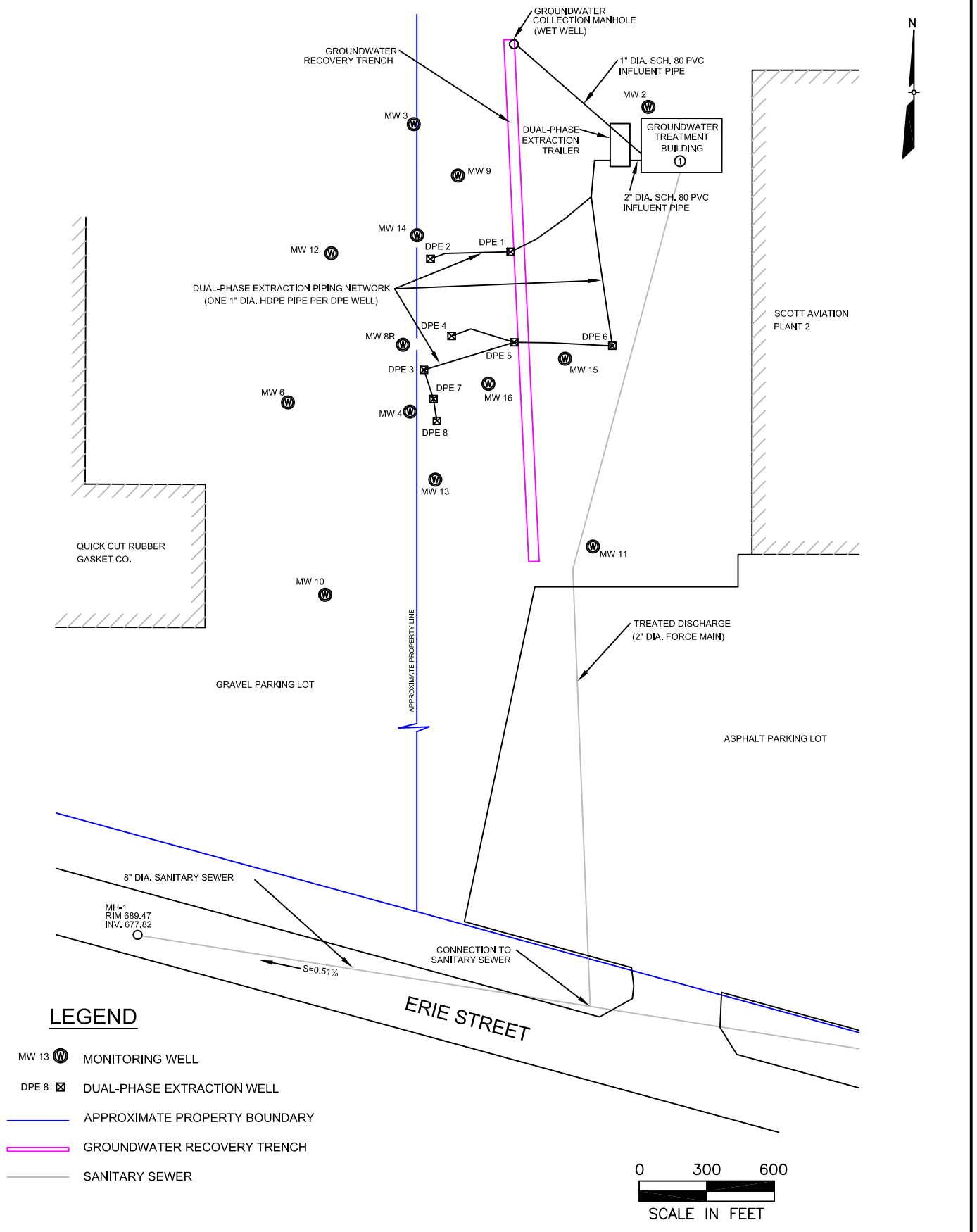
First Quarter 2015 Discharge Monitoring Report
Sample Date - January 20, 2015

Parameter	Units	Discharge Limitations Daily Max	Measured or Calculated Daily Value	Within Limits?
pH (Method SM 4500 H+ B)	SU	5 - 12	8.46	**Y**
Total Extractable Hydrocarbons (Method 1664A)	mg/L	100	< 5.0	**Y**
Total Suspended Solids (Method SM 2540D)	mg/L	250	< 4.0	**Y**
VOCs (Method 8260C)				
Methylene Chloride	lbs/day	0.12	< 0.000017	**Y**
1,1,1-Trichloroethane	lbs/day	0.09	< 0.000017	**Y**
Trichloroethylene	lbs/day	0.04	< 0.000017	**Y**
Total 1,2-DCE (cis-1,2-DCE and trans-1,2-DCE)	lbs/day	0.02	< 0.00002	**Y**
1,1-Dichloroethane	lbs/day	0.0025	< 0.000017	**Y**
Chloroethane	lbs/day	0.025	0.000117	**Y**
Toluene	lbs/day	0.004	< 0.000017	**Y**
Total Daily Flow (discharge meter reading)	gallons per day	14,000	2,084	**Y**

Notes:

SU	standard units
mg/L	milligrams per liter
ug/L	micrograms per liter
lbs/day	pounds per day
J	Indicates analyte result was reported as an estimated concentration.
< (value)	Indicates calculated concentration less than the reported value, using effluent reporting limit as maximum possible concentration
	DPE system was not running during sample collection.

FIGURES



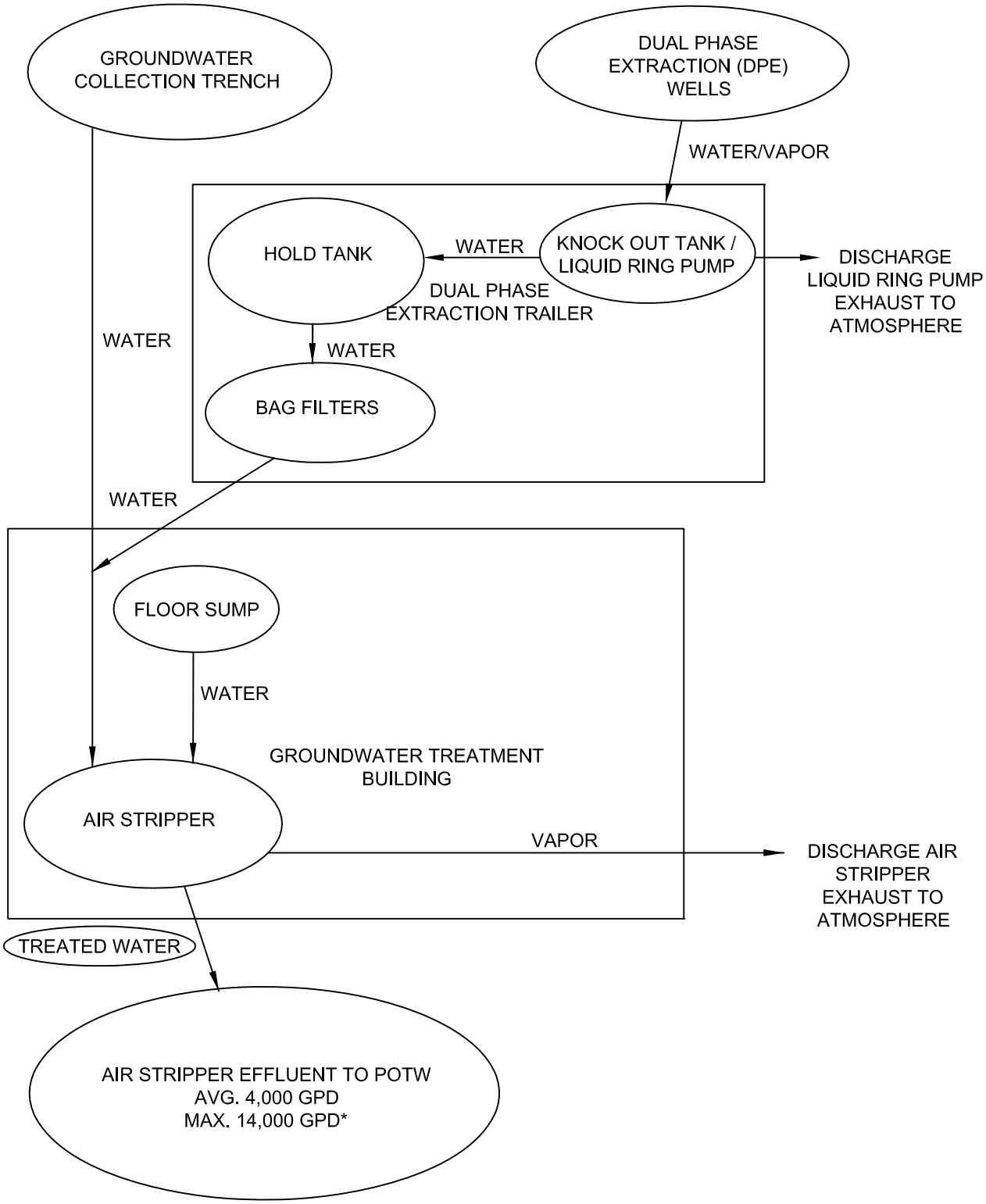
AECOM

FIGURE 1
DUAL PHASE EXTRACTION SYSTEM LOCATION MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

60288479

L:\work\71149\CADD\71149_056 Dual Phase Extract Sys Loc Map.dwg, 7/24/2013 4:42:33 PM, Splawnm



*PER DISCHARGE PERMIT NO. 14-04-E4045

AECOM

FIGURE 2
COMBINED DUAL PHASE EXTRACTION REMEDIATION SYSTEM FLOW DIAGRAM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

60288479

L:\work\71149\CADD\71149_051 Combined Dual Ph Ext Rem Sys Flow Dia.dwg, 7/24/2013 4:41:11 PM, Splawnm

DAILY FIELD LOG

DAILY FIELD LOG

AECOM

Project	Scott Technologies, Inc., Groundwater Remediation Site, Lancaster, NY
Date	20-Jan-15
Weather	Cloudy
Temperature Range	15 deg F
AECOM Personnel on Site	Dino Zack
Time on Site	07:00 - 16:45 hrs

Air Stripper Totalizer Start Sampling*	5,564,471	gallons	7:45 hrs
Air Stripper Totalizer After Sampling*	5,565,095	gallons	15:45 hrs

Summary of Sample Activities

Time = 07:45 hrs
pH = 8
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, from influent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from influent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from influent tap. Water quality is clear with slight odor (no sheen).

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, respectively, from effluent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Time = 09:50 hrs
pH = 8
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, from influent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from influent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from influent tap. Water quality is clear with slight odor (no sheen).

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, respectively, from effluent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Time = 13:05 hrs
pH = 8
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, from influent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from influent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from influent tap. Water quality is clear with slight odor (no sheen).

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, respectively, from effluent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Time = 15:45 hrs
pH = 8
Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, from influent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from influent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from influent tap. Water quality is clear with slight odor (no sheen).

Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, respectively, from effluent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Comments

*AS effluent totalizer was down; AS (GWCT) influent totalizer was running.
GWCT running at time of sample collection; DPE down due to November 2014 injection.
Air sample collected on 1/20/15 at 16:00 hrs from AS effluent for TO-15 analysis.

Maintain samples at 4 degrees C. Hand deliver samples to TestAmerica Laboratories, Inc. (Amherst, NY) under COC on 1/21/15 for analysis. Request laboratory to composite 40-ml samples and analyze for VOCs (8260C). Request laboratory to analyze influent and effluent samples for TEH (1664A), TSS (SM 2540D), and pH (SM 4500 H+B).

Signature: Dino J. Zack **Date:** 21-Jan-15

LABORATORY REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-74488-1
Client Project/Site: Scott Aviation site
Sampling Event: Influent/Effluent analysis

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, New York 14226

Attn: Mr. Dino Zack

Joseph V. Giacomazza

Authorized for release by:
2/3/2015 11:25:15 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

Table of Contents

Definitions/Glossary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-74488-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-74488-1

Receipt
The samples were received on 1/21/2015 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC/MS VOA
Method(s) 8260C: The following samples were composited by the laboratory on 01-31-15 as requested on the chain-of-custody: EFFLUENT (480-74488-2), INFLUENT (480-74488-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) 9040C, SM 4500 H+ B: The following sample(s) was received outside of holding time: EFFLUENT (480-74488-2), INFLUENT (480-74488-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Client Sample ID: INFLUENT
Date Collected: 01/20/15 07:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74488-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/31/15 12:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/15 12:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/31/15 12:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/15 12:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/15 12:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/15 12:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/31/15 12:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/31/15 12:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/31/15 12:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/31/15 12:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/15 12:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/15 12:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/31/15 12:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/31/15 12:55	1
2-Butanone (MEK)	**1.4**	**J**	10	1.3	ug/L			01/31/15 12:55	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/15 12:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/15 12:55	1
Acetone	**3.8**	**J**	10	3.0	ug/L			01/31/15 12:55	1
Benzene	ND		1.0	0.41	ug/L			01/31/15 12:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/15 12:55	1
Bromoform	ND		1.0	0.26	ug/L			01/31/15 12:55	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/15 12:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/15 12:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/15 12:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/15 12:55	1
Chloroethane	**50**		1.0	0.32	ug/L			01/31/15 12:55	1
Chloroform	ND		1.0	0.34	ug/L			01/31/15 12:55	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/15 12:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/15 12:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/15 12:55	1
Cyclohexane	ND		1.0	0.18	ug/L			01/31/15 12:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/15 12:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/31/15 12:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/15 12:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/31/15 12:55	1
Methyl acetate	ND		2.5	0.50	ug/L			01/31/15 12:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/31/15 12:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/31/15 12:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/15 12:55	1
Styrene	ND		1.0	0.73	ug/L			01/31/15 12:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/15 12:55	1
Toluene	**2.8**		1.0	0.51	ug/L			01/31/15 12:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/15 12:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/15 12:55	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/15 12:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/31/15 12:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/15 12:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/15 12:55	1

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Client Sample ID: INFLUENT
Date Collected: 01/20/15 07:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74488-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*01/31/15 12:55*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*01/31/15 12:55*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*01/31/15 12:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (1664A)	ND		5.0	1.9	mg/L		01/29/15 09:08	01/29/15 12:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/27/15 10:17	1
pH	**7.54**	**HF**	0.100	0.100	SU			01/22/15 10:34	1

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Client Sample ID: EFFLUENT
Date Collected: 01/20/15 07:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74488-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/31/15 13:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/15 13:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/31/15 13:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/15 13:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/15 13:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/15 13:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/31/15 13:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/31/15 13:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/31/15 13:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/31/15 13:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/15 13:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/15 13:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/31/15 13:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/31/15 13:21	1
2-Butanone (MEK)	**1.5**	**J**	10	1.3	ug/L			01/31/15 13:21	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/15 13:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/15 13:21	1
Acetone	**4.2**	**J**	10	3.0	ug/L			01/31/15 13:21	1
Benzene	ND		1.0	0.41	ug/L			01/31/15 13:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/15 13:21	1
Bromoform	ND		1.0	0.26	ug/L			01/31/15 13:21	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/15 13:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/15 13:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/15 13:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/15 13:21	1
Chloroethane	**6.7**		1.0	0.32	ug/L			01/31/15 13:21	1
Chloroform	ND		1.0	0.34	ug/L			01/31/15 13:21	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/15 13:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/15 13:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/15 13:21	1
Cyclohexane	ND		1.0	0.18	ug/L			01/31/15 13:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/15 13:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/31/15 13:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/15 13:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/31/15 13:21	1
Methyl acetate	ND		2.5	0.50	ug/L			01/31/15 13:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/31/15 13:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/31/15 13:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/15 13:21	1
Styrene	ND		1.0	0.73	ug/L			01/31/15 13:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/15 13:21	1
Toluene	ND		1.0	0.51	ug/L			01/31/15 13:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/15 13:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/15 13:21	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/15 13:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/31/15 13:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/15 13:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/15 13:21	1

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Client Sample ID: EFFLUENT
Date Collected: 01/20/15 07:45
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74488-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*01/31/15 13:21*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*01/31/15 13:21*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*01/31/15 13:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (1664A)	ND		5.0	1.9	mg/L		01/29/15 09:08	01/29/15 12:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/27/15 10:17	1
pH	**8.44**	**HF**	0.100	0.100	SU			01/22/15 10:37	1

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Client Sample ID: Trip Blank
Date Collected: 01/20/15 00:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74488-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/30/15 23:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/30/15 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/30/15 23:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/30/15 23:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/30/15 23:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/30/15 23:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/30/15 23:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/30/15 23:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/30/15 23:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/30/15 23:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/30/15 23:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/30/15 23:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/30/15 23:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/30/15 23:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/30/15 23:49	1
2-Hexanone	ND		5.0	1.2	ug/L			01/30/15 23:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/30/15 23:49	1
Acetone	ND		10	3.0	ug/L			01/30/15 23:49	1
Benzene	ND		1.0	0.41	ug/L			01/30/15 23:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/30/15 23:49	1
Bromoform	ND		1.0	0.26	ug/L			01/30/15 23:49	1
Bromomethane	ND		1.0	0.69	ug/L			01/30/15 23:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/30/15 23:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/30/15 23:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/30/15 23:49	1
Chloroethane	ND		1.0	0.32	ug/L			01/30/15 23:49	1
Chloroform	ND		1.0	0.34	ug/L			01/30/15 23:49	1
Chloromethane	ND		1.0	0.35	ug/L			01/30/15 23:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/30/15 23:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/30/15 23:49	1
Cyclohexane	ND		1.0	0.18	ug/L			01/30/15 23:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/30/15 23:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/30/15 23:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/30/15 23:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/30/15 23:49	1
Methyl acetate	ND		2.5	0.50	ug/L			01/30/15 23:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/30/15 23:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/30/15 23:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/30/15 23:49	1
Styrene	ND		1.0	0.73	ug/L			01/30/15 23:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/30/15 23:49	1
Toluene	ND		1.0	0.51	ug/L			01/30/15 23:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/30/15 23:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/30/15 23:49	1
Trichloroethene	ND		1.0	0.46	ug/L			01/30/15 23:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/30/15 23:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/30/15 23:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/30/15 23:49	1

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Client Sample ID: Trip Blank
Date Collected: 01/20/15 00:00
Date Received: 01/21/15 12:00

Lab Sample ID: 480-74488-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		01/30/15 23:49	1
4-Bromofluorobenzene (Surr)	98		73 - 120		01/30/15 23:49	1
Toluene-d8 (Surr)	100		71 - 126		01/30/15 23:49	1

Lab Chronicle

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-74488-1

Date Collected: 01/20/15 07:45

Matrix: Water

Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225188	01/31/15 12:55	RAS	TAL BUF
Total/NA	Prep	1664A			224909	01/29/15 09:08	KC	TAL BUF
Total/NA	Analysis	1664A		1	224950	01/29/15 12:34	KC	TAL BUF
Total/NA	Analysis	SM 2540D		1	224575	01/27/15 10:17	RP	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	224023	01/22/15 10:34	MDL	TAL BUF

Client Sample ID: EFFLUENT

Lab Sample ID: 480-74488-2

Date Collected: 01/20/15 07:45

Matrix: Water

Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225188	01/31/15 13:21	RAS	TAL BUF
Total/NA	Prep	1664A			224909	01/29/15 09:08	KC	TAL BUF
Total/NA	Analysis	1664A		1	224950	01/29/15 12:34	KC	TAL BUF
Total/NA	Analysis	SM 2540D		1	224575	01/27/15 10:17	RP	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	224023	01/22/15 10:37	MDL	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-74488-3

Date Collected: 01/20/15 00:00

Matrix: Water

Date Received: 01/21/15 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	225155	01/30/15 23:49	EDB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15 *

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH

* Certification renewal pending - certification considered valid.

Method Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
1664A	HEM and SGT-HEM	1664A	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

Protocol References:

1664A = EPA-821-98-002

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AECOM, Inc.
Project/Site: Scott Aviation site

TestAmerica Job ID: 480-74488-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-74488-1	INFLUENT	Water	01/20/15 07:45	01/21/15 12:00
480-74488-2	EFFLUENT	Water	01/20/15 07:45	01/21/15 12:00
480-74488-3	Trip Blank	Water	01/20/15 00:00	01/21/15 12:00

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-74488-1

Login Number: 74488

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
AECOM	Dino Zack	1/20/15	277612
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page**
100 Corporate Parkway Suite 341	716 836 4506 ext 15	Buffalo	Page 1 of 1
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Amherst / NY / 14226	Dino Zack	Brian Fischer	
Project Name and Location (State)	**Carrier/Waybill Number**		
Former South Avenue IQ15, NY			
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.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 1664A - TPH	8260C - TCL	2540D - TSS	SM4500 - H	Special Instructions/ Conditions of Receipt
Influent	1/20/15	0745		Y			2	2		8			X	X	X	X	
Effluent	1/20/15	0745		X			2	2		8			X	X	X	X	
Trip	1/20/15			X						2				X			

480-74488 Chain of Custody

Page 16 of 16

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ 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)

	Relinquished By	Date	Time	Received By	Date	Time
1.		1/20/15	1800 hrs		1/21/15	1105
2.		1/21/15	1200	TA BUFF	1/21/15	1200
3.						

Comments
composite Influent Grab 1, 2, 3, 4 and Effluent Grab 1, 2, 3, 4 #7 3.1
call w/ questions - 716-866-8222 - Dino Zack cell

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

2/3/2015