



John Perkins
Sr. Director
Environment, Health & Safety

Tyco Fire Protection
1501 Yamato Road
Boca Raton, FL 33431USA

Tele: 561-226-3481
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May 1, 2012

Ms. Laura Surdej
Erie County Department of Environment & Planning
Southtowns Sewage Treatment Plant
S-3690 Lakeshore Blvd.
Buffalo, New York 14219

RE: Second Quarter 2012 Discharge Monitoring Report
Scott Technologies, Inc., Groundwater Remediation Site
NYSDEC Site 9-15-149
EC/BPDES Permit No. 11-03-E4045

Dear Ms. Surdej:

Scott Technologies, Inc. is pleased to provide you with the enclosed Second Quarter 2012 Discharge Monitoring Report for the Scott Technologies, Inc., Groundwater Remediation Site located at AVOX Systems Inc., 25A 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. 11-03-E4045, effective April 1, 2011. Scott Technologies, Inc. commissioned AECOM, with an office located in Amherst, New York, to perform the required EC/BPDES quarterly sampling during the month of April 2012.

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 of the active remediation system located at the Site on a quarterly basis. The next scheduled quarterly discharge monitoring report is due by August 31, 2012.

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

Very truly yours,
Scott Technologies, Inc.

John Perkins
Sr. Director, Environment, Health, & Safety
Tyco Fire Protection

\enclosures

cc: Mr. Dennis Young, Buffalo Sewer Authority (electronic copy sent by AECOM)
Mr. Glenn May, NYSDEC Region 9 (electronic copy sent by AECOM)

Ms. Laura Surdej
May 1, 2012
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Ms. Deanna Ripstein, NYSDOH Western Region (electronic copy sent by AECOM)
Mr. Joseph Gabner, AVOX Systems Inc. (hard copy sent by AECOM)
Mr. Eric Frauen, O&M, Inc. (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. 11-03-E4045

**Second Quarter 2012 Discharge Monitoring Report
Sample Date - April 2, 2012**

Parameter	Units	Discharge Limitations Daily Max	Calculated Daily Value	Within Limits?
pH (method 160.1)	SU	5 - 12	8.31	Y
Total Extractable Hydrocarbons (method 1664 SGT)	mg/L	100	< 5.0	Y
Total Suspended Solids (method 160.2)	mg/L	250	46.0	Y
<u>VOCs (ASP00 method 8260)</u>				
Methylene Chloride	lbs/day	0.12	< 0.000020	Y
1,1,1-Trichloroethane	lbs/day	0.09	< 0.000020	Y
Trichloroethylene	lbs/day	0.04	0.000027	Y
Total 1,2-DCE (cis-1,2-DCE and trans-1,2-DCE)	lbs/day	0.02	< 0.000020	Y
1,1-Dichloroethane	lbs/day	0.0025	< 0.000020	Y
Chloroethane	lbs/day	0.025	< 0.000020	Y
Toluene	lbs/day	0.004	< 0.000020	Y
Total Daily Flow (discharge meter reading)	gallons per day	14,000	2,348	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

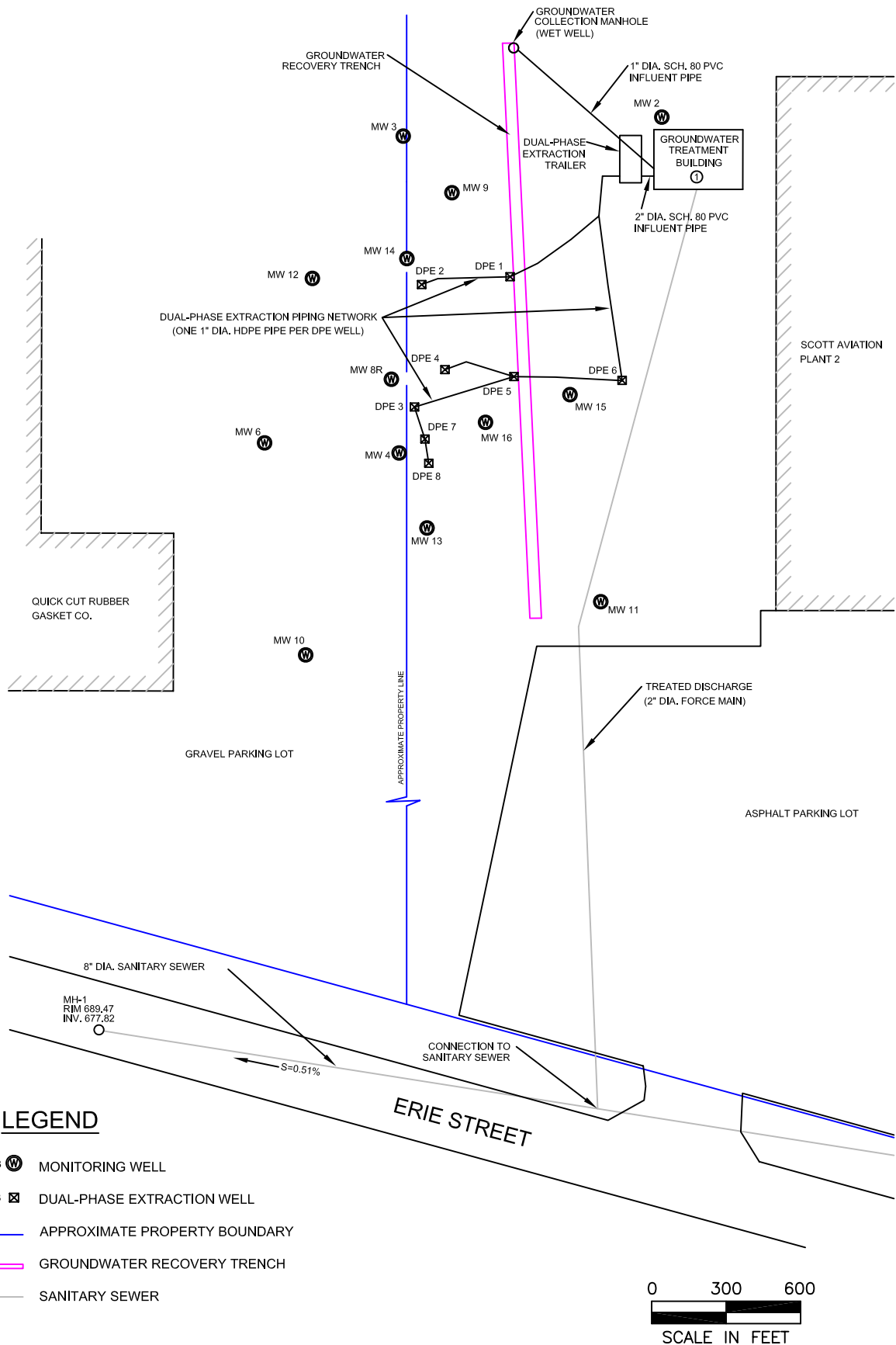
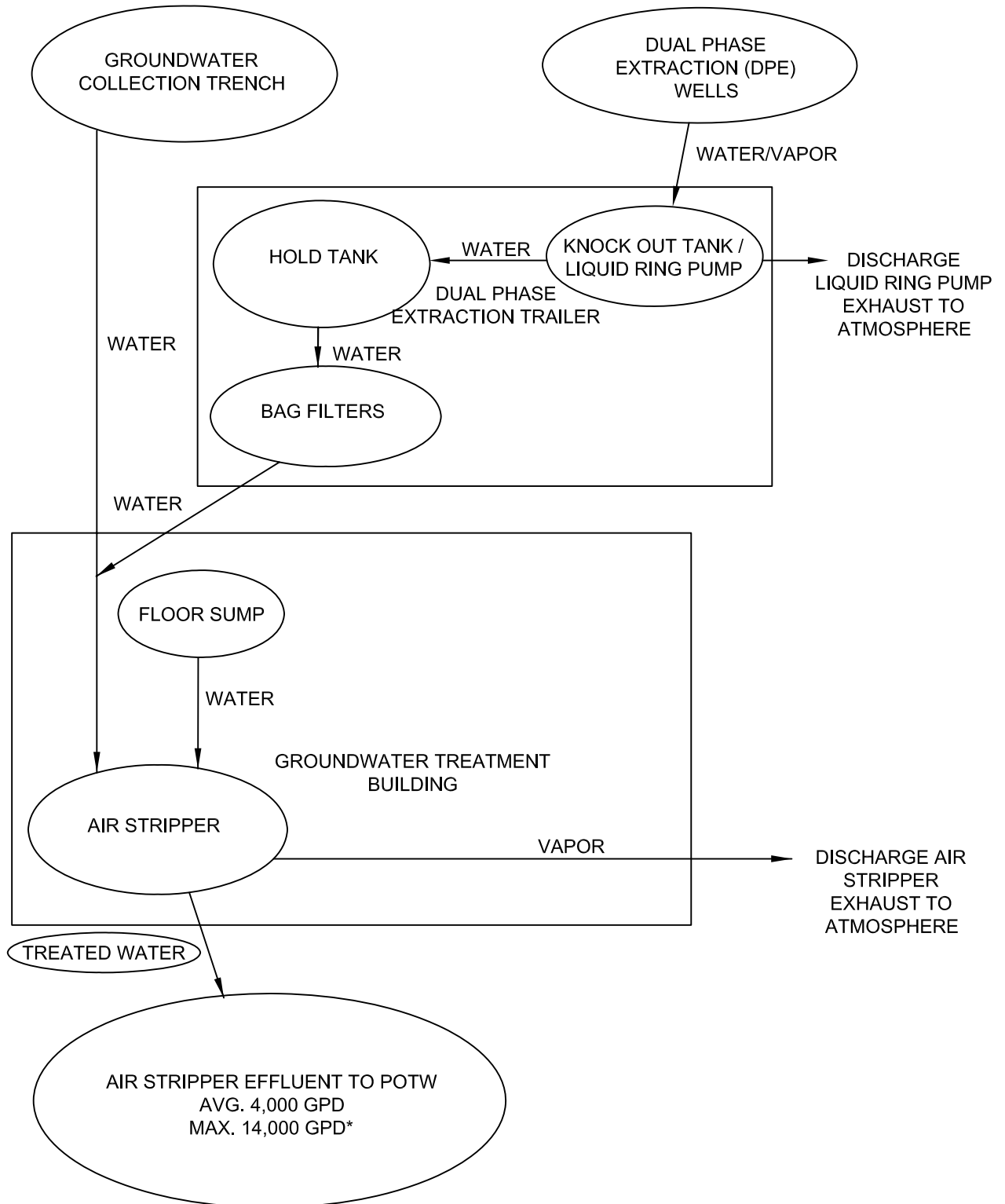


FIGURE 1
DUAL PHASE EXTRACTION SYSTEM
LOCATION MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

60147012



*PER DISCHARGE PERMIT NO. 08-02-E4045



FIGURE 2
COMBINED DUAL PHASE EXTRACTION
REMEDATION SYSTEM FLOW DIAGRAM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

60147012

DAILY FIELD LOG

DAILY FIELD LOG

AECOM

Project Scott Technologies, Inc., Groundwater Remediation Site, Lancaster, NY
Date 2-Apr-12
Weather Sunny
Temperature Range 45 deg F
AECOM Personnel on Site Dino Zack
Time on Site 07:00 - 16:30 hrs

Air Stripper Totalizer Before Sampling 209,908 gallons (07:00 hrs)
Air Stripper Totalizer After Sampling 210,803 gallons (15:00 hrs)

Summary of Sample Activities

Time = 07:00 hrs
 pH = 8

Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 1, 1-L clear glass bottle (preserved with H₂SO₄) 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 1, 1-L clear glass bottle (preserved with H₂SO₄) 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 = 10:00 hrs
 pH = 8

Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 1, 1-L clear glass bottle (preserved with H₂SO₄) 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 1, 1-L clear glass bottle (preserved with H₂SO₄) 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 = 13:00 hrs
 pH = 8

Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 1, 1-L clear glass bottle (preserved with H₂SO₄) 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 1, 1-L clear glass bottle (preserved with H₂SO₄) 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 = 15:00 hrs
 pH = 8

Fill 2, 40-ml vials (preserved with HCl) from influent sample tap. Fill 1, 1-L clear glass bottle (preserved with H₂SO₄) 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).

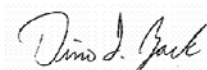
Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 1, 1-L clear glass bottle (preserved with H₂SO₄) 1/4 full, respectively, from effluent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Water quality is clear with no discernable odor or sheen.

Comments

DPE system and GWCT running at time of sample collection.

Air samples collected on 4/2/12 at 08:00 hrs from AS effluent and LRP effluent for TO-15 analysis.

Maintain samples at 4 degrees C. Hand deliver samples to TestAmerica Laboratories, Inc. (Amherst, NY) under COC on 4/3/12 for analysis. Request laboratory to composite 40-ml samples and analyze for VOCs (8260; TCL and STARS). Request laboratory to analyze influent and effluent samples for TEH (1664), TSS (160.2), and pH.

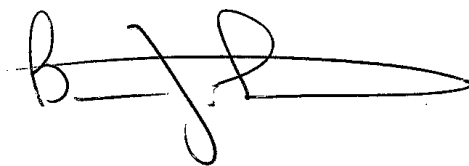
Signature:

Date: 2-Apr-12

LABORATORY REPORT

ANALYTICAL REPORT

Job Number: 480-18019-1
Job Description: Scott Aviation site
Sampling Event: Influent/Effluent analysis

For:
AECOM, Inc.
100 Corporate Parkway
Suite 341
Amherst, NY 14226
Attention: Mr. Dino Zack



Approved for release.
Brian Fischer
Project Manager II
4/17/2012 10:30 AM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com
04/17/2012

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

TestAmerica Laboratories, Inc.

TestAmerica Buffalo 10 Hazelwood Drive, Amherst, NY 14228-2298
Tel (716) 691-2600 Fax (716) 691-7991 www.testamericainc.com



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Job Narrative
480-18019-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: INFLUENT (480-18019-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample(s) was composited by the laboratory on 4/7/12 as requested on the chain-of-custody: EFFLUENT (480-18019-1), INFLUENT (480-18019-2).

Method(s) 8260B: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 58561: Dichlorodifluoromethane. These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data have been reported.

No other analytical or quality issues were noted.

General Chemistry

Method(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: EFFLUENT (480-18019-1), INFLUENT (480-18019-2)

No other analytical or quality issues were noted.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-18019-1

SDG No.: _____

Instrument ID: HP5973S Analysis Batch Number: 56067Lab Sample ID: STD 480-56067/3 IC Client Sample ID: _____Date Analyzed: 03/21/12 00:06 Lab File ID: S12028.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.48	Split Peak	coderd	03/21/12 09:57

Lab Sample ID: STD 480-56067/5 IC Client Sample ID: _____Date Analyzed: 03/21/12 00:49 Lab File ID: S12030.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	1.88	Split Peak	coderd	03/21/12 09:58

Lab Sample ID: STD 480-56067/7 IC Client Sample ID: _____Date Analyzed: 03/21/12 01:33 Lab File ID: S12032.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.79	Split Peak	coderd	03/21/12 09:59

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-18019-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-18019-1	EFFLUENT	Water	04/02/2012 0700	04/03/2012 1734
480-18019-2	INFLUENT	Water	04/02/2012 0700	04/03/2012 1734
480-18019-3TB	Trip Blank	Water	04/02/2012 0000	04/03/2012 1734

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-18019-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Analyte						
480-18019-1 EFFLUENT						
2-Butanone (MEK)		2.1	J	10	ug/L	8260B
Acetone		11		10	ug/L	8260B
cis-1,2-Dichloroethene		6.3		1.0	ug/L	8260B
Trichloroethene		1.4		1.0	ug/L	8260B
Total Suspended Solids		46.0		4.0	mg/L	SM 2540D
pH		8.31	HF	0.100	SU	SM 4500 H+ B
480-18019-2 INFLUENT						
1,1,2,2-Tetrachloroethane		0.41	J	1.0	ug/L	8260B
1,1-Dichloroethane		3.4		1.0	ug/L	8260B
2-Butanone (MEK)		3.6	J	10	ug/L	8260B
Acetone		21		10	ug/L	8260B
Chloroethane		3.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		120		2.0	ug/L	8260B
Trichloroethene		47		1.0	ug/L	8260B
Vinyl chloride		3.4		1.0	ug/L	8260B
Total Petroleum Hydrocarbons (1664A)		2.4	J	5.0	mg/L	1664A
Total Suspended Solids		115		4.0	mg/L	SM 2540D
pH		8.21	HF	0.100	SU	SM 4500 H+ B

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-18019-1

Description		Lab Location	Method	Preparation Method
Matrix	Water			
Volatile Organic Compounds (GC/MS)		TAL BUF	SW846 8260B	
Purge and Trap		TAL BUF		SW846 5030B
HEM and SGT-HEM		TAL BUF	1664A 1664A	
HEM and SGT-HEM (SPE)		TAL BUF		1664A 1664A
Solids, Total Suspended (TSS)		TAL BUF	SM SM 2540D	
pH		TAL BUF	SM SM 4500 H+ B	

Lab References:

TAL BUF = TestAmerica Buffalo

Method 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.

METHOD / ANALYST SUMMARY

Client: AECOM, Inc.

Job Number: 480-18019-1

Method	Analyst	Analyst ID
SW846 8260B	Coder, David	DC
SW846 8260B	Larson, Renee	RL
1664A 1664A	Wu, Leon Y	LYW
SM SM 2540D	Javed, Khansa	KJ
SM SM 4500 H+ B	Nyznyk, Elizabeth G	EGN

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-18019-1

Client Matrix: Water

Date Sampled: 04/02/2012 0700

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58561	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12745.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 0054			Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 0054				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	2.1	J	1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	11		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	6.3		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	1.4		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-18019-1

Date Sampled: 04/02/2012 0700

Client Matrix: Water

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58561	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12745.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 0054			Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 0054				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
Toluene-d8 (Surr)	121		71 - 126
4-Bromofluorobenzene (Surr)	108		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-18019-2

Client Matrix: Water

Date Sampled: 04/02/2012 0700

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58561	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12746.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 0116			Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 0116				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	0.41	J	0.21	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1-Dichloroethane	3.4		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Hexanone	ND		1.2	5.0
2-Butanone (MEK)	3.6	J	1.3	10
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	21		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Dibromochloromethane	ND		0.32	1.0
Chloroethane	3.8		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	130	E	0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	47		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-18019-2

Date Sampled: 04/02/2012 0700

Client Matrix: Water

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58561	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12746.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 0116			Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 0116				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3.4		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
Toluene-d8 (Surr)	121		71 - 126
4-Bromofluorobenzene (Surr)	108		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-18019-2

Client Matrix: Water

Date Sampled: 04/02/2012 0700

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58591	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12771.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 1445	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 1445				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		1.6	2.0
1,1,2,2-Tetrachloroethane	ND		0.42	2.0
1,1,2-Trichloroethane	ND		0.46	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.62	2.0
1,1-Dichloroethane	3.1		0.76	2.0
1,1-Dichloroethene	ND		0.58	2.0
1,2,4-Trichlorobenzene	ND		0.82	2.0
1,2-Dibromo-3-Chloropropane	ND		0.78	2.0
1,2-Dibromoethane	ND		1.5	2.0
1,2-Dichlorobenzene	ND		1.6	2.0
1,2-Dichloroethane	ND		0.42	2.0
1,2-Dichloropropane	ND		1.4	2.0
1,3-Dichlorobenzene	ND		1.6	2.0
1,4-Dichlorobenzene	ND		1.7	2.0
2-Hexanone	ND		2.5	10
2-Butanone (MEK)	4.0	J	2.6	20
4-Methyl-2-pentanone (MIBK)	ND		4.2	10
Acetone	22		6.0	20
Benzene	ND		0.82	2.0
Bromodichloromethane	ND		0.78	2.0
Bromoform	ND		0.52	2.0
Bromomethane	ND		1.4	2.0
Carbon disulfide	ND		0.38	2.0
Carbon tetrachloride	ND		0.54	2.0
Chlorobenzene	ND		1.5	2.0
Dibromochloromethane	ND		0.64	2.0
Chloroethane	2.9		0.64	2.0
Chloroform	ND		0.68	2.0
Chloromethane	ND		0.70	2.0
cis-1,2-Dichloroethene	120		1.6	2.0
cis-1,3-Dichloropropene	ND		0.72	2.0
Cyclohexane	ND		0.36	2.0
Dichlorodifluoromethane	ND		1.4	2.0
Ethylbenzene	ND		1.5	2.0
Isopropylbenzene	ND		1.6	2.0
Methyl acetate	ND		1.0	2.0
Methyl tert-butyl ether	ND		0.32	2.0
Methylcyclohexane	ND		0.32	2.0
Methylene Chloride	ND		0.88	2.0
Styrene	ND		1.5	2.0
Tetrachloroethene	ND		0.72	2.0
Toluene	ND		1.0	2.0
trans-1,2-Dichloroethene	ND		1.8	2.0
trans-1,3-Dichloropropene	ND		0.74	2.0
Trichloroethene	38		0.92	2.0
Trichlorofluoromethane	ND		1.8	2.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-18019-2

Date Sampled: 04/02/2012 0700

Client Matrix: Water

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58591	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12771.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 1445	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 1445				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	2.6		1.8	2.0
Xylenes, Total	ND		1.3	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		66 - 137
Toluene-d8 (Surr)	121		71 - 126
4-Bromofluorobenzene (Surr)	109		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-18019-3TB

Date Sampled: 04/02/2012 0000

Client Matrix: Water

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58561	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12747.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 0138			Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 0138				

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

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-18019-3TB

Date Sampled: 04/02/2012 0000

Client Matrix: Water

Date Received: 04/03/2012 1734

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-58561	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S12747.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/07/2012 0138			Final Weight/Volume:	5 mL
Prep Date:	04/07/2012 0138				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		66 - 137
Toluene-d8 (Surr)	122		71 - 126
4-Bromofluorobenzene (Surr)	108		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

General Chemistry**Client Sample ID: EFFLUENT**

Lab Sample ID: 480-18019-1

Date Sampled: 04/02/2012 0700

Client Matrix: Water

Date Received: 04/03/2012 1734

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Petroleum Hydrocarbons (1664A)	ND		mg/L	1.9	5.0	1.0	1664A

Analysis Batch: 480-58274

Analysis Date: 04/05/2012 0959

Prep Batch: 480-58270

Prep Date: 04/05/2012 0944

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	46.0		mg/L	4.0	4.0	1.0	SM 2540D

Analysis Batch: 480-58378

Analysis Date: 04/05/2012 1641

pH

8.31

HF

SU

0.100

0.100

1.0

SM 4500 H+ B

Analysis Batch: 480-58025

Analysis Date: 04/03/2012 2158

Analytical Data

Client: AECOM, Inc.

Job Number: 480-18019-1

General Chemistry**Client Sample ID: INFLUENT**

Lab Sample ID: 480-18019-2

Date Sampled: 04/02/2012 0700

Client Matrix: Water

Date Received: 04/03/2012 1734

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Petroleum Hydrocarbons (1664A)	2.4	J	mg/L	1.9	5.0	1.0	1664A

Analysis Batch: 480-58274

Analysis Date: 04/05/2012 0959

Prep Batch: 480-58270

Prep Date: 04/05/2012 0944

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	115		mg/L	4.0	4.0	1.0	SM 2540D

Analysis Batch: 480-58378

Analysis Date: 04/05/2012 1644

pH

8.21

HF

SU

0.100

0.100

1.0

SM 4500 H+ B

Analysis Batch: 480-58025

Analysis Date: 04/03/2012 2201

Client: AECOM, Inc.

Job Number: 480-18019-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-18019-1	EFFLUENT	122	121	108
480-18019-2	INFLUENT	122	121	108
480-18019-2 DL	INFLUENT DL	121	121	109
480-18019-3	Trip Blank	120	122	108
MB 480-58561/5		121	122	109
MB 480-58591/5		119	122	108
LCS 480-58561/4		118	122	111
LCS 480-58591/4		119	122	110

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Shipping and Receiving Documents

Chain of Custody Record

Client Information

Client Contact:
Mr. Dino Zack

Company:
AECOM, Inc.

Address:
100 Corporate Parkway Suite 341

City:
Amherst

State, Zip:
NY, 14226

Phone:

Email:
dino.zack@aecom.com

Project Name:
Scott Aviation site/

2 Q 12

Site:
New York

Sampler:
Dino Zack

Phone:
716-836-4506 ext 15

Lab PM:
Fischer, Brian

E-Mail:
brian.fischer@testamericainc.com

Carrier Tracking No(s):

COC No:
480-22852-1955.1

Page:
Page 1 of 1

Job #:

Analysis Requested

Due Date Requested: Standard TAT

TAT Requested (days):

PO #:

Purchase Order not requir

WO #:

Project #:
48002539

SSOW#:

Preservation Codes:

- A - HCL
- B - NaOH
- C - Zn Acetate
- D - Nitric Acid
- E - NaHSO4
- F - MeOH
- G - Amchlor
- H - Ascorbic Acid
- I - Ice
- J - DI Water
- K - EDTA
- L - EDA
- M - Hexane
- N - None
- O - AsNaO2
- P - Na2O4S
- Q - Na2SO3
- R - Na2S2SO3
- S - H2SO4
- T - TSP Dodecahydrate
- U - Acetone
- V - MCAA
- W - ph 4-5
- X - EDTA
- Y - EDA
- Z - other (specify)

Other:

Special Instructions/Note:

Comp WDC #1, #2, #3, #4
Comp WDC #1, #2, #3, #4

Sample Identification

Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=sediment, O=other solid)
4/2/12	0700	C	Water
4/2/12	0700	C	Water
4/2/12	-	-	Water

EFFLUENT

INFLUENT

Trip Blank

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

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

Empty Kit Relinquished by:

Relinquished by: *Dino Zack*

Date/Time: 4/2/12 1800h

Company

Received by: *[Signature]*

Date/Time: 4-3-12 1210

Company

Company

Relinquished by:

Date/Time:

Company

Relinquished by:

Date/Time:

Company

Company

Custody Seals Intact:
Δ Yes Δ No

Cooler Temperature(s) °C and Other Remarks:

4604

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-18019-1

Login Number: 18019

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

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	
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	