



Tyco
9 Roszel Road
Princeton, NJ 08540 USA

July 24, 2013

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

RE: Third Quarter 2013 Discharge Monitoring Report
Scott Technologies, Inc., Groundwater Remediation Site, Lancaster, New York
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 Third Quarter 2013 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. 11-03-E4045, effective April 1, 2011.

Scott Technologies commissioned AECOM, with an office located in Amherst, New York, to perform the required EC/BPDES quarterly sampling during the month of July 2013 and to prepare the enclosed report with the results.

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 November 30, 2013.

Ms. Laura Surdej
July 24, 2013
Page 2

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

Very truly yours,
Scott Technologies, Inc.

A handwritten signature in blue ink that reads "Stuart I. Rixman". The signature is written in a cursive style with a large, stylized 'S' and 'R'.

Stuart I. Rixman
Manager, EHS Compliance Assurance & Remediation
Tyco International

\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. Deanna Ripstein, NYSDOH Western Region (electronic copy sent by AECOM)
Ms. Jennifer Davide, AVOX Systems Inc. (electronic copy sent by AECOM)
Mr. Eric Frauen, O&M, Inc. (electronic copy sent by AECOM)
Mr. Joseph Janeczek, Tyco International (electronic copy)
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

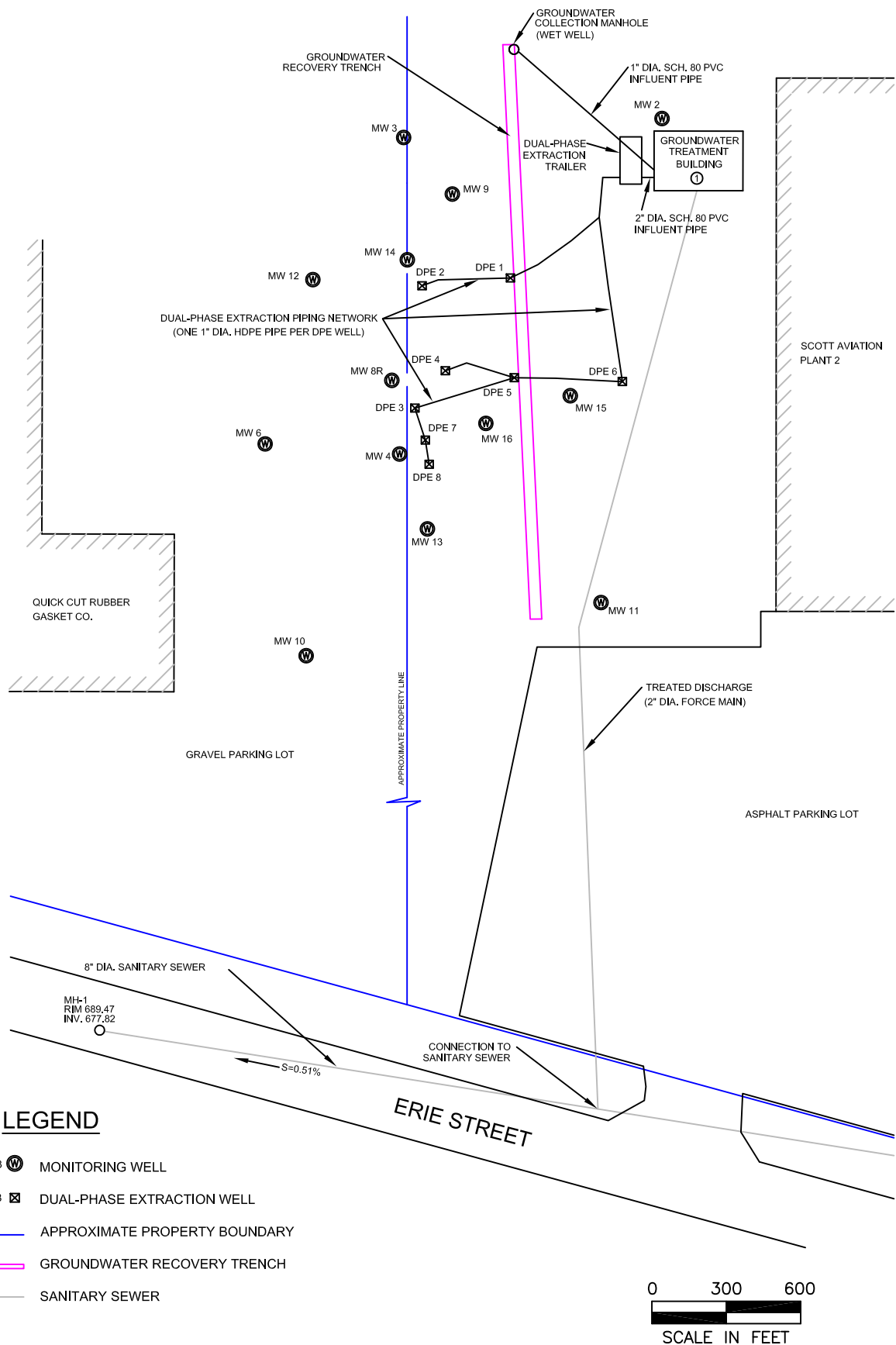
**Third Quarter 2013 Discharge Monitoring Report
Sample Date - July 1, 2013**

Parameter	Units	Discharge Limitations Daily Max	Calculated Daily Value	Within Limits?
pH (method 160.1)	SU	5 - 12	8.23	Y
Total Extractable Hydrocarbons (method 1664 SGT)	mg/L	100	2.1	Y
Total Suspended Solids (method 160.2)	mg/L	250	56	Y
<u>VOCs (ASP00 method 8260)</u>				
Methylene Chloride	lbs/day	0.12	< 0.000029	Y
1,1,1-Trichloroethane	lbs/day	0.09	< 0.000029	Y
Trichloroethylene	lbs/day	0.04	< 0.000029	Y
Total 1,2-DCE (cis-1,2-DCE and trans-1,2-DCE)	lbs/day	0.02	< 0.000029	Y
1,1-Dichloroethane	lbs/day	0.0025	< 0.000029	Y
Chloroethane	lbs/day	0.025	< 0.000029	Y
Toluene	lbs/day	0.004	< 0.000029	Y
Total Daily Flow (discharge meter reading)	gallons per day	14,000	3,527	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.

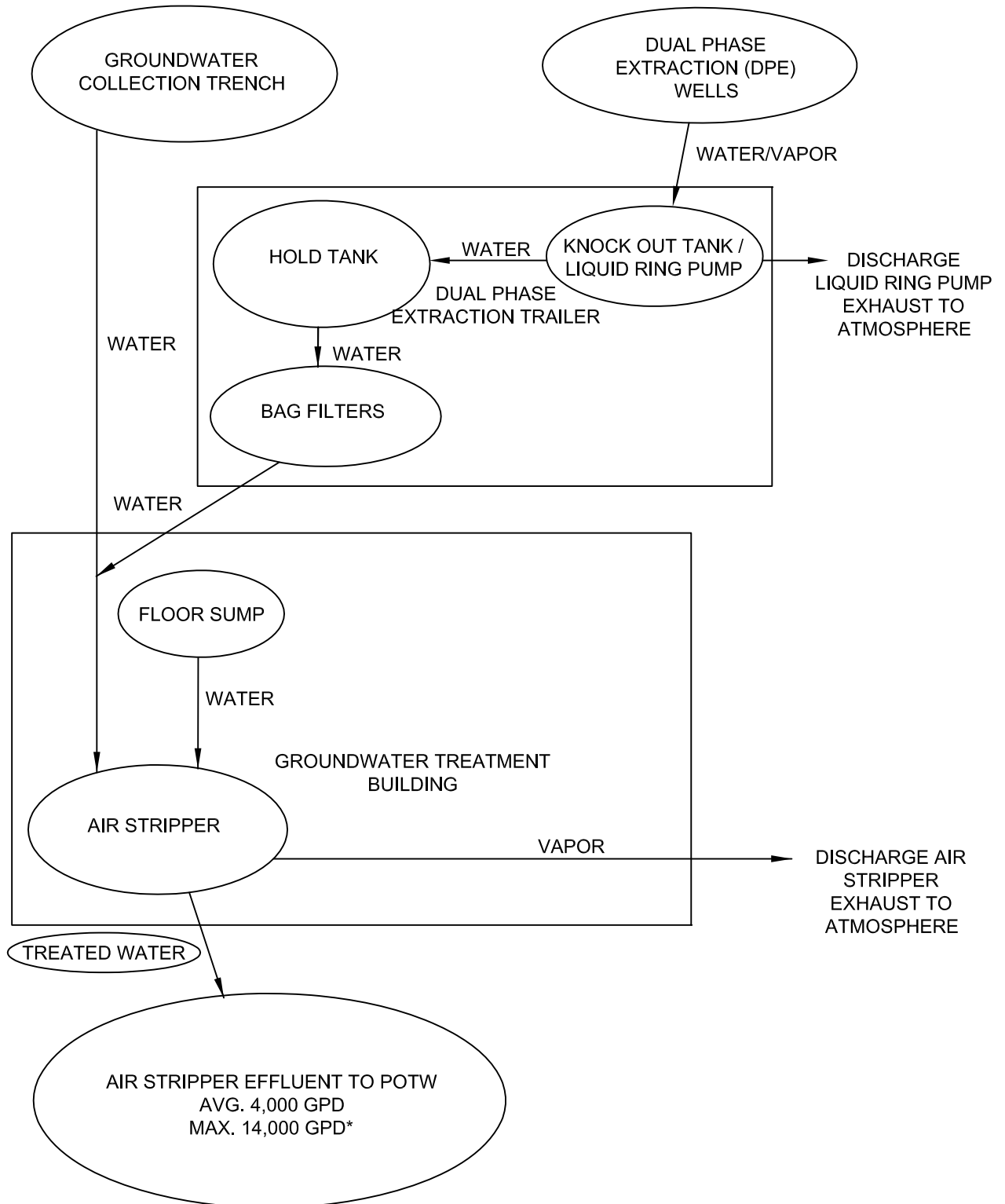
FIGURES



**FIGURE 1
DUAL PHASE EXTRACTION SYSTEM
LOCATION MAP**

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

60288479



*PER DISCHARGE PERMIT NO. 11-03-E4045



FIGURE 2
COMBINED DUAL PHASE EXTRACTION
REMEDATION SYSTEM FLOW DIAGRAM

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

60288479

DAILY FIELD LOG

DAILY FIELD LOG

AECOM

Project Scott Technologies, Inc., Groundwater Remediation Site, Lancaster, NY
Date 1-Jul-13
Weather Cloudy
Temperature Range 70 - 80 deg F
AECOM Personnel on Site Dino Zack and Tamara Raby
Time on Site 07:30 - 16:30 hrs

Air Stripper Totalizer Before Sampling	316,380 gallons	8:20 hrs
Air Stripper Totalizer After Sampling	317,430 gallons	16:00 hrs

Summary of Sample Activities

Time = 8:20 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 = 10:20 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 = 13:30 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 = 16:00 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 7/1/13 at 10:00 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 7/2/13 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:



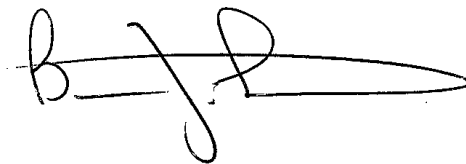
Date: 1-Jul-13

LABORATORY REPORT

ANALYTICAL REPORT

Job Number: 480-41197-1
Job Description: Scott Aviation site

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



Approved for release.
Brian J Fischer
Project Manager II
7/11/2013 5:03 PM

Brian J Fischer, Project Manager II
10 Hazelwood Drive, Amherst, NY, 14228-2298
(716)504-9835
brian.fischer@testamericainc.com
07/11/2013

cc: Ms. Helen Jones

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
480-41197-1

Comments

No additional comments.

Receipt

The samples were received on 7/1/2013 7:08 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA

Method(s) 8260B: The following sample was composited by the laboratory on 07/08/2013 as requested on the chain-of-custody: INFLUENT (480-41197-1), EFFLUENT (480-41197-2).

No other analytical or quality issues were noted.

General Chemistry

Method(s) 1664A: The method blank for batch 128058 contained SGT-HEM above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed. EFFLUENT (480-41197-2), INFLUENT (480-41197-1)

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 (480-41197-2), INFLUENT (480-41197-1)

No other analytical or quality issues were noted.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-41197-1

SDG No.: _____

Instrument ID: HP5973S Analysis Batch Number: 122857Lab Sample ID: IC 480-122857/5 Client Sample ID: _____Date Analyzed: 06/07/13 18:23 Lab File ID: S27009.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	3.00	Peak Tail	larsonr	06/08/13 13:05

Lab Sample ID: IC 480-122857/6 Client Sample ID: _____Date Analyzed: 06/07/13 18:45 Lab File ID: S27010.D GC Column: ZB-624 (60) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexane	4.17	Peak Tail	larsonr	06/08/13 13:07

SAMPLE SUMMARY

Client: AECOM, Inc.

Job Number: 480-41197-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-41197-1	INFLUENT	Water	07/01/2013 0820	07/01/2013 1908
480-41197-2	EFFLUENT	Water	07/01/2013 0820	07/01/2013 1908
480-41197-3TB	Trip Blank	Water	07/01/2013 0820	07/01/2013 1908

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc.

Job Number: 480-41197-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-41197-1 INFLUENT						
1,1-Dichloroethane		2.0		1.0	ug/L	8260B
Acetone		4.1	J	10	ug/L	8260B
Chloroethane		9.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		63		1.0	ug/L	8260B
Trichloroethene		32		1.0	ug/L	8260B
Vinyl chloride		3.0		1.0	ug/L	8260B
Total Petroleum Hydrocarbons (1664A)		1.9	J B	4.8	mg/L	1664A
Total Suspended Solids		8.4		4.0	mg/L	SM 2540D
pH		8.19	HF	0.100	SU	SM 4500 H+ B
480-41197-2 EFFLUENT						
Total Petroleum Hydrocarbons (1664A)		2.1	J B	4.8	mg/L	1664A
Total Suspended Solids		56.0		4.0	mg/L	SM 2540D
pH		8.23	HF	0.100	SU	SM 4500 H+ B

METHOD SUMMARY

Client: AECOM, Inc.

Job Number: 480-41197-1

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: 480-41197-1

Method	Analyst	Analyst ID
SW846 8260B	Ferguson, Tyler R	TRF
SW846 8260B	Larson, Renee A	RAL
1664A 1664A	Wolfe, Larry A	LAW
SM SM 2540D	Sobol, Kevin	KS
SM SM 4500 H+ B	Leader, Michael D	MDL

Analytical Data

Client: AECOM, Inc.

Job Number: 480-41197-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-41197-1

Client Matrix: Water

Date Sampled: 07/01/2013 0820

Date Received: 07/01/2013 1908

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-128026	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S28143.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2013 2312			Final Weight/Volume:	5 mL
Prep Date:	07/09/2013 2312				

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	2.0		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	4.1	J	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	9.5		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	63		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	32		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: AECOM, Inc.

Job Number: 480-41197-1

Client Sample ID: INFLUENT

Lab Sample ID: 480-41197-1

Date Sampled: 07/01/2013 0820

Client Matrix: Water

Date Received: 07/01/2013 1908

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-128026	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S28143.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2013 2312			Final Weight/Volume:	5 mL
Prep Date:	07/09/2013 2312				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	3.0		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	97		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-41197-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-41197-2

Date Sampled: 07/01/2013 0820

Client Matrix: Water

Date Received: 07/01/2013 1908

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-127848	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S28113.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2013 0111			Final Weight/Volume:	5 mL
Prep Date:	07/09/2013 0111				

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: 480-41197-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-41197-2

Date Sampled: 07/01/2013 0820

Client Matrix: Water

Date Received: 07/01/2013 1908

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-127848	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S28113.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2013 0111			Final Weight/Volume:	5 mL
Prep Date:	07/09/2013 0111				

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)	103		66 - 137
Toluene-d8 (Surr)	104		71 - 126
4-Bromofluorobenzene (Surr)	99		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-41197-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-41197-3TB

Date Sampled: 07/01/2013 0820

Client Matrix: Water

Date Received: 07/01/2013 1908

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-127848	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S28114.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2013 0133			Final Weight/Volume:	5 mL
Prep Date:	07/09/2013 0133				

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: 480-41197-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-41197-3TB

Date Sampled: 07/01/2013 0820

Client Matrix: Water

Date Received: 07/01/2013 1908

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-127848	Instrument ID:	HP5973S
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	S28114.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/09/2013 0133			Final Weight/Volume:	5 mL
Prep Date:	07/09/2013 0133				

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)	100		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120

Analytical Data

Client: AECOM, Inc.

Job Number: 480-41197-1

General Chemistry**Client Sample ID: INFLUENT**

Lab Sample ID: 480-41197-1

Date Sampled: 07/01/2013 0820

Client Matrix: Water

Date Received: 07/01/2013 1908

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Petroleum Hydrocarbons (1664A)	1.9	J B	mg/L	1.9	4.8	1.0	1664A

Analysis Batch: 480-128058

Analysis Date: 07/10/2013 0107

Prep Batch: 480-128057

Prep Date: 07/10/2013 0043

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	8.4		mg/L	4.0	4.0	1.0	SM 2540D

Analysis Batch: 480-127201

Analysis Date: 07/02/2013 1909

pH

8.19

HF

SU

0.100

0.100

1.0

SM 4500 H+ B

Analysis Batch: 480-127388

Analysis Date: 07/03/2013 1310

Analytical Data

Client: AECOM, Inc.

Job Number: 480-41197-1

General Chemistry**Client Sample ID: EFFLUENT**

Lab Sample ID: 480-41197-2

Date Sampled: 07/01/2013 0820

Client Matrix: Water

Date Received: 07/01/2013 1908

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Petroleum Hydrocarbons (1664A)	2.1	J B	mg/L	1.9	4.8	1.0	1664A

Analysis Batch: 480-128058

Analysis Date: 07/10/2013 0107

Prep Batch: 480-128057

Prep Date: 07/10/2013 0043

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	56.0		mg/L	4.0	4.0	1.0	SM 2540D

Analysis Batch: 480-127201

Analysis Date: 07/02/2013 1911

pH

8.23

HF

SU

0.100

0.100

1.0

SM 4500 H+ B

Analysis Batch: 480-127388

Analysis Date: 07/03/2013 1306

Client: AECOM, Inc.

Job Number: 480-41197-1

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

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
480-41197-1	INFLUENT	98	102	97
480-41197-2	EFFLUENT	103	104	99
480-41197-3	Trip Blank	100	102	98
MB 480-127848/7		101	102	99
MB 480-128026/8		102	102	96
LCS 480-127848/6		102	102	100
LCS 480-128026/7		102	102	99

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

TestAmerica

Drinking Water? Yes ☐ No ☒

THE LEADER IN ENVIRONMENTAL TESTING

Client FEDERAL BUREAU OF INVESTIGATION	Project Manager L. J. Zuck	Date 7/1/13	Chain of Custody Number 242279
Address 1100 Connecticut Avenue, N.W.	Telephone Number (Area Code)/Fax Number 202-512-2400	Lab Number Buff	Page 1 of 1

Address	1000
Telephone Number (Area Code)/Fax Number	(716) 891-1111
Lab Number	Buff
Page	1 of 1

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)
Albuquerque	NM	87106	John J. ...	...	...
Anchorage	AK	99501	...	...	...
Baltimore	MD	21201	...	...	...
Boston	MA	02108	...	...	...
Boulder	CO	80501	...	...	...
Brighton	MA	02135	...	...	...
Burlington	VT	05401	...	...	...
Cambridge	MA	02142	...	...	...
Chapel Hill	NC	27514	...	...	...
Charlottesville	VA	22904	...	...	...
Chicago	IL	60607	...	...	...
Cincinnati	OH	45221	...	...	...
Cleveland	OH	44115	...	...	...
Columbia	SC	29208	...	...	...
Columbus	GA	31906	...	...	...
Dallas	TX	75219	...	...	...
Danbury	CT	06810	...	...	...
Dayton	OH	45424	...	...	...
Denver	CO	80202	...	...	...
Des Moines	IA	50319	...	...	...
Detroit	MI	48206	...	...	...
Durham	NC	27706	...	...	...
Evanston	IL	60201	...	...	...
Fairfax	VA	22031	...	...	...
Fayetteville	NC	28403	...	...	...
Flagstaff	AZ	86001	...	...	...
Fort Collins	CO	80521	...	...	...
Fort Lauderdale	FL	33305	...	...	...
Fort Worth	TX	76102	...	...	...
Gainesville	TX	76705	...	...	...
Hartford	CT	06105	...	...	...
Houston	TX	77055	...	...	...
Irvine	CA	92714	...	...	...
Jacksonville	FL	32217	...	...	...
Kansas City	MO	64111	...	...	...
Lafayette	LA	70503	...	...	...
Lakewood	CO	80401	...	...	...
Lexington	MA	01846	...	...	...
Lincoln	NE	68502	...	...	...
Little Rock	AR	72205	...	...	...
Los Angeles	CA	90024	...	...	...
Long Beach	CA	90801	...	...	...
Madison	WI	53706	...	...	...
Maitland	FL	32751	...	...	...
Manassas	VA	20108	...	...	...
Memphis	TN	38103	...	...	...
Meriden	CT	06460	...	...	...
Metairie	LA	70005	...	...	...
Midvale	UT	84046	...	...	...
Minneapolis	MN	55412	...	...	...
Mobile	AL	36688	...	...	...
Monterey Park	CA	91754	...	...	...
Morgantown	WV	26505	...	...	...
Muskegon	MI	49783	...	...	...
New Haven	CT	06511	...	...	...
New Orleans	LA	70112	...	...	...
New York	NY	10019	...	...	...
Oak Ridge	TN	37830	...	...	...
Oakbrook Terrace	IL	60452	...	...	...
Oakdale	CA	94621	...	...	...
Oakland	CA	94612	...	...	...
Oceanside	CA	92054	...	...	...
Omaha	NE	68104	...	...	...
Orlando	FL	32803	...	...	...
Oro Valley	AZ	85755	...	...	...
Ottawa	IL	61320	...	...	...
Palm Springs	CA	92262	...	...	...
Palo Alto	CA	94303	...	...	...
Pasadena	CA	91106	...	...	...
Pawnee	NE	68769	...	...	...
Pembroke Pines	FL	33028	...	...	...
Petaluma	CA	94952	...	...	...
Pittsburgh	PA	15261	...	...	...
Pomona	CA	91768	...	...	...
Racine	WI	53405	...	...	...
Raleigh	NC	27606	...	...	...
Reno	NV	89502	...	...	...
Riverside	CA	92504	...	...	...
Rochester	NY	14623	...	...	...
Rosemead	CA	91770	...	...	...
Salt Lake City	UT	84143	...	...	...
San Diego	CA	92161	...	...	...
San Francisco	CA	94115	...	...	...
San Jose	CA	95128	...	...	...
San Luis Obispo	CA	93401	...	...	...
San Marcos	CA	92372	...	...	...
San Ramon	CA	94583	...	...	...
Santa Ana	CA	92705	...	...	...
Santa Clara	CA	95050	...	...	...
Santa Cruz	CA	95060	...	...	...
Santa Fe	NM	87505	...	...	...
Santa Maria	CA	934			

[illegible]

<p> <i>Special Instructions/ Conditions of Receipt</i> </p>	<p> <i>Contract/Purchase Order/Quote No.</i> </p>	<p> <i>Container #</i> </p>
<p> <i>Sub for a. 5013 11</i> </p>	<p> <i>67</i> </p>	

Special Instructions/
Conditions of Receipt[illegible]

Possible Hazard Identification		Sample Disposal		Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)
<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Return To Client	<input checked="" type="checkbox"/> Disposal By Lab	
<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown		

Form Around Time Required		QC Requirements (Specify)	
<input checked="" type="checkbox"/> 24 Hours	<input type="checkbox"/> 48 Hours	<input type="checkbox"/> 7 Days	<input type="checkbox"/> 14 Days
<input type="checkbox"/> 21 Days	<input type="checkbox"/> 28 Days	<input type="checkbox"/> 35 Days	<input type="checkbox"/> 42 Days
<input type="checkbox"/> 49 Days	<input type="checkbox"/> 56 Days	<input type="checkbox"/> 63 Days	<input type="checkbox"/> 70 Days
<input type="checkbox"/> 77 Days	<input type="checkbox"/> 84 Days	<input type="checkbox"/> 91 Days	<input type="checkbox"/> 98 Days
<input type="checkbox"/> 105 Days	<input type="checkbox"/> 112 Days	<input type="checkbox"/> 119 Days	<input type="checkbox"/> 126 Days
<input type="checkbox"/> 133 Days	<input type="checkbox"/> 140 Days	<input type="checkbox"/> 147 Days	<input type="checkbox"/> 154 Days
<input type="checkbox"/> 161 Days	<input type="checkbox"/> 168 Days	<input type="checkbox"/> 175 Days	<input type="checkbox"/> 182 Days
<input type="checkbox"/> 189 Days	<input type="checkbox"/> 196 Days	<input type="checkbox"/> 203 Days	<input type="checkbox"/> 210 Days
<input type="checkbox"/> 217 Days	<input type="checkbox"/> 224 Days	<input type="checkbox"/> 231 Days	<input type="checkbox"/> 238 Days
<input type="checkbox"/> 245 Days	<input type="checkbox"/> 252 Days	<input type="checkbox"/> 259 Days	<input type="checkbox"/> 266 Days
<input type="checkbox"/> 273 Days	<input type="checkbox"/> 280 Days	<input type="checkbox"/> 287 Days	<input type="checkbox"/> 294 Days
<input type="checkbox"/> 301 Days	<input type="checkbox"/> 308 Days	<input type="checkbox"/> 315 Days	<input type="checkbox"/> 322 Days
<input type="checkbox"/> 329 Days	<input type="checkbox"/> 336 Days	<input type="checkbox"/> 343 Days	<input type="checkbox"/> 350 Days
<input type="checkbox"/> 357 Days	<input type="checkbox"/> 364 Days	<input type="checkbox"/> 371 Days	<input type="checkbox"/> 378 Days
<input type="checkbox"/> 385 Days	<input type="checkbox"/> 392 Days	<input type="checkbox"/> 399 Days	<input type="checkbox"/> 406 Days
<input type="checkbox"/> 413 Days	<input type="checkbox"/> 420 Days	<input type="checkbox"/> 427 Days	<input type="checkbox"/> 434 Days
<input type="checkbox"/> 441 Days	<input type="checkbox"/> 448 Days	<input type="checkbox"/> 455 Days	<input type="checkbox"/> 462 Days
<input type="checkbox"/> 469 Days	<input type="checkbox"/> 476 Days	<input type="checkbox"/> 483 Days	<input type="checkbox"/> 490 Days
<input type="checkbox"/> 497 Days	<input type="checkbox"/> 504 Days	<input type="checkbox"/> 511 Days	<input type="checkbox"/> 518 Days
<input type="checkbox"/> 525 Days	<input type="checkbox"/> 532 Days	<input type="checkbox"/> 539 Days	<input type="checkbox"/> 546 Days
<input type="checkbox"/> 553 Days	<input type="checkbox"/> 560 Days	<input type="checkbox"/> 567 Days	<input type="checkbox"/> 574 Days
<input type="checkbox"/> 581 Days	<input type="checkbox"/> 588 Days	<input type="checkbox"/> 595 Days	<input type="checkbox"/> 602 Days
<input type="checkbox"/> 609 Days	<input type="checkbox"/> 616 Days	<input type="checkbox"/> 623 Days	<input type="checkbox"/> 630 Days
<input type="checkbox"/> 637 Days	<input type="checkbox"/> 644 Days	<input type="checkbox"/> 651 Days	<input type="checkbox"/> 658 Days
<input type="checkbox"/> 665 Days	<input type="checkbox"/> 672 Days	<input type="checkbox"/> 679 Days	<input type="checkbox"/> 686 Days
<input type="checkbox"/> 693 Days	<input type="checkbox"/> 700 Days	<input type="checkbox"/> 707 Days	<input type="checkbox"/> 714 Days
<input type="checkbox"/> 721 Days	<input type="checkbox"/> 728 Days	<input type="checkbox"/> 735 Days	<input type="checkbox"/> 742 Days
<input type="checkbox"/> 749 Days	<input type="checkbox"/> 756 Days	<input type="checkbox"/> 763 Days	<input type="checkbox"/> 770 Days
<input type="checkbox"/> 777 Days	<input type="checkbox"/> 784 Days	<input type="checkbox"/> 791 Days	<input type="checkbox"/> 798 Days
<input type="checkbox"/> 805 Days	<input type="checkbox"/> 812 Days	<input type="checkbox"/> 819 Days	<input type="checkbox"/> 826 Days
<input type="checkbox"/> 833 Days	<input type="checkbox"/> 840 Days	<input type="checkbox"/> 847 Days	<input type="checkbox"/> 854 Days
<input type="checkbox"/> 861 Days	<input type="checkbox"/> 868 Days	<input type="checkbox"/> 875 Days	<input type="checkbox"/> 882 Days
<input type="checkbox"/> 889 Days	<input type="checkbox"/> 896 Days	<input type="checkbox"/> 903 Days	<input type="checkbox"/> 910 Days
<input type="checkbox"/> 917 Days	<input type="checkbox"/> 924 Days	<input type="checkbox"/> 931 Days	<input type="checkbox"/> 938 Days
<input type="checkbox"/> 945 Days	<input type="checkbox"/> 952 Days	<input type="checkbox"/> 959 Days	<input type="checkbox"/> 966 Days
<input type="checkbox"/> 973 Days	<input type="checkbox"/> 980 Days	<input type="checkbox"/> 987 Days	<input type="checkbox"/> 994 Days
<input type="checkbox"/> 1001 Days	<input type="checkbox"/> 1008 Days	<input type="checkbox"/> 1015 Days	<input type="checkbox"/> 1022 Days
<input type="checkbox"/> 1029 Days	<input type="checkbox"/> 1036 Days	<input type="checkbox"/> 1043 Days	<input type="checkbox"/> 1050 Days
<input type="checkbox"/> 1057 Days	<input type="checkbox"/> 1064 Days	<input type="checkbox"/> 1071 Days	<input type="checkbox"/> 1078 Days
<input type="checkbox"/> 1085 Days	<input type="checkbox"/> 1092 Days	<input type="checkbox"/> 1099 Days	<input type="checkbox"/> 1106 Days
<input type="checkbox"/> 1113 Days	<input type="checkbox"/> 1120 Days	<input type="checkbox"/> 1127 Days	<input type="checkbox"/> 1134 Days
<input type="checkbox"/> 1141 Days	<input type="checkbox"/> 1148 Days	<input type="checkbox"/> 1155 Days	<input type="checkbox"/> 1162 Days
<input type="checkbox"/> 1169 Days	<input type="checkbox"/> 1176 Days	<input type="checkbox"/> 1183 Days	<input type="checkbox"/> 1190 Days
<input type="checkbox"/> 1197 Days	<input type="checkbox"/> 1204 Days	<input type="checkbox"/> 1211 Days	<input type="checkbox"/> 1218 Days
<input type="checkbox"/> 1225 Days	<input type="checkbox"/> 1232 Days	<input type="checkbox"/> 1239 Days	<input type="checkbox"/> 1246 Days
<input type="checkbox"/> 1253 Days	<input type="checkbox"/> 1260 Days	<input type="checkbox"/> 1267 Days	<input type="checkbox"/> 1274 Days
<input type="checkbox"/> 1281 Days	<input type="checkbox"/> 1288 Days	<input type="checkbox"/> 1295 Days	<input type="checkbox"/> 1302 Days
<input type="checkbox"/> 1309 Days	<input type="checkbox"/> 1316 Days	<input type="checkbox"/> 1323 Days	<input type="checkbox"/> 1330 Days
<input type="checkbox"/> 1337 Days	<input type="checkbox"/> 1344 Days	<input type="checkbox"/> 1351 Days	<input type="checkbox"/> 1358 Days
<input type="checkbox"/> 1365 Days	<input type="checkbox"/> 1372 Days	<input type="checkbox"/> 1379 Days	<input type="checkbox"/> 1386 Days
<input type="checkbox"/> 1393 Days	<input type="checkbox"/> 1400 Days	<input type="checkbox"/> 1407 Days	<input type="checkbox"/> 1414 Days
<input type="checkbox"/> 1421 Days	<input type="checkbox"/> 1428 Days	<input type="checkbox"/> 1435 Days	<input type="checkbox"/> 1442 Days
<input type="checkbox"/> 1449 Days	<input type="checkbox"/> 1456 Days	<input type="checkbox"/> 1463 Days	<input type="checkbox"/> 1470 Days
<input type="checkbox"/> 1477 Days	<input type="checkbox"/> 1484 Days	<input type="checkbox"/> 1491 Days	<input type="checkbox"/> 1498 Days
<input type="checkbox"/> 1505 Days	<input type="checkbox"/> 1512 Days	<input type="checkbox"/> 1519 Days	<input type="checkbox"/> 1526 Days
<input type="checkbox"/> 1533 Days	<input type="checkbox"/> 1540 Days	<input type="checkbox"/> 1547 Days	<input type="checkbox"/> 1554 Days

1. Relinquished By	Date	Time	1. Received By	Date	Time
(Signature)	7/1/13	1200hrs	(Signature)	7/1/13	1908
2. Relinquished By	Date	Time	2. Received By	Date	Time

3. Relinquished By	Date	Time	3. Received By	Date	Time
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[illegible]

Comments
Please insert Corb #12, 3, 4 Infant and Corb 1234 sufficient.

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

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-41197-1

Login Number: 41197

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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	Lab to comp voa samples
Sampling Company provided.	False	
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	