Tyco
9 Roszel Road
Princeton, NJ 08540 USA

August 15, 2014

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: Third Quarter 2014 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 Third Quarter 2014 Discharge Monitoring Report for the Scott Technologies Groundwater Remediation Site located at AVOX Systems Inc., 25A Walter Winter Drive, Lancaster, New York 14086 (the "Site"). This report is submitted in partial fulfillment of Erie County/Buffalo Pollution Discharge Elimination System (EC/BPDES) Permit No. 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 July 2014 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 November 30, 2014.

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. c/o Tyco International

Joseph Janeczek, P.E.
Director - Global Environmental Programs & Corporate Social Responsibility

\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)
Mr. Stuart Rixman, 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

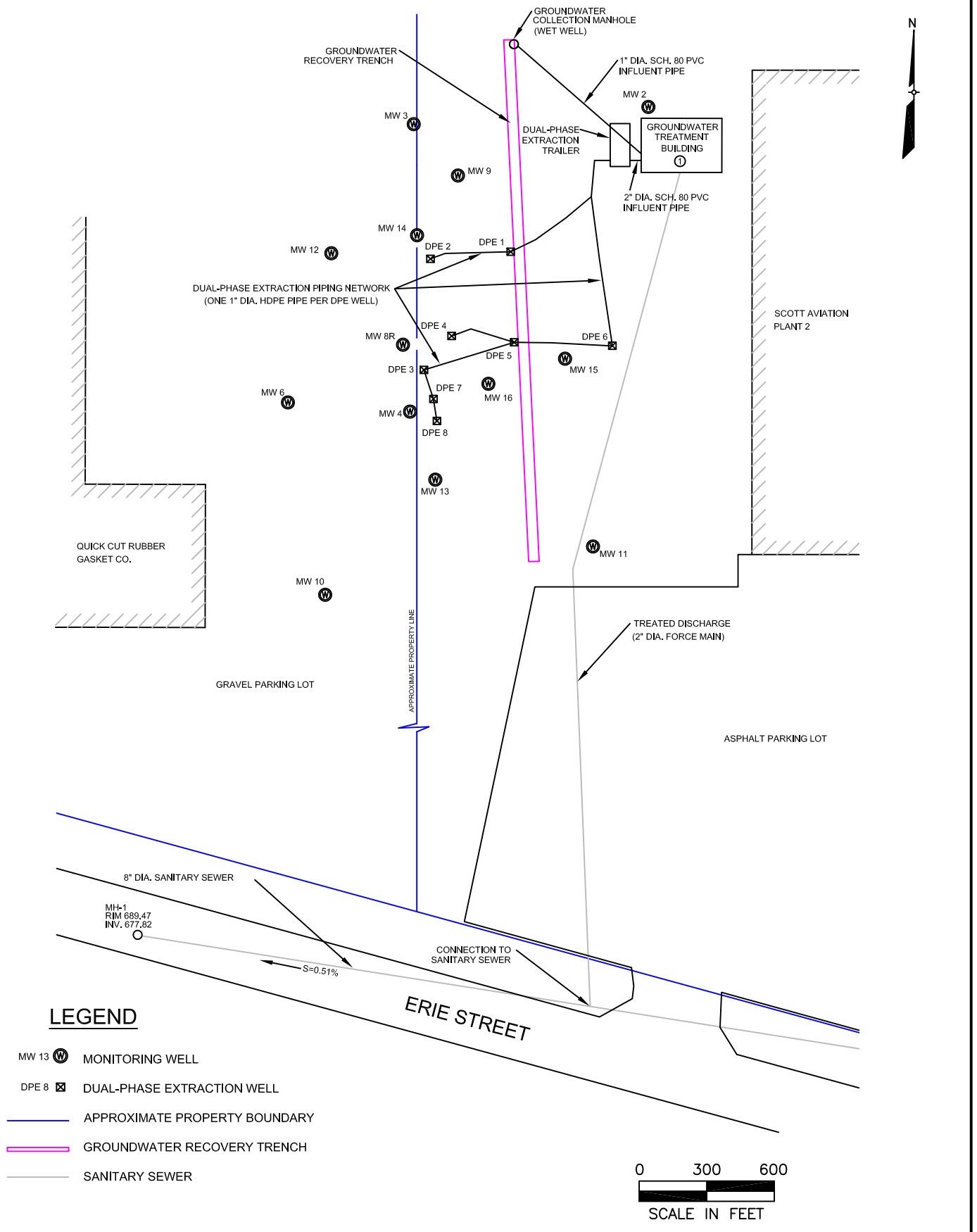
Third Quarter 2014 Discharge Monitoring Report
Sample Date - July 17, 2014

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	< 0.000022	**Y**
1,1,1-Trichloroethane	lbs/day	0.09	< 0.000022	**Y**
Trichloroethylene	lbs/day	0.04	< 0.000022	**Y**
Total 1,2-DCE (cis-1,2-DCE and trans-1,2-DCE)	lbs/day	0.02	< 0.000022	**Y**
1,1-Dichloroethane	lbs/day	0.0025	< 0.000022	**Y**
Chloroethane	lbs/day	0.025	< 0.000022	**Y**
Toluene	lbs/day	0.004	< 0.000022	**Y**
Total Daily Flow (discharge meter reading)	gallons per day	14,000	2,690	**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

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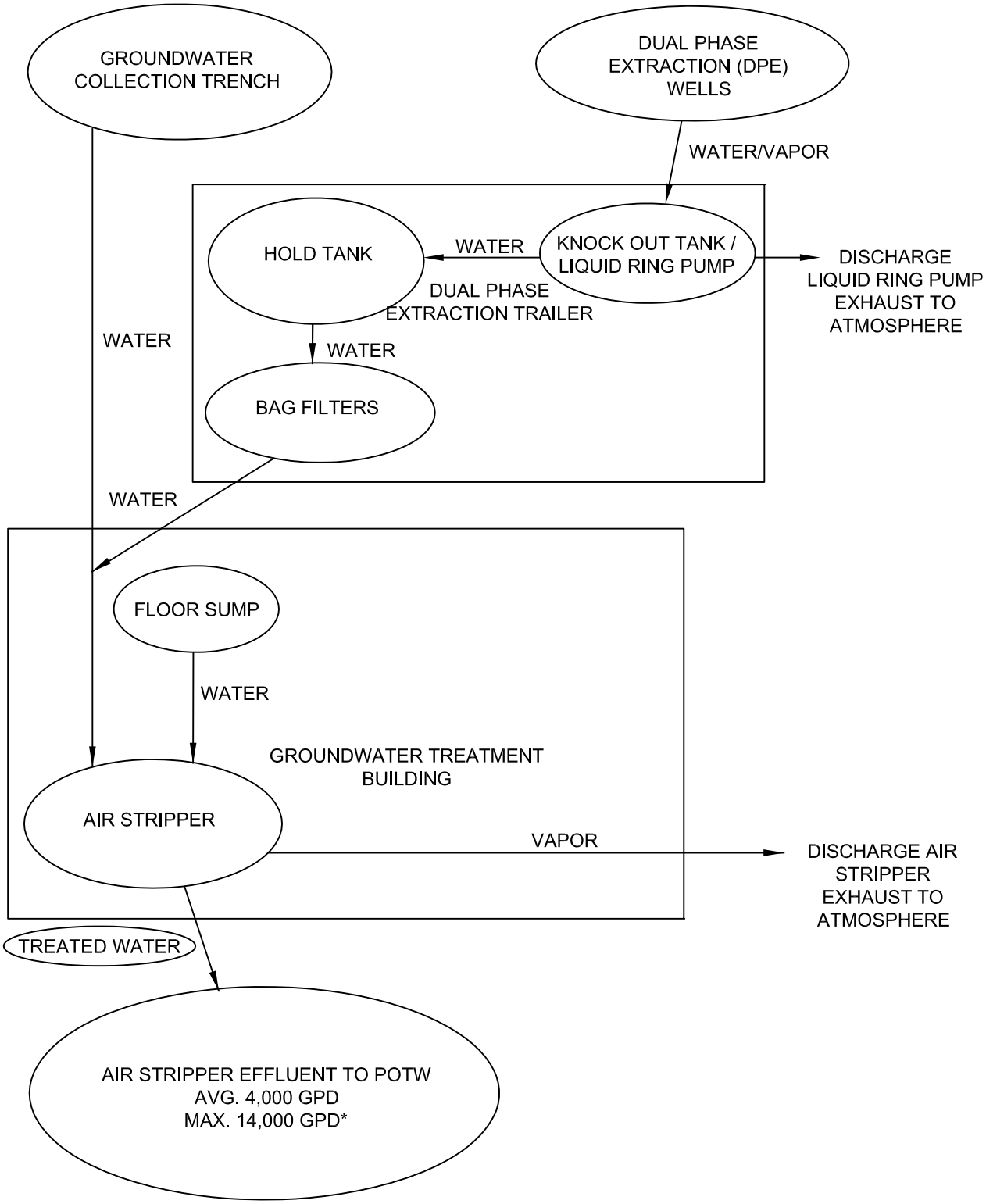


*PER DISCHARGE PERMIT NO. 11-03-E4045

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	17-Jul-14
Weather	Clear
Temperature Range	80 deg F
AECOM Personnel on Site	Dino Zack
Time on Site	06:00 - 14:00 hrs

Air Stripper Totalizer Start Sampling	981,124	gallons	6:00 hrs
Air Stripper Totalizer After Sampling	982,430	gallons	14:00 hrs

Summary of Sample Activities

Time = 06:00 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 = 09:00 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 = 12:00 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 = 14:00 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).

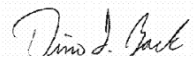
Fill 2, 40-ml vials (preserved with HCl) from effluent sample tap. Fill 2, 1-L clear glass bottle (preserved with H_2SO_4) 1/4 full, respectively, from effluent tap. Fill 1, 500-ml plastic bottle (unpreserved) 1/4 full from effluent tap. Fill 1 250-ml plastic bottle (unpreserved) 1/4 full from effluent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

Comments

DPE and GWCT running at time of sample collection.

Air sample collected on 7/17/14 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 7/17/14 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:  **Date:** 17-Jul-14

LABORATORY REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

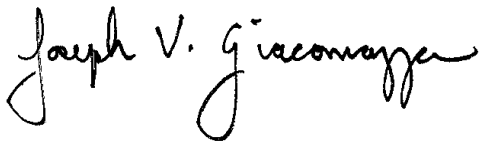
Job Number: 480-63954-1

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.
Joe V Giacomazza
Project Management Assistant II
8/11/2014 1:02 PM

Designee for
Brian J Fischer, Manager of Project Management
10 Hazelwood Drive, Amherst, NY, 14228-2298
(716)504-9835
brian.fischer@testamericainc.com
08/11/2014

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

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Job Narrative
480-63954-1

Receipt
The samples were received on 7/17/2014 4:20 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 volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: INFLUENT (480-63954-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 195014 recovered above the upper control limit for Vinyl chloride and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-195014/3).

Method(s) 8260C: The following sample was composited by the laboratory on 7/28/14 as requested on the chain-of-custody: EFFLUENT (480-63954-2).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 195423 recovered above the upper control limit for Bromomethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-195423/2).

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: INFLUENT (480-63954-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was composited by the laboratory on 7/30/14 as requested on the chain-of-custody: INFLUENT (480-63954-1).

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

General Chemistry
Method(s) SM 4500 H+ B: The following sample(s) was received outside of holding time: EFFLUENT (480-63954-2), INFLUENT (480-63954-1).

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

SAMPLE SUMMARY

Client: AECOM, Inc. Job Number: 480-63954-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
480-63954-1	INFLUENT	Water	07/17/2014 0600	07/17/2014 1738
480-63954-2	EFFLUENT	Water	07/17/2014 0600	07/17/2014 1738
480-63954-3TB	Trip Blank	Water	07/17/2014 0600	07/17/2014 1738

EXECUTIVE SUMMARY - Detections

Client: AECOM, Inc. Job Number: 480-63954-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
480-63954-1	**INFLUENT**					
1,1-Dichloroethane		0.79	J	2.0	ug/L	8260C
Acetone		9.1	J	20	ug/L	8260C
Chloroethane		2.6		2.0	ug/L	8260C
cis-1,2-Dichloroethene		33		2.0	ug/L	8260C
Trichloroethene		33		2.0	ug/L	8260C
Vinyl chloride		2.6		2.0	ug/L	8260C
Total Suspended Solids		15.6		4.0	mg/L	SM 2540D
pH		8.30	HF	0.100	SU	SM 4500 H+ B
480-63954-2	**EFFLUENT**					
Acetone		5.5	J	10	ug/L	8260C
pH		8.46	HF	0.100	SU	SM 4500 H+ B

METHOD SUMMARY

Client: AECOM, Inc. Job Number: 480-63954-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL BUF	SW846 8260C	
Purge and Trap	TAL BUF		SW846 5030C
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: 480-63954-1

Method	Analyst	Analyst ID
SW846 8260C	Dias, Nicole M	NMD1
1664A 1664A	Wolfe, Larry A	LAW
SM SM 2540D	Sobol, Kevin	KS
SM SM 4500 H+ B	Sobol, Kevin	KS

Client: AECOM, Inc. Job Number: 480-63954-1

Client Sample ID: **INFLUENT**

Lab Sample ID: 480-63954-1 Date Sampled: 07/17/2014 0600
Client Matrix: Water Date Received: 07/17/2014 1738

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-195423	Instrument ID:	HP5975D
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	D4336.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2014 1315			Final Weight/Volume:	5 mL
Prep Date:	07/30/2014 1315				

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-Trichloro-1,2,2-trifluoroethane	ND		0.62	2.0
1,1,2-Trichloroethane	ND		0.46	2.0
1,1-Dichloroethane	0.79	J	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-Butanone (MEK)	ND		2.6	20
2-Hexanone	ND		2.5	10
4-Methyl-2-pentanone (MIBK)	ND		4.2	10
Acetone	9.1	J	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
Chloroethane	2.6		0.64	2.0
Chloroform	ND		0.68	2.0
Chloromethane	ND		0.70	2.0
cis-1,2-Dichloroethene	33		1.6	2.0
cis-1,3-Dichloropropene	ND		0.72	2.0
Cyclohexane	ND		0.36	2.0
Dibromochloromethane	ND		0.64	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	5.0
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	33		0.92	2.0
Trichlorofluoromethane	ND		1.8	2.0

Client: AECOM, Inc. Job Number: 480-63954-1

Client Sample ID: **INFLUENT**

Lab Sample ID: 480-63954-1 Date Sampled: 07/17/2014 0600
Client Matrix: Water Date Received: 07/17/2014 1738

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-195423	Instrument ID:	HP5975D
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	D4336.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/30/2014 1315			Final Weight/Volume:	5 mL
Prep Date:	07/30/2014 1315				

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)	110		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	104		71 - 126

Client: AECOM, Inc. Job Number: 480-63954-1

Client Sample ID: **EFFLUENT**

Lab Sample ID: 480-63954-2 Date Sampled: 07/17/2014 0600
Client Matrix: Water Date Received: 07/17/2014 1738

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-195014	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S40370.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2014 1305			Final Weight/Volume:	5 mL
Prep Date:	07/28/2014 1305				

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-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	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-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	5.5	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
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
Dibromochloromethane	ND		0.32	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	2.5
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

Client: AECOM, Inc. Job Number: 480-63954-1

Client Sample ID: **EFFLUENT**

Lab Sample ID: 480-63954-2 Date Sampled: 07/17/2014 0600
Client Matrix: Water Date Received: 07/17/2014 1738

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-195014	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S40370.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2014 1305			Final Weight/Volume:	5 mL
Prep Date:	07/28/2014 1305				

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)	98		66 - 137
4-Bromofluorobenzene (Surr)	89		73 - 120
Toluene-d8 (Surr)	96		71 - 126

Client: AECOM, Inc. Job Number: 480-63954-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 480-63954-3TB Date Sampled: 07/17/2014 0600
Client Matrix: Water Date Received: 07/17/2014 1738

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-195014	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S40371.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2014 1328			Final Weight/Volume:	5 mL
Prep Date:	07/28/2014 1328				

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-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	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-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
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
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
Dibromochloromethane	ND		0.32	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	2.5
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

Client: AECOM, Inc. Job Number: 480-63954-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 480-63954-3TB Date Sampled: 07/17/2014 0600
Client Matrix: Water Date Received: 07/17/2014 1738

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-195014	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S40371.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	07/28/2014 1328			Final Weight/Volume:	5 mL
Prep Date:	07/28/2014 1328				

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
4-Bromofluorobenzene (Surr)	90		73 - 120
Toluene-d8 (Surr)	99		71 - 126

General Chemistry

Client Sample ID: **INFLUENT**

Lab Sample ID: 480-63954-1 Date Sampled: 07/17/2014 0600

Client Matrix: Water Date Received: 07/17/2014 1738

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Petroleum Hydrocarbons (1664A)	ND		mg/L	1.9	5.0	1.0	1664A
Analysis Batch: 480-194007	Analysis Date: 07/22/2014 0237						
Prep Batch: 480-194006	Prep Date: 07/22/2014 0226						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	15.6		mg/L	4.0	4.0	1.0	SM 2540D
Analysis Batch: 480-193636	Analysis Date: 07/18/2014 1636						
pH	8.30	HF	SU	0.100	0.100	1.0	SM 4500 H+ B
Analysis Batch: 480-193452	Analysis Date: 07/17/2014 2344						

General Chemistry

Client Sample ID: **EFFLUENT**

Lab Sample ID: 480-63954-2 Date Sampled: 07/17/2014 0600

Client Matrix: Water Date Received: 07/17/2014 1738

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Petroleum Hydrocarbons (1664A)	ND		mg/L	1.9	5.0	1.0	1664A
Analysis Batch: 480-194007	Analysis Date: 07/22/2014 0237						
Prep Batch: 480-194006	Prep Date: 07/22/2014 0226						

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Suspended Solids	ND		mg/L	4.0	4.0	1.0	SM 2540D
Analysis Batch: 480-193636	Analysis Date: 07/18/2014 1638						
pH	8.46	HF	SU	0.100	0.100	1.0	SM 4500 H+ B
Analysis Batch: 480-193452	Analysis Date: 07/17/2014 2347						

Shipping and Receiving Documents

Chain of Custody Record

480-63954 Chain of Custody

re on Receipt _____

'ater? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
AECOM	Dino Zack	7/17/14	277496

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page
100 Corporate Pkwy, Suite 341	716 636 4506 ext 15	Buf	1 of 1

City	State	Zip Code	Site Contact	Lab Contact
Amherst	NY	14226	D. Zack	B. Fischer

Project Name and Location (State)	Carrier/Waybill Number
Scott Aviation 3Q14, Lancaster, 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	8260B	35.401 TSS	SM4500 pH	Special Instructions/ Conditions of Receipt
Influent 3Q14	7/17/14	0600		X			2	2		8			X	X	X	X	
Effluent 3Q14	7/17/14	0600		X			2	2		8			X	X	X	X	
Trip	7/17/14	0600		X						2				X			

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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.	Dino Zack	7/17/14	1430hrs		7/17/14	14:30hrs
2.		7/17/14	16:20	TA	7/17/14	1620
3.						

Comments: Please combine Influent Grab #1, #2, #3, #4 and combine Effluent Grab #1, #2, #3, #4 3.1 #1

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

08/11/2014

Login Sample Receipt Checklist

Client: AECOM, Inc.

Job Number: 480-63954-1

Login Number: 63954

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl 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	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	