TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
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Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-62644-1
Client Project/Site: Peoples Coop Bulk Plant - 03-04476

For:
American Engineering Testing Inc.
1837 Cty Hwy OO
Chippewa Falls, Wisconsin 54729

Attn: Mr. Michael Neal

Authorized for release by:
10/9/2014 2:51:17 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-62644-1	MW-1	Water	09/29/14 14:00	10/01/14 08:10
490-62644-2	MW-2	Water	09/29/14 13:30	10/01/14 08:10
490-62644-3	MW-3	Water	09/29/14 13:00	10/01/14 08:10
490-62644-4	MW-4	Water	09/29/14 12:00	10/01/14 08:10
490-62644-5	MW-5	Water	09/29/14 11:30	10/01/14 08:10
490-62644-6	MW-6	Water	09/29/14 12:30	10/01/14 08:10
490-62644-7	Trip Blank	Water	09/29/14 00:00	10/01/14 08:10

Job ID: 490-62644-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-62644-1

Comments
No additional comments.

Receipt
The samples were received on 10/1/2014 8:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.6º C.

GC VOA
Method(s) WI-GRO: Significant peaks, readily distinguished from background, were detected in the following sample(s) within five minutes after the end of the analytical window defined by the last component eluting in the Gasoline Range Organics (GRO) mix (i.e., Naphthalene): MW-2 (490-62644-2), MW-3 (490-62644-3), MW-1 (490-62644-1), MW-4 (490-62644-4).

Method(s) WI-GRO: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: MW-6 (490-62644-6).

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

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

Definitions/Glossary

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Qualifiers

GC VOA

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

Glossary

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

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Client Sample ID: MW-1

Lab Sample ID: 490-62644-1
Date Collected: 09/29/14 14:00
Matrix: Water
Date Received: 10/01/14 08:10

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	150		5.0	3.0	ug/L			10/09/14 08:21	10
1,3,5-Trimethylbenzene	50		5.0	3.0	ug/L			10/09/14 08:21	10
Benzene	410		5.0	3.6	ug/L			10/09/14 08:21	10
Ethylbenzene	56		5.0	3.7	ug/L			10/09/14 08:21	10
Methyl tert-butyl ether	34		5.0	2.4	ug/L			10/09/14 08:21	10
Toluene	52		5.0	3.3	ug/L			10/09/14 08:21	10
Xylenes, Total	290		15	5.8	ug/L			10/09/14 08:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*132*		*80 -*		*10/09/14 08:21*	*10*

Client Sample ID: MW-2

Lab Sample ID: 490-62644-2
Date Collected: 09/29/14 13:30
Matrix: Water
Date Received: 10/01/14 08:10

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	390		5.0	3.0	ug/L			10/08/14 02:47	10
1,3,5-Trimethylbenzene	150		5.0	3.0	ug/L			10/08/14 02:47	10
Benzene	470		5.0	3.6	ug/L			10/08/14 02:47	10
Ethylbenzene	72		5.0	3.7	ug/L			10/08/14 02:47	10
Methyl tert-butyl ether	92		5.0	2.4	ug/L			10/08/14 02:47	10
Toluene	100		5.0	3.3	ug/L			10/08/14 02:47	10
Xylenes, Total	650		15	5.8	ug/L			10/08/14 02:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*189*		*80 -*		*10/08/14 02:47*	*10*

Client Sample ID: MW-3

Lab Sample ID: 490-62644-3
Date Collected: 09/29/14 13:00
Matrix: Water
Date Received: 10/01/14 08:10

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	49		0.50	0.30	ug/L			10/07/14 22:51	1
1,3,5-Trimethylbenzene	2.2		0.50	0.30	ug/L			10/07/14 22:51	1
Benzene	390		0.50	0.36	ug/L			10/07/14 22:51	1
Ethylbenzene	25		0.50	0.37	ug/L			10/07/14 22:51	1
Methyl tert-butyl ether	90		0.50	0.24	ug/L			10/07/14 22:51	1
Toluene	24		0.50	0.33	ug/L			10/07/14 22:51	1
Xylenes, Total	130		1.5	0.58	ug/L			10/07/14 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*241*		*80 -*		*10/07/14 22:51*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Client Sample ID: MW-4

Lab Sample ID: 490-62644-4
Date Collected: 09/29/14 12:00
Matrix: Water
Date Received: 10/01/14 08:10

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	24		0.50	0.30	ug/L			10/09/14 08:50	1
1,3,5-Trimethylbenzene	6.8		0.50	0.30	ug/L			10/09/14 08:50	1
Benzene	30		0.50	0.36	ug/L			10/09/14 08:50	1
Ethylbenzene	2.8		0.50	0.37	ug/L			10/09/14 08:50	1
Methyl tert-butyl ether	6.0		0.50	0.24	ug/L			10/09/14 08:50	1
Toluene	3.2		0.50	0.33	ug/L			10/09/14 08:50	1
Xylenes, Total	11		1.5	0.58	ug/L			10/09/14 08:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*135*		*80 -*		*10/09/14 08:50*	*1*

Client Sample ID: MW-5

Lab Sample ID: 490-62644-5
Date Collected: 09/29/14 11:30
Matrix: Water
Date Received: 10/01/14 08:10

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 21:52	1
1,3,5-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 21:52	1
Benzene	<0.36		0.50	0.36	ug/L			10/07/14 21:52	1
Ethylbenzene	<0.37		0.50	0.37	ug/L			10/07/14 21:52	1
Methyl tert-butyl ether	<0.24		0.50	0.24	ug/L			10/07/14 21:52	1
Toluene	<0.33		0.50	0.33	ug/L			10/07/14 21:52	1
Xylenes, Total	<0.58		1.5	0.58	ug/L			10/07/14 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*80 -*		*10/07/14 21:52*	*1*

Client Sample ID: MW-6

Lab Sample ID: 490-62644-6
Date Collected: 09/29/14 12:30
Matrix: Water
Date Received: 10/01/14 08:10

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 22:21	1
1,3,5-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 22:21	1
Benzene	0.45	J	0.50	0.36	ug/L			10/07/14 22:21	1
Ethylbenzene	<0.37		0.50	0.37	ug/L			10/07/14 22:21	1
Methyl tert-butyl ether	0.47	J	0.50	0.24	ug/L			10/07/14 22:21	1
Toluene	<0.33		0.50	0.33	ug/L			10/07/14 22:21	1
Xylenes, Total	<0.58		1.5	0.58	ug/L			10/07/14 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*111*		*80 -*		*10/07/14 22:21*	*1*

Client Sample Results

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Client Sample ID: Trip Blank

Lab Sample ID: 490-62644-7

Date Collected: 09/29/14 00:00

Matrix: Water

Date Received: 10/01/14 08:10

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 17:56	1
1,3,5-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 17:56	1
Benzene	<0.36		0.50	0.36	ug/L			10/07/14 17:56	1
Ethylbenzene	<0.37		0.50	0.37	ug/L			10/07/14 17:56	1
Methyl tert-butyl ether	<0.24		0.50	0.24	ug/L			10/07/14 17:56	1
Toluene	<0.33		0.50	0.33	ug/L			10/07/14 17:56	1
Xylenes, Total	<0.58		1.5	0.58	ug/L			10/07/14 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*80 -*		*10/07/14 17:56*	*1*

QC Sample Results

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Method: WDNR - Wisconsin - Gasoline Range Organics (GC)

Lab Sample ID: MB 490-195896/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 195896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/08/14 00:19	1
1,3,5-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/08/14 00:19	1
Benzene	<0.36		0.50	0.36	ug/L			10/08/14 00:19	1
Ethylbenzene	<0.37		0.50	0.37	ug/L			10/08/14 00:19	1
Methyl tert-butyl ether	<0.24		0.50	0.24	ug/L			10/08/14 00:19	1
Toluene	<0.33		0.50	0.33	ug/L			10/08/14 00:19	1
Xylenes, Total	<0.58		1.5	0.58	ug/L			10/08/14 00:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*80 -*		*10/08/14 00:19*	*1*

Lab Sample ID: MB 490-195896/8 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 195896

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 14:49	1
1,3,5-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/07/14 14:49	1
Benzene	<0.36		0.50	0.36	ug/L			10/07/14 14:49	1
Ethylbenzene	<0.37		0.50	0.37	ug/L			10/07/14 14:49	1
Methyl tert-butyl ether	<0.24		0.50	0.24	ug/L			10/07/14 14:49	1
Toluene	<0.33		0.50	0.33	ug/L			10/07/14 14:49	1
Xylenes, Total	<0.58		1.5	0.58	ug/L			10/07/14 14:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*80 -*		*10/07/14 14:49*	*1*

Lab Sample ID: LCS 490-195896/6 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 195896

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	100	98.5		ug/L		98	60 - 131
1,3,5-Trimethylbenzene	100	99.1		ug/L		99	70 - 130
Benzene	100	86.7		ug/L		87	69 - 129
Ethylbenzene	100	97.6		ug/L		98	70 - 130
Methyl tert-butyl ether	100	86.5		ug/L		86	57 - 138
Toluene	100	94.2		ug/L		94	66 - 127
Xylenes, Total	300	291		ug/L		97	

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*93*		*80 -*

Method: WDNR - Wisconsin - Gasoline Range Organics (GC) (Continued)

Lab Sample ID: LCSD 490-195896/41 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 195896

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	100	100		ug/L		100	60 - 131	2	43
1,3,5-Trimethylbenzene	100	101		ug/L		101	70 - 130	2	20
Benzene	100	89.8		ug/L		90	69 - 129	3	33
Ethylbenzene	100	100		ug/L		100	70 - 130	3	35
Methyl tert-butyl ether	100	83.7		ug/L		84	57 - 138	3	40
Toluene	100	97.7		ug/L		98	66 - 127	4	34
Xylenes, Total	300	298		ug/L		99		2	

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*86*		*80 -*

Lab Sample ID: MB 490-196458/5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 196458

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/09/14 07:51	1
1,3,5-Trimethylbenzene	<0.30		0.50	0.30	ug/L			10/09/14 07:51	1
Benzene	<0.36		0.50	0.36	ug/L			10/09/14 07:51	1
Ethylbenzene	<0.37		0.50	0.37	ug/L			10/09/14 07:51	1
Methyl tert-butyl ether	<0.24		0.50	0.24	ug/L			10/09/14 07:51	1
Toluene	<0.33		0.50	0.33	ug/L			10/09/14 07:51	1
Xylenes, Total	<0.58		1.5	0.58	ug/L			10/09/14 07:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*80 -*		*10/09/14 07:51*	*1*

Lab Sample ID: LCS 490-196458/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 196458

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	100	97.8		ug/L		98	60 - 131
1,3,5-Trimethylbenzene	100	98.8		ug/L		99	70 - 130
Benzene	100	87.3		ug/L		87	69 - 129
Ethylbenzene	100	98.0		ug/L		98	70 - 130
Methyl tert-butyl ether	100	76.6		ug/L		77	57 - 138
Toluene	100	95.0		ug/L		95	66 - 127
Xylenes, Total	300	292		ug/L		97	

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*88*		*80 -*

Method: WDNR - Wisconsin - Gasoline Range Organics (GC) (Continued)

Lab Sample ID: LCSD 490-196458/13
Matrix: Water
Analysis Batch: 196458

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			100	99.0		ug/L		99	60 - 131	1	43
1,3,5-Trimethylbenzene			100	99.9		ug/L		100	70 - 130	1	20
Benzene			100	88.2		ug/L		88	69 - 129	1	33
Ethylbenzene			100	98.7		ug/L		99	70 - 130	1	35
Methyl tert-butyl ether			100	81.0		ug/L		81	57 - 138	5	40
Toluene			100	96.2		ug/L		96	66 - 127	1	34
Xylenes, Total			300	296		ug/L		99		2	

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*87*		*80 -*

QC Association Summary

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

GC VOA

Analysis Batch: 195896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62644-2	MW-2	Total/NA	Water	WDNR	
490-62644-3	MW-3	Total/NA	Water	WDNR	
490-62644-5	MW-5	Total/NA	Water	WDNR	
490-62644-6	MW-6	Total/NA	Water	WDNR	
490-62644-7	Trip Blank	Total/NA	Water	WDNR	
LCS 490-195896/6	Lab Control Sample	Total/NA	Water	WDNR	
LCSD 490-195896/41	Lab Control Sample Dup	Total/NA	Water	WDNR	
MB 490-195896/27	Method Blank	Total/NA	Water	WDNR	
MB 490-195896/8	Method Blank	Total/NA	Water	WDNR	

Analysis Batch: 196458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62644-1	MW-1	Total/NA	Water	WDNR	
490-62644-4	MW-4	Total/NA	Water	WDNR	
LCS 490-196458/3	Lab Control Sample	Total/NA	Water	WDNR	
LCSD 490-196458/13	Lab Control Sample Dup	Total/NA	Water	WDNR	
MB 490-196458/5	Method Blank	Total/NA	Water	WDNR	

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Client Sample ID: MW-1 — Lab Sample ID: 490-62644-1

Date Collected: 09/29/14 14:00 — **Matrix: Water**
Date Received: 10/01/14 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		10	5 mL	5 mL	196458	10/09/14 08:21	KML	TAL NSH

Client Sample ID: MW-2 — Lab Sample ID: 490-62644-2

Date Collected: 09/29/14 13:30 — **Matrix: Water**
Date Received: 10/01/14 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		10	5 mL	5 mL	195896	10/08/14 02:47	KML	TAL NSH

Client Sample ID: MW-3 — Lab Sample ID: 490-62644-3

Date Collected: 09/29/14 13:00 — **Matrix: Water**
Date Received: 10/01/14 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		1	5 mL	5 mL	195896	10/07/14 22:51	KML	TAL NSH

Client Sample ID: MW-4 — Lab Sample ID: 490-62644-4

Date Collected: 09/29/14 12:00 — **Matrix: Water**
Date Received: 10/01/14 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		1	5 mL	5 mL	196458	10/09/14 08:50	KML	TAL NSH

Client Sample ID: MW-5 — Lab Sample ID: 490-62644-5

Date Collected: 09/29/14 11:30 — **Matrix: Water**
Date Received: 10/01/14 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		1	5 mL	5 mL	195896	10/07/14 21:52	KML	TAL NSH

Client Sample ID: MW-6 — Lab Sample ID: 490-62644-6

Date Collected: 09/29/14 12:30 — **Matrix: Water**
Date Received: 10/01/14 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		1	5 mL	5 mL	195896	10/07/14 22:21	KML	TAL NSH

Lab Chronicle

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Client Sample ID: Trip Blank

Lab Sample ID: 490-62644-7

Date Collected: 09/29/14 00:00

Matrix: Water

Date Received: 10/01/14 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	WDNR		1	5 mL	5 mL	195896	10/07/14 17:56	KML	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Method	Method Description	Protocol	Laboratory
WDNR	Wisconsin - Gasoline Range Organics (GC)	WI-GRO	TAL NSH

Protocol References:

WI-GRO = "Modified GRO: Method For Determining Gasoline Range Organics", Wisconsin DNR, Publ-SW-140, September, 1995.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: American Engineering Testing Inc.
Project/Site: Peoples Coop Bulk Plant - 03-04476

TestAmerica Job ID: 490-62644-1

Laboratory: TestAmerica Nashville

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	998020430	08-31-15

Laboratory: TestAmerica Chicago

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999580010	08-31-15 *

* Certification renewal pending - certification considered valid.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER REC

490-62644 Chain of Custody

Cooler Received/Opened On 10/1/2014@ 0810

1. Tracking # 2351 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 5.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where:

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) DA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (intial)

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #:
Chain of Custody Number:
Page 1 of 1
Temperature °C of Cooler:

10/9/2014

Client: AET
Client Project #: 03-04476
Project Name: People's Coop Bulk Plant
Project Location/State: Lancaster, WI
Lab Project #:
Sampler: Michael K. Neal
Lab PM: Sandra F.

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Loc: 490
62644

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative 1 / Parameter: PVOCs	Comments
		MW-1	9-29-14	1400	3	W	X	
		MW-2		1330	3	W	X	
		MW-3		1300	3	W	X	
		MW-4		1200	3	W	X	
		MW-5		1130	3	W	X	
		MW-6		1230	3	W	X	
		Trip Blank			1	W	X	

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days X 15 Days _____ Other
Requested Due Date _____

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Michael Neal	AET	9-30-14	15:00	Fed X			
				[signature]	TAN 5.6	10-1-14	08:10

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (1209)

Login Sample Receipt Checklist

Client: American Engineering Testing Inc.

Job Number: 490-62644-1

Login Number: 62644
List Number: 1
Creator: Ford, Easton

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	