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Definitions/Glossary

Client:
Project/Site:

TestAmerica Job ID: 400-61296-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS o MSD excede los límites de control
*	LCS o LCSD excede los límites de control

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client:
Project/Site:

TestAmerica Job ID: 400-61296-1

Job ID: 400-61296-1

Laboratory: TestAmerica Pensacola

Job Narrative
400-61189-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 400-144994 over recovered for the following analyte: Ethanol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.



Detection Summary

Client:

TestAmerica Job ID: 400-61296-1

Client Sample ID: APSA TEMP

Lab Sample ID: 400-61296-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	0.11		0.10	mg/L	1		8015M	Total/NA
Diesel Range Organics [C10-C28]	0.19		0.12	mg/L	1		8015M	Total/NA
Lead	0.0050		0.0050	mg/L	1		6010B	Total/NA

Client Sample ID: APSA MW1

Lab Sample ID: 400-61296-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	0.15		0.12	mg/L	1		8015M	Total/NA
Lead	0.013		0.0050	mg/L	1		6010B	Total/NA

Client Sample ID: MW5

Lab Sample ID: 400-61296-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	0.30		0.10	mg/L	1		8015M	Total/NA
Diesel Range Organics [C10-C28]	2.8		0.12	mg/L	1		8015M	Total/NA
Lead	0.0092		0.0050	mg/L	1		6010B	Total/NA

Client Sample ID: DUP

Lab Sample ID: 400-61296-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	0.12		0.12	mg/L	1		8015M	Total/NA
Lead	0.014		0.0050	mg/L	1		6010B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-61296-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.0019		0.0010	mg/L	1		8260B	Total/NA

Sample Summary

Client:

TestAmerica Job ID: 400-61296-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-61296-1	APSA TEMP	Water	11/22/11 11:50	11/25/11 09:35
400-61296-2	APSA MW1	Water	11/23/11 12:20	11/25/11 09:35
400-61296-3	MW5	Water	11/22/11 17:28	11/25/11 09:35
400-61296-4	DUP	Water	11/23/11 00:00	11/25/11 09:35
400-61296-5	TRIP BLANK	Water	11/25/11 00:00	11/25/11 09:35

- 1
- 2
- 3
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- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client:

TestAmerica Job ID: 400-61296-1

Client Sample ID: APSA TEMP

Lab Sample ID: 400-61296-1

Date Collected: 11/22/11 11:50

Matrix: Water

Date Received: 11/25/11 09:35

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	mg/L			12/02/11 10:31	1
Toluene	ND		0.0010	mg/L			12/02/11 10:31	1
Ethylbenzene	ND		0.0010	mg/L			12/02/11 10:31	1
Xylenes, Total	ND		0.010	mg/L			12/02/11 10:31	1
Methyl tert-butyl ether	ND		0.0010	mg/L			12/02/11 10:31	1
Ethanol	ND		0.10	mg/L			12/02/11 10:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		79 - 118		12/02/11 10:31	1
Dibromofluoromethane	107		79 - 119		12/02/11 10:31	1
Toluene-d8 (Surr)	108		80 - 120		12/02/11 10:31	1

Method: 8015M - 8015M GRO

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	0.11		0.10	mg/L			11/30/11 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	103		78 - 119		11/30/11 16:53	1

Method: 8015M - Diesel Range Organics (DRO)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.19		0.12	mg/L		11/28/11 10:54	11/29/11 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		49 - 134	11/28/11 10:54	11/29/11 16:13	1

Method: 6010B - Lead

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0050		0.0050	mg/L		11/29/11 10:22	11/30/11 18:07	1

Client Sample Results

Client:

TestAmerica Job ID: 400-61296-1

Client Sample ID: APSA MW1

Lab Sample ID: 400-61296-2

Date Collected: 11/23/11 12:20

Matrix: Water

Date Received: 11/25/11 09:35

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	mg/L			12/02/11 11:04	1
Toluene	ND		0.0010	mg/L			12/02/11 11:04	1
Ethylbenzene	ND		0.0010	mg/L			12/02/11 11:04	1
Xylenes, Total	ND		0.010	mg/L			12/02/11 11:04	1
Methyl tert-butyl ether	ND		0.0010	mg/L			12/02/11 11:04	1
Ethanol	ND		0.10	mg/L			12/02/11 11:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		79 - 118		12/02/11 11:04	1
Dibromofluoromethane	106		79 - 119		12/02/11 11:04	1
Toluene-d8 (Surr)	108		80 - 120		12/02/11 11:04	1

Method: 8015M - 8015M GRO

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	ND		0.10	mg/L			11/30/11 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	103		78 - 119		11/30/11 17:49	1

Method: 8015M - Diesel Range Organics (DRO)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.15		0.12	mg/L		11/28/11 10:54	11/29/11 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	77		49 - 134	11/28/11 10:54	11/29/11 16:22	1

Method: 6010B - Lead

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.013		0.0050	mg/L		11/29/11 10:22	11/30/11 18:11	1

Client Sample Results

Client:

TestAmerica Job ID: 400-61296-1

Client Sample ID: MW5
Date Collected: 11/22/11 17:28
Date Received: 11/25/11 09:35

Lab Sample ID: 400-61296-3
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	mg/L			12/02/11 11:37	1
Toluene	ND		0.0010	mg/L			12/02/11 11:37	1
Ethylbenzene	ND		0.0010	mg/L			12/02/11 11:37	1
Xylenes, Total	ND		0.010	mg/L			12/02/11 11:37	1
Methyl tert-butyl ether	ND		0.0010	mg/L			12/02/11 11:37	1
Ethanol	ND		0.10	mg/L			12/02/11 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		79 - 118		12/02/11 11:37	1
Dibromofluoromethane	108		79 - 119		12/02/11 11:37	1
Toluene-d8 (Surr)	107		80 - 120		12/02/11 11:37	1

Method: 8015M - 8015M GRO

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6--C10	0.30		0.10	mg/L			11/30/11 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	104		78 - 119		11/30/11 18:46	1

Method: 8015M - Diesel Range Organics (DRO)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2.8		0.12	mg/L		11/28/11 10:54	11/29/11 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		49 - 134	11/28/11 10:54	11/29/11 16:32	1

Method: 6010B - Lead

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0092		0.0050	mg/L		11/29/11 10:22	11/30/11 18:14	1

Client Sample Results

Client:

TestAmerica Job ID: 400-61296-1

Client Sample ID: DUP
Date Collected: 11/23/11 00:00
Date Received: 11/25/11 09:35

Lab Sample ID: 400-61296-4
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	mg/L			12/02/11 12:11	1
Toluene	ND		0.0010	mg/L			12/02/11 12:11	1
Ethylbenzene	ND		0.0010	mg/L			12/02/11 12:11	1
Xylenes, Total	ND		0.010	mg/L			12/02/11 12:11	1
Methyl tert-butyl ether	ND		0.0010	mg/L			12/02/11 12:11	1
Ethanol	ND		0.10	mg/L			12/02/11 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		79 - 118		12/02/11 12:11	1
Dibromofluoromethane	106		79 - 119		12/02/11 12:11	1
Toluene-d8 (Surr)	108		80 - 120		12/02/11 12:11	1

Method: 8015M - 8015M GRO

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	ND		0.10	mg/L			11/30/11 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	103		78 - 119		11/30/11 19:43	1

Method: 8015M - Diesel Range Organics (DRO)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.12		0.12	mg/L		11/28/11 10:54	11/29/11 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		49 - 134	11/28/11 10:54	11/29/11 16:41	1

Method: 6010B - Lead

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.014		0.0050	mg/L		11/29/11 10:22	11/30/11 18:17	1

Client Sample Results

Client:

TestAmerica Job ID: 400-61296-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-61296-5

Date Collected: 11/25/11 00:00

Matrix: Water

Date Received: 11/25/11 09:35

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	mg/L			12/02/11 12:44	1
Toluene	0.0019		0.0010	mg/L			12/02/11 12:44	1
Ethylbenzene	ND		0.0010	mg/L			12/02/11 12:44	1
Xylenes, Total	ND		0.010	mg/L			12/02/11 12:44	1
Methyl tert-butyl ether	ND		0.0010	mg/L			12/02/11 12:44	1
Ethanol	ND		0.10	mg/L			12/02/11 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		79 - 118		12/02/11 12:44	1
Dibromofluoromethane	107		79 - 119		12/02/11 12:44	1
Toluene-d8 (Surr)	106		80 - 120		12/02/11 12:44	1

QC Sample Results

Client:
Project/Site:

TestAmerica Job ID: 400-61296-1

Method: 8260B - VOC

Lab Sample ID: MB 400-144994/4

Matrix: Water

Analysis Batch: 144994

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	mg/L			12/02/11 09:24	1
Toluene	ND		0.0010	mg/L			12/02/11 09:24	1
Ethylbenzene	ND		0.0010	mg/L			12/02/11 09:24	1
Xylenes, Total	ND		0.010	mg/L			12/02/11 09:24	1
Methyl tert-butyl ether	ND		0.0010	mg/L			12/02/11 09:24	1
Ethanol	ND		0.10	mg/L			12/02/11 09:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		79 - 118		12/02/11 09:24	1
Dibromofluoromethane	106		79 - 119		12/02/11 09:24	1
Toluene-d8 (Surr)	107		80 - 120		12/02/11 09:24	1

Lab Sample ID: LCS 400-144994/5

Matrix: Water

Analysis Batch: 144994

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.0537		mg/L		107	75 - 122
Toluene	0.0500	0.0501		mg/L		100	76 - 120
Ethylbenzene	0.0500	0.0578		mg/L		116	77 - 126
Xylenes, Total	0.150	0.175		mg/L		117	78 - 125
Methyl tert-butyl ether	0.0500	0.0527		mg/L		105	69 - 123
Ethanol	0.250	0.707 *		mg/L		283	10 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	107		79 - 118
Dibromofluoromethane	107		79 - 119
Toluene-d8 (Surr)	108		80 - 120

Lab Sample ID: 400-61296-1 MS

Matrix: Water

Analysis Batch: 144994

Client Sample ID: APSA TEMP

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.0500	0.0459		mg/L		92	50 - 140
Toluene	ND		0.0500	0.0383		mg/L		77	48 - 131
Ethylbenzene	ND		0.0500	0.0370		mg/L		74	33 - 138
Xylenes, Total	ND		0.150	0.112		mg/L		74	31 - 139
Methyl tert-butyl ether	ND		0.0500	0.0538		mg/L		108	62 - 139
Ethanol	ND		0.250	0.546 F		mg/L		219	10 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	109		79 - 118
Dibromofluoromethane	105		79 - 119
Toluene-d8 (Surr)	107		80 - 120

QC Sample Results

Client:

TestAmerica Job ID: 400-61296-1

Method: 8260B - VOC (Continued)

Lab Sample ID: 400-61296-1 MSD

Matrix: Water

Analysis Batch: 144994

Client Sample ID: APSA TEMP

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Benzene	ND		0.0500	0.0499		mg/L		100	50 - 140	8	24	
Toluene	ND		0.0500	0.0405		mg/L		81	48 - 131	6	34	
Ethylbenzene	ND		0.0500	0.0373		mg/L		75	33 - 138	1	49	
Xylenes, Total	ND		0.150	0.114		mg/L		76	31 - 139	2	50	
Methyl tert-butyl ether	ND		0.0500	0.0597		mg/L		119	62 - 139	10	24	
Ethanol	ND		0.250	0.491	F	mg/L		196	10 - 150	11	64	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	110		79 - 118
Dibromofluoromethane	105		79 - 119
Toluene-d8 (Surr)	107		80 - 120

Method: 8015M - 8015M GRO

Lab Sample ID: MB 400-144873/2

Matrix: Water

Analysis Batch: 144873

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO) C6-C10	ND		0.10	mg/L			11/30/11 10:23	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
a,a,a-Trifluorotoluene (fid)	103		78 - 119		11/30/11 10:23	1

Lab Sample ID: LCS 400-144873/3

Matrix: Water

Analysis Batch: 144873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO) C6-C10	1.00	0.917		mg/L		92	71 - 128	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	102		78 - 119

Method: 8015M - Diesel Range Organics (DRO)

Lab Sample ID: MB 400-144662/1-A

Matrix: Water

Analysis Batch: 144822

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 144662

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		0.13	mg/L		11/28/11 08:15	11/29/11 15:17	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
o-Terphenyl	90		49 - 134	11/28/11 08:15	11/29/11 15:17	1

QC Sample Results

Client:

TestAmerica Job ID: 400-61296-1

Method: 8015M - Diesel Range Organics (DRO) (Continued)

Lab Sample ID: LCS 400-144662/2-A

Matrix: Water

Analysis Batch: 144822

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 144662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	10.1	8.91		mg/L		89	52 - 128
Surrogate		LCS %Recovery	LCS Qualifier				Limits
<i>o-Terphenyl</i>		71					49 - 134

Method: 6010B - Lead

Lab Sample ID: MB 400-144791/24-A

Matrix: Water

Analysis Batch: 144920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 144791

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	mg/L		11/29/11 10:22	11/30/11 17:31	1

Lab Sample ID: LCS 400-144791/25-A

Matrix: Water

Analysis Batch: 144920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 144791

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.997		mg/L		100	80 - 120

QC Association Summary

Client:

TestAmerica Job ID: 400-61296-1

GC/MS VOA

Analysis Batch: 144994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-61296-1	APSA TEMP	Total/NA	Water	8260B	
400-61296-1 MS	APSA TEMP	Total/NA	Water	8260B	
400-61296-1 MSD	APSA TEMP	Total/NA	Water	8260B	
400-61296-2	APSA MW1	Total/NA	Water	8260B	
400-61296-3	MW5	Total/NA	Water	8260B	
400-61296-4	DUP	Total/NA	Water	8260B	
400-61296-5	TRIP BLANK	Total/NA	Water	8260B	
LCS 400-144994/5	Lab Control Sample	Total/NA	Water	8260B	
MB 400-144994/4	Method Blank	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 144873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-61296-1	APSA TEMP	Total/NA	Water	8015M	
400-61296-2	APSA MW1	Total/NA	Water	8015M	
400-61296-3	MW5	Total/NA	Water	8015M	
400-61296-4	DUP	Total/NA	Water	8015M	
LCS 400-144873/3	Lab Control Sample	Total/NA	Water	8015M	
MB 400-144873/2	Method Blank	Total/NA	Water	8015M	

GC Semi VOA

Prep Batch: 144662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-61296-1	APSA TEMP	Total/NA	Water	3520C	
400-61296-2	APSA MW1	Total/NA	Water	3520C	
400-61296-3	MW5	Total/NA	Water	3520C	
400-61296-4	DUP	Total/NA	Water	3520C	
LCS 400-144662/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 400-144662/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 144822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-61296-1	APSA TEMP	Total/NA	Water	8015M	144662
400-61296-2	APSA MW1	Total/NA	Water	8015M	144662
400-61296-3	MW5	Total/NA	Water	8015M	144662
400-61296-4	DUP	Total/NA	Water	8015M	144662
LCS 400-144662/2-A	Lab Control Sample	Total/NA	Water	8015M	144662
MB 400-144662/1-A	Method Blank	Total/NA	Water	8015M	144662

Metals

Prep Batch: 144791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-61296-1	APSA TEMP	Total/NA	Water	3010A	
400-61296-2	APSA MW1	Total/NA	Water	3010A	
400-61296-3	MW5	Total/NA	Water	3010A	
400-61296-4	DUP	Total/NA	Water	3010A	
LCS 400-144791/25-A	Lab Control Sample	Total/NA	Water	3010A	
MB 400-144791/24-A	Method Blank	Total/NA	Water	3010A	

QC Association Summary

Client:

TestAmerica Job ID: 400-61296-1

Metals (Continued)

Analysis Batch: 144920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-61296-1	APSA TEMP	Total/NA	Water	6010B	144791
400-61296-2	APSA MW1	Total/NA	Water	6010B	144791
400-61296-3	MW5	Total/NA	Water	6010B	144791
400-61296-4	DUP	Total/NA	Water	6010B	144791
LCS 400-144791/25-A	Lab Control Sample	Total/NA	Water	6010B	144791
MB 400-144791/24-A	Method Blank	Total/NA	Water	6010B	144791

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Lab Chronicle

Client:

Client Sample ID: APSA TEMP

Date Collected: 11/22/11 11:50

Date Received: 11/25/11 09:35

Lab Sample ID: 400-61296-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	144994	12/02/11 10:31	WD	TAL PEN
Total/NA	Analysis	8015M		1	144873	11/30/11 16:53	MA	TAL PEN
Total/NA	Prep	3520C			144662	11/28/11 10:54	MTM	TAL PEN
Total/NA	Analysis	8015M		1	144822	11/29/11 16:13	DW	TAL PEN
Total/NA	Prep	3010A			144791	11/29/11 10:22	KN	TAL PEN
Total/NA	Analysis	6010B		1	144920	11/30/11 18:07	GS	TAL PEN

Client Sample ID: APSA MW1

Date Collected: 11/23/11 12:20

Date Received: 11/25/11 09:35

Lab Sample ID: 400-61296-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	144994	12/02/11 11:04	WD	TAL PEN
Total/NA	Analysis	8015M		1	144873	11/30/11 17:49	MA	TAL PEN
Total/NA	Prep	3520C			144662	11/28/11 10:54	MTM	TAL PEN
Total/NA	Analysis	8015M		1	144822	11/29/11 16:22	DW	TAL PEN
Total/NA	Prep	3010A			144791	11/29/11 10:22	KN	TAL PEN
Total/NA	Analysis	6010B		1	144920	11/30/11 18:11	GS	TAL PEN

Client Sample ID: MW5

Date Collected: 11/22/11 17:28

Date Received: 11/25/11 09:35

Lab Sample ID: 400-61296-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	144994	12/02/11 11:37	WD	TAL PEN
Total/NA	Analysis	8015M		1	144873	11/30/11 18:46	MA	TAL PEN
Total/NA	Prep	3520C			144662	11/28/11 10:54	MTM	TAL PEN
Total/NA	Analysis	8015M		1	144822	11/29/11 16:32	DW	TAL PEN
Total/NA	Prep	3010A			144791	11/29/11 10:22	KN	TAL PEN
Total/NA	Analysis	6010B		1	144920	11/30/11 18:14	GS	TAL PEN

Client Sample ID: DUP

Date Collected: 11/23/11 00:00

Date Received: 11/25/11 09:35

Lab Sample ID: 400-61296-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	144994	12/02/11 12:11	WD	TAL PEN
Total/NA	Analysis	8015M		1	144873	11/30/11 19:43	MA	TAL PEN
Total/NA	Prep	3520C			144662	11/28/11 10:54	MTM	TAL PEN
Total/NA	Analysis	8015M		1	144822	11/29/11 16:41	DW	TAL PEN
Total/NA	Prep	3010A			144791	11/29/11 10:22	KN	TAL PEN
Total/NA	Analysis	6010B		1	144920	11/30/11 18:17	GS	TAL PEN

Lab Chronicle

Client:

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-61296-5

Date Collected: 11/25/11 00:00

Matrix: Water

Date Received: 11/25/11 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	144994	12/02/11 12:44	WD	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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Certification Summary

Client:

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pensacola	Alabama	State Program	4	40150
TestAmerica Pensacola	Arizona	State Program	9	AZ0710
TestAmerica Pensacola	Arkansas DEQ	State Program	6	88-0689
TestAmerica Pensacola	Florida	NELAC	4	E81010
TestAmerica Pensacola	Georgia	State Program	4	N/A
TestAmerica Pensacola	Illinois	NELAC	5	200041
TestAmerica Pensacola	Iowa	State Program	7	367
TestAmerica Pensacola	Kansas	NELAC	7	E-10253
TestAmerica Pensacola	Kentucky (UST)	State Program	4	53
TestAmerica Pensacola	Louisiana	NELAC	6	30976
TestAmerica Pensacola	Maryland	State Program	3	233
TestAmerica Pensacola	Massachusetts	State Program	1	M-FL094
TestAmerica Pensacola	Michigan	State Program	5	9912
TestAmerica Pensacola	New Hampshire	NELAC	1	2505
TestAmerica Pensacola	New Jersey	NELAC	2	FL006
TestAmerica Pensacola	North Carolina DENR	State Program	4	314
TestAmerica Pensacola	Oklahoma	State Program	6	9810
TestAmerica Pensacola	Pennsylvania	NELAC	3	68-00467
TestAmerica Pensacola	Rhode Island	State Program	1	LAO00307
TestAmerica Pensacola	South Carolina	State Program	4	96026
TestAmerica Pensacola	Tennessee	State Program	4	TN02907
TestAmerica Pensacola	Texas	NELAC	6	T104704286-11-3
TestAmerica Pensacola	USDA	Federal		P330-10-00407
TestAmerica Pensacola	Virginia	NELAC	3	460166
TestAmerica Pensacola	Washington	State Program	10	C915
TestAmerica Pensacola	West Virginia DEP	State Program	3	136

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



Method Summary

Client:

TestAmerica Job ID: 400-61296-1

Method	Method Description	Protocol	Laboratory
8260B	VOC	SW846	TAL PEN
8015M	8015M GRO	SW846	TAL PEN
8015M	Diesel Range Organics (DRO)	EPA	TAL PEN
6010B	Lead	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001



SERIAL NUMBER:

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514

Phone: 850-474-1001
Fax: 850-478-2671
Website: www.testamericainc.com

Table with 3 columns: QUOTE NO., BOTTLE ORDER NO., and JOB NO.

Table with 3 columns: CLIENT, ADDRESS, and REQUESTED ANALYSIS

Table with 3 columns: PROJECT NAME, PROJECT NO., CLIENT PROJECT MANAGER, and PROJECT LOC. (STATE)

Table with 3 columns: SAMPLED BY, CONTRACT / P.O. NO., and PRESERVATIVE

Table with 3 columns: CLIENT PHONE, CLIENT E-MAIL OR FAX, and MATRIX

TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL [] NORMAL - 10 BUSINESS DAYS
[] 1 DAY [] 2 DAYS [] 3 DAYS [] 5 DAYS [] 20 DAYS (Package) [] OTHER:

SAMPLE DISPOSAL: [] RETURN TO CLIENT [] DISPOSAL BY LAB
[] SEE CONTRACT [] OTHER:

Table with 3 columns: SAMPLE (DATE, TIME), SAMPLE IDENTIFICATION, and NUMBER OF CONTAINERS SUBMITTED

Main data table grid for sample tracking with columns for identification, preservation, matrix, and containers.

Table for Relinquished By: (SIGNATURE), DATE, TIME

Table for Received By: (SIGNATURE), DATE, TIME

LABORATORY USE ONLY table with columns: RECEIVED FOR LABORATORY BY, DATE, TIME, CUSTODY INTACT?, CUSTODY SEAL NO., TEMPERATURE OF COOLERS & REMARKS

LAB USE ONLY - SAMPLE NUMBER

Login Sample Receipt Checklist

Client:

Job Number: 400-61296-1

Login Number: 61296

List Number: 1

Creator: Hor, Koma

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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	1.8°C
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

