TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Tel: (361)289-2673

TestAmerica Job ID: 560-40622-1
Client Project/Site: Sludge Composite

For:
Edwards Aquifer Authority
900 E. Quincy
San Antonio, Texas 78215

Attn: Steve Johnson

Authorized for release by:
8/21/2013 1:03:39 PM

Lindy Maingot, Project Manager I
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Qualifiers

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi 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.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

Metals

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.

General Chemistry

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.
B	Compound was found in the blank and sample.

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
DER	Duplicate error ratio (normalized absolute difference)
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)

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Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
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Comments
No additional comments.

Receipt
The samples were received on 6/14/2013 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

Except:

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
Due to an error in the reagents used in prep batch 102470, the recoveries for demeton-o, demeton-s, trichloronate and stirophos do not appear in the lab report. Demeton-o and demeton-s met control criteria. The actual recoveries and control limits are: demeton-o, recoveries 34/22%, control limits 13-111%; demeton-s, recoveries 72/48%, control limit 42-138%: trichloronate, recoveries 56/36%, control limit 42-141%; stirophos, recoveries 58/58%, control limit 60-128%.

Due to an error in the reagents used in prep batch 102773, the recoveries for demeton-o, demeton-s, trichloronate and stirophos do not appear in the lab report. Demeton-o, demeton-s, and trichloronate met control criteria. The actual recoveries and control limits are: demeton-o, recoveries 44/67%, control limit 13-111%; demeton-s, recoveries 72/110%, control limits 42-138%; trichloronate, recoveries 50/70%, control limit 42-141%; stirophos, recoveries 58/91%, control limit 60-128%.

Samples 560-40622-1 and 2 were analyzed for Pesticides using Method 8081B. Surrogate recovery for these samples were outside control limits for DCB Decachlorobiphenyl and Tetrachloro-m-xylene. Re-extraction and/or re-analysis was performed outside of holding time with acceptable results.

Samples 560-40622-1 and 2 were analyzed for Pesticides using Method 8141B. Surrogate recovery for these samples were outside control limits for Triphenylphosphate. Re-extraction and/or re-analysis was performed outside of holding time with acceptable results for surrogates.

Samples 560-40622-1, 2 and 3 were analyzed for Pesticides using Method 8141B. The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 640-102773 recovered outside control limits for the following analytes: naled, monocrotophos. naled, monocrotophos has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for monocrotophos. These results have been reported and qualified.

Samples 560-40622-1, 2 and 3 were analyzed for Pesticides using Method 8141B. The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 640-102773 recovered outside control limits for the following analytes: epn, malathion and ethyl parathion. The samples in prep batch 640-102773 were extracted from prep batch 640-102470 which also had the LCS/LCSD exceed control limits. There is no sample left to re extract.

Samples 560-40622-1, 2 and 3 were analyzed for Herbicides using Method 8151A. This method incorporates the use of second column confirmation. Corrective action for unacceptable percent recovery is not taken for surrogate or spike compounds unless the results from

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Laboratory: TestAmerica Corpus Christi (Continued)

both columns are outside criteria. Any results which fall outside criteria are qualified and reported. Contamination in the extraction process causes a peak to coelute with 2,4-DCAA on the secondary column only, as such second column results are high biased.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

Samples 560-40622-1, 2 and 3 were analyzed for Sulfate using Method 9056. The following compound was detected in the method blank associated with these samples: Sulfate. The concentration of Sulfate was above the MDL, but below the RL. Therefore, data are reported.

No other analytical or quality issues were noted.

Organic Prep

Samples 560-40622-1, 2 and 3 were prepped/analyzed for Pesticides using Methods 3550C/8081. Due to insufficient sample volume no matrix spike/matrix spike duplicate (MS/MSD) was prepped/analyzed with Pesticides batch 102773.

No other analytical or quality issues were noted.

Detection Summary

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360 — Lab Sample ID: 560-40622-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	23.6	J	431	21.8	ug/Kg	1	☼	8270C	Total/NA
Silicon	1620		16.8	5.30	mg/Kg	1	☼	6010B	Total/NA
Aluminum	4280		2.10	1.01	mg/Kg	1	☼	6020	Total/NA
Calcium	189000		420	232	mg/Kg	20	☼	6020	Total/NA
Potassium	747		42.0	20.6	mg/Kg	1	☼	6020	Total/NA
Arsenic	1.62		0.210	0.0419	mg/Kg	1	☼	6020	Total/NA
Magnesium	1370		21.0	4.59	mg/Kg	1	☼	6020	Total/NA
Barium	26.1		0.210	0.0915	mg/Kg	1	☼	6020	Total/NA
Sodium	182		42.0	23.6	mg/Kg	1	☼	6020	Total/NA
Beryllium	0.476		0.210	0.0735	mg/Kg	1	☼	6020	Total/NA
Strontium	159		0.210	0.0513	mg/Kg	1	☼	6020	Total/NA
Cadmium	0.258		0.210	0.0605	mg/Kg	1	☼	6020	Total/NA
Chromium	12.7		0.210	0.0940	mg/Kg	1	☼	6020	Total/NA
Copper	5.48		0.420	0.149	mg/Kg	1	☼	6020	Total/NA
Iron	3110		21.0	4.64	mg/Kg	1	☼	6020	Total/NA
Lead	6.98		0.420	0.172	mg/Kg	1	☼	6020	Total/NA
Manganese	52.9		2.10	0.506	mg/Kg	1	☼	6020	Total/NA
Nickel	5.60		0.210	0.112	mg/Kg	1	☼	6020	Total/NA
Selenium	0.834		0.210	0.0365	mg/Kg	1	☼	6020	Total/NA
Silver	0.0687	J	0.210	0.0576	mg/Kg	1	☼	6020	Total/NA
Thallium	0.121	J	0.210	0.0578	mg/Kg	1	☼	6020	Total/NA
Zinc	17.5		1.05	0.644	mg/Kg	1	☼	6020	Total/NA
Phosphorus	643		24.1	13.3	mg/Kg	1	☼	365.4	Total/NA
Total Organic Carbon	1890	J	1970	354	mg/Kg	1	☼	WALKLEY BLACK	Total/NA
Chloride	21.4	J	65.5	6.88	mg/Kg	5	☼	9056	Soluble
Sulfate	153	B	65.5	56.7	mg/Kg	5	☼	9056	Soluble
Fluoride	2.44		1.31	0.262	mg/Kg	1	☼	SM 4500 F C	Soluble

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.01		0.100	0.100	SU	1		9045D	Total/NA
Total Alkalinity as CaCO3	1550		164	164	mg/Kg	1	☼	SM 2320B	Soluble
Bicarbonate Alkalinity as CaCO3	1090		164	164	mg/Kg	1	☼	SM 2320B	Soluble
Carbonate Alkalinity as CaCO3	459		164	164	mg/Kg	1	☼	SM 2320B	Soluble

Client Sample ID: HSM 360 FD — Lab Sample ID: 560-40622-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silicon	1080		15.8	4.99	mg/Kg	1	☼	6010B	Total/NA
Aluminum	4030		1.97	0.947	mg/Kg	1	☼	6020	Total/NA
Calcium	177000		394	218	mg/Kg	20	☼	6020	Total/NA
Potassium	665		39.4	19.3	mg/Kg	1	☼	6020	Total/NA
Arsenic	1.61		0.197	0.0394	mg/Kg	1	☼	6020	Total/NA
Magnesium	1200		19.7	4.32	mg/Kg	1	☼	6020	Total/NA
Barium	22.6		0.197	0.0860	mg/Kg	1	☼	6020	Total/NA
Sodium	140		39.4	22.2	mg/Kg	1	☼	6020	Total/NA
Beryllium	0.450		0.197	0.0691	mg/Kg	1	☼	6020	Total/NA
Strontium	134		0.197	0.0482	mg/Kg	1	☼	6020	Total/NA
Cadmium	0.196	J	0.197	0.0569	mg/Kg	1	☼	6020	Total/NA
Chromium	11.3		0.197	0.0884	mg/Kg	1	☼	6020	Total/NA
Copper	4.94		0.394	0.140	mg/Kg	1	☼	6020	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HSM 360 FD (Continued)

Lab Sample ID: 560-40622-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	2910		19.7	4.36	mg/Kg	1	☼	6020	Total/NA
Lead	7.18		0.394	0.162	mg/Kg	1	☼	6020	Total/NA
Manganese	45.0		1.97	0.476	mg/Kg	1	☼	6020	Total/NA
Nickel	4.20		0.197	0.105	mg/Kg	1	☼	6020	Total/NA
Selenium	0.936		0.197	0.0343	mg/Kg	1	☼	6020	Total/NA
Silver	0.0643	J	0.197	0.0541	mg/Kg	1	☼	6020	Total/NA
Thallium	0.104	J	0.197	0.0544	mg/Kg	1	☼	6020	Total/NA
Zinc	14.5		0.986	0.606	mg/Kg	1	☼	6020	Total/NA
Phosphorus	733		25.6	14.1	mg/Kg	1	☼	365.4	Total/NA
Total Organic Carbon	1720	J	1940	348	mg/Kg	1	☼	WALKLEY BLACK	Total/NA
Chloride	20.2	J	64.5	6.78	mg/Kg	5	☼	9056	Soluble
Sulfate	165	B	64.5	55.8	mg/Kg	5	☼	9056	Soluble
Fluoride	2.77		1.29	0.258	mg/Kg	1	☼	SM 4500 F C	Soluble

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.10		0.100	0.100	SU	1		9045D	Total/NA
Total Alkalinity as CaCO3	1790		161	161	mg/Kg	1	☼	SM 2320B	Soluble
Bicarbonate Alkalinity as CaCO3	1370		161	161	mg/Kg	1	☼	SM 2320B	Soluble
Carbonate Alkalinity as CaCO3	413		161	161	mg/Kg	1	☼	SM 2320B	Soluble

Client Sample ID: HSM 370

Lab Sample ID: 560-40622-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	73.2		64.6	9.30	ug/Kg	1	☼	8260B	Total/NA
Benzo[b]fluoranthene	28.8	J	470	23.8	ug/Kg	1	☼	8270C	Total/NA
Chrysene	27.6	J	470	23.8	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	26.3	J	470	23.8	ug/Kg	1	☼	8270C	Total/NA
Pyrene	27.0	J	470	23.8	ug/Kg	1	☼	8270C	Total/NA
4,4'-DDE	0.166	J p	4.58	0.118	ug/Kg	1	☼	8081B	Total/NA
Aroclor 1268	0.00888	J	0.0470	0.00727	mg/Kg	1	☼	8082A	Total/NA
Silicon	824		14.8	4.66	mg/Kg	1	☼	6010B	Total/NA
Aluminum	6340		1.85	0.886	mg/Kg	1	☼	6020	Total/NA
Calcium	260000		369	204	mg/Kg	20	☼	6020	Total/NA
Potassium	962		36.9	18.1	mg/Kg	1	☼	6020	Total/NA
Arsenic	8.24		0.185	0.0368	mg/Kg	1	☼	6020	Total/NA
Magnesium	2320		18.5	4.04	mg/Kg	1	☼	6020	Total/NA
Barium	86.2		0.185	0.0804	mg/Kg	1	☼	6020	Total/NA
Sodium	159		36.9	20.7	mg/Kg	1	☼	6020	Total/NA
Beryllium	0.662		0.185	0.0647	mg/Kg	1	☼	6020	Total/NA
Strontium	178		0.185	0.0451	mg/Kg	1	☼	6020	Total/NA
Cadmium	0.295		0.185	0.0532	mg/Kg	1	☼	6020	Total/NA
Chromium	11.1		0.185	0.0827	mg/Kg	1	☼	6020	Total/NA
Copper	7.38		0.369	0.131	mg/Kg	1	☼	6020	Total/NA
Iron	9340		18.5	4.08	mg/Kg	1	☼	6020	Total/NA
Lead	14.1		0.369	0.151	mg/Kg	1	☼	6020	Total/NA
Manganese	374		1.85	0.445	mg/Kg	1	☼	6020	Total/NA
Nickel	9.90		0.185	0.0982	mg/Kg	1	☼	6020	Total/NA
Selenium	1.14		0.185	0.0321	mg/Kg	1	☼	6020	Total/NA
Silver	0.0863	J	0.185	0.0506	mg/Kg	1	☼	6020	Total/NA
Thallium	0.124	J	0.185	0.0509	mg/Kg	1	☼	6020	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HSM 370 (Continued) — Lab Sample ID: 560-40622-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	24.5		0.923	0.567	mg/Kg	1	☼	6020	Total/NA
Mercury	0.0400	J	0.105	0.00944	mg/Kg	1	☼	7471A	Total/NA
Phosphorus	1420		257	141	mg/Kg	10	☼	365.4	Total/NA
Total Organic Carbon	16700		2140	386	mg/Kg	1	☼	WALKLEY BLACK	Total/NA
Chloride	9.95	J	28.6	3.00	mg/Kg	2	☼	9056	Soluble
Nitrate as N	7.20	J	14.3	1.59	mg/Kg	2	☼	9056	Soluble
Sulfate	295	B	28.6	24.7	mg/Kg	2	☼	9056	Soluble
Fluoride	1.15	J	1.43	0.286	mg/Kg	1	☼	SM 4500 F C	Soluble

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.62		0.100	0.100	SU	1		9045D	Total/NA
Total Alkalinity as CaCO3	1190		179	179	mg/Kg	1	☼	SM 2320B	Soluble
Bicarbonate Alkalinity as CaCO3	1020		179	179	mg/Kg	1	☼	SM 2320B	Soluble

Client Sample ID: Trip Blank — Lab Sample ID: 560-40622-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-1
Matrix: Solid
Percent Solids: 76.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<8.38		58.2	8.38	ug/Kg	☼		06/15/13 13:09	1
Acetonitrile	<43.1		58.2	43.1	ug/Kg	☼		06/15/13 13:09	1
Benzene	<0.268		5.82	0.268	ug/Kg	☼		06/15/13 13:09	1
Benzyl chloride	<0.582		5.82	0.582	ug/Kg	☼		06/15/13 13:09	1
Bromobenzene	<0.861		5.82	0.861	ug/Kg	☼		06/15/13 13:09	1
Bromochloromethane	<1.05		5.82	1.05	ug/Kg	☼		06/15/13 13:09	1
Bromoform	<0.594		5.82	0.594	ug/Kg	☼		06/15/13 13:09	1
Bromomethane	<1.28		5.82	1.28	ug/Kg	☼		06/15/13 13:09	1
1,3-Butadiene	<0.279		5.82	0.279	ug/Kg	☼		06/15/13 13:09	1
2-Butanone (MEK)	<2.21		11.6	2.21	ug/Kg	☼		06/15/13 13:09	1
Carbon disulfide	<1.16		5.82	1.16	ug/Kg	☼		06/15/13 13:09	1
Carbon tetrachloride	<0.594		5.82	0.594	ug/Kg	☼		06/15/13 13:09	1
Chlorobenzene	<0.268		5.82	0.268	ug/Kg	☼		06/15/13 13:09	1
2-Chloro-1,3-butadiene	<0.803		5.82	0.803	ug/Kg	☼		06/15/13 13:09	1
Chlorodibromomethane	<0.745		5.82	0.745	ug/Kg	☼		06/15/13 13:09	1
Chloroethane	<0.303		5.82	0.303	ug/Kg	☼		06/15/13 13:09	1
Chloroform	<1.01		5.82	1.01	ug/Kg	☼		06/15/13 13:09	1
1-Chlorohexane	<0.640		5.82	0.640	ug/Kg	☼		06/15/13 13:09	1
Chloromethane	<1.40		5.82	1.40	ug/Kg	☼		06/15/13 13:09	1
3-Chloro-1-propene	<1.14		5.82	1.14	ug/Kg	☼		06/15/13 13:09	1
2-Chlorotoluene	<0.256		5.82	0.256	ug/Kg	☼		06/15/13 13:09	1
4-Chlorotoluene	<0.803		5.82	0.803	ug/Kg	☼		06/15/13 13:09	1
cis-1,4-Dichloro-2-butene	<0.372		5.82	0.372	ug/Kg	☼		06/15/13 13:09	1
cis-1,2-Dichloroethene	<0.663		5.82	0.663	ug/Kg	☼		06/15/13 13:09	1
cis-1,3-Dichloropropene	<0.164		5.82	0.164	ug/Kg	☼		06/15/13 13:09	1
Cyclohexane	<1.15		11.6	1.15	ug/Kg	☼		06/15/13 13:09	1
Cyclohexanone	<11.6		116	11.6	ug/Kg	☼		06/15/13 13:09	1
1,2-Dibromo-3-Chloropropane	<0.384		5.82	0.384	ug/Kg	☼		06/15/13 13:09	1
Dibromomethane	<0.826		5.82	0.826	ug/Kg	☼		06/15/13 13:09	1
1,2-Dichlorobenzene	<0.291		5.82	0.291	ug/Kg	☼		06/15/13 13:09	1
1,3-Dichlorobenzene	<0.361		5.82	0.361	ug/Kg	☼		06/15/13 13:09	1
1,4-Dichlorobenzene	<0.372		5.82	0.372	ug/Kg	☼		06/15/13 13:09	1
Dichlorobromomethane	<0.221		5.82	0.221	ug/Kg	☼		06/15/13 13:09	1
Dichlorodifluoromethane	<0.850		5.82	0.850	ug/Kg	☼		06/15/13 13:09	1
1,1-Dichloroethane	<0.687		5.82	0.687	ug/Kg	☼		06/15/13 13:09	1
1,2-Dichloroethane	<0.605		5.82	0.605	ug/Kg	☼		06/15/13 13:09	1
1,1-Dichloroethene	<0.221		5.82	0.221	ug/Kg	☼		06/15/13 13:09	1
1,2-Dichloroethene, Total	<0.582		5.82	0.582	ug/Kg	☼		06/15/13 13:09	1
1,2-Dichloropropane	<0.175		5.82	0.175	ug/Kg	☼		06/15/13 13:09	1
1,3-Dichloropropane	<0.279		5.82	0.279	ug/Kg	☼		06/15/13 13:09	1
2,2-Dichloropropane	<0.978		5.82	0.978	ug/Kg	☼		06/15/13 13:09	1
1,1-Dichloropropene	<0.605		5.82	0.605	ug/Kg	☼		06/15/13 13:09	1
1,4-Dioxane	<22.1		116	22.1	ug/Kg	☼		06/15/13 13:09	1
EDB	<0.198		5.82	0.198	ug/Kg	☼		06/15/13 13:09	1
Ethyl acetate	<3.27		5.82	3.27	ug/Kg	☼		06/15/13 13:09	1
Ethylbenzene	<0.524		5.82	0.524	ug/Kg	☼		06/15/13 13:09	1
Ethylene oxide	<18.6		46.6	18.6	ug/Kg	☼		06/15/13 13:09	1
Ethyl ether	<0.198		5.82	0.198	ug/Kg	☼		06/15/13 13:09	1
Ethyl methacrylate	<0.594		5.82	0.594	ug/Kg	☼		06/15/13 13:09	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-1
Matrix: Solid
Percent Solids: 76.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.745		5.82	0.745	ug/Kg	☼		06/15/13 13:09	1
Hexane	<1.51		5.82	1.51	ug/Kg	☼		06/15/13 13:09	1
2-Hexanone	<1.75		11.6	1.75	ug/Kg	☼		06/15/13 13:09	1
Iodomethane	<0.931		5.82	0.931	ug/Kg	☼		06/15/13 13:09	1
Isobutyl alcohol	<79.2		116	79.2	ug/Kg	☼		06/15/13 13:09	1
Isooctane	<0.186		5.82	0.186	ug/Kg	☼		06/15/13 13:09	1
Isopropylbenzene	<0.163		5.82	0.163	ug/Kg	☼		06/15/13 13:09	1
4-Isopropyltoluene	<0.460		5.82	0.460	ug/Kg	☼		06/15/13 13:09	1
Methacrylonitrile	<2.79		58.2	2.79	ug/Kg	☼		06/15/13 13:09	1
Methylene Chloride	<5.82		29.1	5.82	ug/Kg	☼		06/15/13 13:09	1
Methyl methacrylate	<1.28		5.82	1.28	ug/Kg	☼		06/15/13 13:09	1
4-Methyl-2-pentanone (MIBK)	<1.75		11.6	1.75	ug/Kg	☼		06/15/13 13:09	1
Methyl tert-butyl ether	<0.710		5.82	0.710	ug/Kg	☼		06/15/13 13:09	1
m-Xylene & p-Xylene	<0.582		11.6	0.582	ug/Kg	☼		06/15/13 13:09	1
Naphthalene	<1.40		11.6	1.40	ug/Kg	☼		06/15/13 13:09	1
n-Butylbenzene	<0.314		5.82	0.314	ug/Kg	☼		06/15/13 13:09	1
n-Heptane	<0.617		5.82	0.617	ug/Kg	☼		06/15/13 13:09	1
2-Nitropropane	<0.605		5.82	0.605	ug/Kg	☼		06/15/13 13:09	1
N-Propylbenzene	<0.244		5.82	0.244	ug/Kg	☼		06/15/13 13:09	1
1-Octene	<0.582		5.82	0.582	ug/Kg	☼		06/15/13 13:09	1
o-Xylene	<0.256		5.82	0.256	ug/Kg	☼		06/15/13 13:09	1
Pentachloroethane	<1.63		5.82	1.63	ug/Kg	☼		06/15/13 13:09	1
Propionitrile	<5.70		58.2	5.70	ug/Kg	☼		06/15/13 13:09	1
sec-Butylbenzene	<0.233		5.82	0.233	ug/Kg	☼		06/15/13 13:09	1
Styrene	<0.233		5.82	0.233	ug/Kg	☼		06/15/13 13:09	1
tert-Butylbenzene	<0.291		5.82	0.291	ug/Kg	☼		06/15/13 13:09	1
1,1,1,2-Tetrachloroethane	<0.314		5.82	0.314	ug/Kg	☼		06/15/13 13:09	1
1,1,2,2-Tetrachloroethane	<0.442		5.82	0.442	ug/Kg	☼		06/15/13 13:09	1
Tetrachloroethene	<0.861		5.82	0.861	ug/Kg	☼		06/15/13 13:09	1
Toluene	<1.05		5.82	1.05	ug/Kg	☼		06/15/13 13:09	1
trans-1,4-Dichloro-2-butene	<1.02		5.82	1.02	ug/Kg	☼		06/15/13 13:09	1
trans-1,2-Dichloroethene	<0.582		5.82	0.582	ug/Kg	☼		06/15/13 13:09	1
trans-1,3-Dichloropropene	<0.605		5.82	0.605	ug/Kg	☼		06/15/13 13:09	1
1,2,3-Trichlorobenzene	<0.512		5.82	0.512	ug/Kg	☼		06/15/13 13:09	1
1,2,4-Trichlorobenzene	<1.13		5.82	1.13	ug/Kg	☼		06/15/13 13:09	1
1,3,5-Trichlorobenzene	<0.361		5.82	0.361	ug/Kg	☼		06/15/13 13:09	1
1,1,1-Trichloroethane	<0.815		5.82	0.815	ug/Kg	☼		06/15/13 13:09	1
1,1,2-Trichloroethane	<0.582		5.82	0.582	ug/Kg	☼		06/15/13 13:09	1
Trichloroethene	<0.326		5.82	0.326	ug/Kg	☼		06/15/13 13:09	1
Trichlorofluoromethane	<0.582		5.82	0.582	ug/Kg	☼		06/15/13 13:09	1
1,2,3-Trichloropropane	<0.885		5.82	0.885	ug/Kg	☼		06/15/13 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.780		5.82	0.780	ug/Kg	☼		06/15/13 13:09	1
1,2,4-Trimethylbenzene	<0.442		5.82	0.442	ug/Kg	☼		06/15/13 13:09	1
1,3,5-Trimethylbenzene	<0.407		5.82	0.407	ug/Kg	☼		06/15/13 13:09	1
Vinyl acetate	<1.28		5.82	1.28	ug/Kg	☼		06/15/13 13:09	1
Vinyl chloride	<0.698		5.82	0.698	ug/Kg	☼		06/15/13 13:09	1
Xylenes, Total	<0.582		17.5	0.582	ug/Kg	☼		06/15/13 13:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,5-Hexadiyne	*14.1*	*T J N*	*ug/Kg*	☼	*1.22*	*628-16-0*		*06/15/13 13:09*	*1*

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-1
Matrix: Solid
Percent Solids: 76.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
9H-Carbazole, 2-methyl-	172	T J N	ug/Kg	☼	16.82	3652-91-3		06/15/13 13:09	1
1,1'-Biphenyl, 2,2'-diethyl-	61.6	T J N	ug/Kg	☼	17.09	13049-35-9		06/15/13 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		61 - 136		06/15/13 13:09	1
Dibromofluoromethane (Surr)	104		50 - 136		06/15/13 13:09	1
1,2-Dichloroethane-d4 (Surr)	111		65 - 152		06/15/13 13:09	1
Toluene-d8 (Surr)	94		65 - 139		06/15/13 13:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Acenaphthylene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Anthracene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Benzo[a]anthracene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Benzo[a]pyrene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Benzo[b]fluoranthene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Benzo[g,h,i]perylene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Benzo[k]fluoranthene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Benzyl alcohol	<32.0		431	32.0	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Bis(2-chloroethoxy)methane	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Bis(2-chloroethyl)ether	<48.9		431	48.9	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Bis(2-ethylhexyl) phthalate	**23.6**	**J**	431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
4-Bromophenyl phenyl ether	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Butyl benzyl phthalate	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
4-Chloroaniline	<60.9		431	60.9	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
4-Chloro-3-methylphenol	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2-Chloronaphthalene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2-Chlorophenol	<36.3		431	36.3	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
4-Chlorophenyl phenyl ether	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Chrysene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Dibenz(a,h)anthracene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Dibenzofuran	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
1,2-Dichlorobenzene	<68.1		431	68.1	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
1,3-Dichlorobenzene	<57.2		431	57.2	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
1,4-Dichlorobenzene	<59.8		431	59.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
3,3'-Dichlorobenzidine	<65.3		431	65.3	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2,4-Dichlorophenol	<29.8		431	29.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Diethyl phthalate	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2,4-Dimethylphenol	<26.6		431	26.6	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Dimethyl phthalate	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Di-n-butyl phthalate	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
4,6-Dinitro-2-methylphenol	<65.3		431	65.3	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2,4-Dinitrophenol	<131		431	131	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2,4-Dinitrotoluene	<27.6		431	27.6	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2,6-Dinitrotoluene	<65.3		431	65.3	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Di-n-octyl phthalate	<24.4		431	24.4	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Fluoranthene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Fluorene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-1
Matrix: Solid
Percent Solids: 76.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Hexachlorobutadiene	<58.4		431	58.4	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Hexachlorocyclopentadiene	<131		431	131	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Hexachloroethane	<65.4		431	65.4	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Indeno[1,2,3-cd]pyrene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Isophorone	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2-Methylnaphthalene	<40.6		431	40.6	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2-Methylphenol	<43.1		431	43.1	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
3 & 4 Methylphenol	<65.3		875	65.3	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Naphthalene	<54.5		431	54.5	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2-Nitroaniline	<29.0		431	29.0	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
3-Nitroaniline	<65.3		431	65.3	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
4-Nitroaniline	<36.7		431	36.7	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Nitrobenzene	<47.5		431	47.5	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2-Nitrophenol	<22.2		431	22.2	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
4-Nitrophenol	<39.8		431	39.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
N-Nitrosodi-n-propylamine	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
N-Nitrosodiphenylamine	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Pentachlorophenol	<131		431	131	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Phenanthrene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Phenol	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
Pyrene	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
1,2,4-Trichlorobenzene	<59.7		431	59.7	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2,4,5-Trichlorophenol	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1
2,4,6-Trichlorophenol	<21.8		431	21.8	ug/Kg	☼	06/18/13 11:00	06/19/13 18:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Heptanol	*311*	*T J N*	*ug/Kg*	☼	*3.95*	*543-49-7*	*06/18/13 11:00*	*06/19/13 18:38*	*1*
Unknown	*274*	*T J*	*ug/Kg*	☼	*5.05*		*06/18/13 11:00*	*06/19/13 18:38*	*1*
Octadecanol	*417*	*T J N*	*ug/Kg*	☼	*15.88*	*26762-44-7*	*06/18/13 11:00*	*06/19/13 18:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*57 - 130*	*06/18/13 11:00*	*06/19/13 18:38*	*1*
2-Fluorophenol	*82*		*48 - 130*	*06/18/13 11:00*	*06/19/13 18:38*	*1*
Nitrobenzene-d5	*74*		*48 - 130*	*06/18/13 11:00*	*06/19/13 18:38*	*1*
Phenol-d5	*82*		*56 - 130*	*06/18/13 11:00*	*06/19/13 18:38*	*1*
Terphenyl-d14	*71*		*58 - 130*	*06/18/13 11:00*	*06/19/13 18:38*	*1*
2,4,6-Tribromophenol	*90*		*30 - 131*	*06/18/13 11:00*	*06/19/13 18:38*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.120		2.17	0.120	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
4,4'-DDD	<0.114		4.22	0.114	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
4,4'-DDE	<0.109		4.22	0.109	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
4,4'-DDT	<0.166		4.22	0.166	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Aldrin	<0.0613		2.17	0.0613	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
alpha-BHC	<0.358		2.17	0.358	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
alpha-Chlordane	<0.0728		2.17	0.0728	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
beta-BHC	<0.0907		2.17	0.0907	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Dieldrin	<0.0434		4.22	0.0434	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1

Client Sample ID: HSM 360
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-1
Matrix: Solid
Percent Solids: 76.3

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	<0.0447		2.17	0.0447	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Endosulfan II	<0.109		4.22	0.109	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Endosulfan sulfate	<0.204		4.22	0.204	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Endrin	<0.115		4.22	0.115	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Endrin aldehyde	<0.153		4.22	0.153	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Endrin ketone	<0.153		4.22	0.153	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
gamma-BHC (Lindane)	<0.0498		2.17	0.0498	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
gamma-Chlordane	<0.107		2.17	0.107	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Heptachlor	<0.153		2.17	0.153	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Heptachlor epoxide	<0.0728		2.17	0.0728	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Methoxychlor	<0.105		21.7	0.105	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Toxaphene	<8.56		217	8.56	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1
Chlordane (technical)	<3.19		21.7	3.19	ug/Kg	☼	06/17/13 10:11	06/27/13 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*24*	*X*	*30 - 138*	*06/17/13 10:11*	*06/27/13 15:34*	*1*
Tetrachloro-m-xylene	*6*	*X*	*30 - 130*	*06/17/13 10:11*	*06/27/13 15:34*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1221	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1232	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1242	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1248	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1254	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1260	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1262	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1
Aroclor 1268	<0.00667		0.0432	0.00667	mg/Kg	☼	06/24/13 15:33	06/25/13 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*57 - 138*	*06/24/13 15:33*	*06/25/13 12:41*	*1*
Tetrachloro-m-xylene	*84*		*32 - 132*	*06/24/13 15:33*	*06/25/13 12:41*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<19.2		84.3	19.2	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Bolstar	<6.01		42.2	6.01	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Chlorpyrifos	<8.69		42.2	8.69	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Coumaphos	<28.1		422	28.1	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Demeton-O	<3.32		106	3.32	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Demeton-S	<7.16		106	7.16	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Diazinon	<7.28		42.2	7.28	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Dichlorvos	<8.18		84.3	8.18	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Dimethoate	<11.2		84.3	11.2	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Disulfoton	<20.4		84.3	20.4	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
EPN	<5.75		42.2	5.75	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Famphur	<10.6		84.3	10.6	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Fensulfothion	<15.3		422	15.3	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Fenthion	<6.01		42.2	6.01	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1

Client Sample ID: HSM 360
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-1
Matrix: Solid
Percent Solids: 76.3

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Malathion	<10.5		42.2	10.5	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Merphos	<14.1		42.2	14.1	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Methyl parathion	<6.90		21.7	6.90	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Mevinphos	<5.88		84.3	5.88	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Ethoprop	<5.37		21.7	5.37	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Monochrotophos	<58.8		422	58.8	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Naled	<28.1		422	28.1	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Ethyl Parathion	<7.03		42.2	7.03	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Phorate	<6.90		42.2	6.90	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Ronnel	<5.37		42.2	5.37	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Stirophos	<8.18		42.2	8.18	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Sulfotepp	<11.0		21.7	11.0	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Thionazin	<12.8		42.2	12.8	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Tokuthion	<6.90		42.2	6.90	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1
Trichloronate	<9.71		422	9.71	ug/Kg	☼	06/17/13 10:11	06/27/13 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*24*	*X*	*35 - 134*	*06/17/13 10:11*	*06/27/13 00:28*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<6.49		10.8	6.49	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
Dalapon	<3.77		429	3.77	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
2,4-DB	<3.90		10.8	3.90	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
Dicamba	<2.47		10.8	2.47	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
Dichlorprop	<1.43		10.8	1.43	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
Dinoseb	<5.98		130	5.98	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
MCPA	<247		2600	247	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
Mecoprop	<221		2600	221	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
Pentachlorophenol	<0.546		10.8	0.546	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
Silvex (2,4,5-TP)	<2.08		10.8	2.08	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1
2,4,5-T	<2.99		10.8	2.99	ug/Kg	☼	06/19/13 08:50	06/25/13 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*69*	*p*	*35 - 137*	*06/19/13 08:50*	*06/25/13 13:13*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**1620**		16.8	5.30	mg/Kg	☼	06/26/13 09:20	06/28/13 21:46	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4280**		2.10	1.01	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Calcium	**189000**		420	232	mg/Kg	☼	06/26/13 09:20	06/27/13 16:21	20
Antimony	<0.0806		0.210	0.0806	mg/Kg	☼	06/26/13 09:20	06/27/13 15:28	1
Potassium	**747**		42.0	20.6	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Arsenic	**1.62**		0.210	0.0419	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Magnesium	**1370**		21.0	4.59	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Barium	**26.1**		0.210	0.0915	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Sodium	**182**		42.0	23.6	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Beryllium	**0.476**		0.210	0.0735	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1

Client Sample ID: HSM 360

Lab Sample ID: 560-40622-1

Date Collected: 06/13/13 09:30

Matrix: Solid

Date Received: 06/14/13 08:30

Percent Solids: 76.3

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Strontium	159		0.210	0.0513	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Cadmium	0.258		0.210	0.0605	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Chromium	12.7		0.210	0.0940	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Copper	5.48		0.420	0.149	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Iron	3110		21.0	4.64	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Lead	6.98		0.420	0.172	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Manganese	52.9		2.10	0.506	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Nickel	5.60		0.210	0.112	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Selenium	0.834		0.210	0.0365	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Silver	0.0687	J	0.210	0.0576	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Thallium	0.121	J	0.210	0.0578	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1
Zinc	17.5		1.05	0.644	mg/Kg	☼	06/26/13 09:20	06/26/13 18:27	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0103		0.115	0.0103	mg/Kg	☼	06/24/13 11:00	06/24/13 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	643		24.1	13.3	mg/Kg	☼	06/21/13 16:30	06/24/13 20:21	1
Total Organic Carbon	1890	J	1970	354	mg/Kg	☼		06/27/13 13:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.01		0.100	0.100	SU			06/19/13 15:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.4	J	65.5	6.88	mg/Kg	☼		07/02/13 22:41	5
Nitrate as N	<3.64		32.8	3.64	mg/Kg	☼		07/02/13 22:41	5
Sulfate	153	B	65.5	56.7	mg/Kg	☼		07/02/13 22:41	5
Bromide	<4.04		65.5	4.04	mg/Kg	☼		07/02/13 22:41	5
Fluoride	2.44		1.31	0.262	mg/Kg	☼		06/24/13 11:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	1550		164	164	mg/Kg	☼		06/21/13 15:00	1
Bicarbonate Alkalinity as CaCO3	1090		164	164	mg/Kg	☼		06/21/13 15:00	1
Carbonate Alkalinity as CaCO3	459		164	164	mg/Kg	☼		06/21/13 15:00	1

Client Sample ID: HSM 360 FD

Lab Sample ID: 560-40622-2

Date Collected: 06/13/13 09:30

Matrix: Solid

Date Received: 06/14/13 08:30

Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<8.37		58.1	8.37	ug/Kg	☼		06/15/13 13:35	1
Acetonitrile	<43.0		58.1	43.0	ug/Kg	☼		06/15/13 13:35	1
Benzene	<0.267		5.81	0.267	ug/Kg	☼		06/15/13 13:35	1
Benzyl chloride	<0.581		5.81	0.581	ug/Kg	☼		06/15/13 13:35	1
Bromobenzene	<0.860		5.81	0.860	ug/Kg	☼		06/15/13 13:35	1
Bromochloromethane	<1.05		5.81	1.05	ug/Kg	☼		06/15/13 13:35	1
Bromoform	<0.593		5.81	0.593	ug/Kg	☼		06/15/13 13:35	1
Bromomethane	<1.28		5.81	1.28	ug/Kg	☼		06/15/13 13:35	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360 FD
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-2
Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	<0.279		5.81	0.279	ug/Kg	☼		06/15/13 13:35	1
2-Butanone (MEK)	<2.21		11.6	2.21	ug/Kg	☼		06/15/13 13:35	1
Carbon disulfide	<1.16		5.81	1.16	ug/Kg	☼		06/15/13 13:35	1
Carbon tetrachloride	<0.593		5.81	0.593	ug/Kg	☼		06/15/13 13:35	1
Chlorobenzene	<0.267		5.81	0.267	ug/Kg	☼		06/15/13 13:35	1
2-Chloro-1,3-butadiene	<0.802		5.81	0.802	ug/Kg	☼		06/15/13 13:35	1
Chlorodibromomethane	<0.744		5.81	0.744	ug/Kg	☼		06/15/13 13:35	1
Chloroethane	<0.302		5.81	0.302	ug/Kg	☼		06/15/13 13:35	1
Chloroform	<1.01		5.81	1.01	ug/Kg	☼		06/15/13 13:35	1
1-Chlorohexane	<0.640		5.81	0.640	ug/Kg	☼		06/15/13 13:35	1
Chloromethane	<1.40		5.81	1.40	ug/Kg	☼		06/15/13 13:35	1
3-Chloro-1-propene	<1.14		5.81	1.14	ug/Kg	☼		06/15/13 13:35	1
2-Chlorotoluene	<0.256		5.81	0.256	ug/Kg	☼		06/15/13 13:35	1
4-Chlorotoluene	<0.802		5.81	0.802	ug/Kg	☼		06/15/13 13:35	1
cis-1,4-Dichloro-2-butene	<0.372		5.81	0.372	ug/Kg	☼		06/15/13 13:35	1
cis-1,2-Dichloroethene	<0.663		5.81	0.663	ug/Kg	☼		06/15/13 13:35	1
cis-1,3-Dichloropropene	<0.164		5.81	0.164	ug/Kg	☼		06/15/13 13:35	1
Cyclohexane	<1.15		11.6	1.15	ug/Kg	☼		06/15/13 13:35	1
Cyclohexanone	<11.6		116	11.6	ug/Kg	☼		06/15/13 13:35	1
1,2-Dibromo-3-Chloropropane	<0.384		5.81	0.384	ug/Kg	☼		06/15/13 13:35	1
Dibromomethane	<0.826		5.81	0.826	ug/Kg	☼		06/15/13 13:35	1
1,2-Dichlorobenzene	<0.291		5.81	0.291	ug/Kg	☼		06/15/13 13:35	1
1,3-Dichlorobenzene	<0.360		5.81	0.360	ug/Kg	☼		06/15/13 13:35	1
1,4-Dichlorobenzene	<0.372		5.81	0.372	ug/Kg	☼		06/15/13 13:35	1
Dichlorobromomethane	<0.221		5.81	0.221	ug/Kg	☼		06/15/13 13:35	1
Dichlorodifluoromethane	<0.849		5.81	0.849	ug/Kg	☼		06/15/13 13:35	1
1,1-Dichloroethane	<0.686		5.81	0.686	ug/Kg	☼		06/15/13 13:35	1
1,2-Dichloroethane	<0.605		5.81	0.605	ug/Kg	☼		06/15/13 13:35	1
1,1-Dichloroethene	<0.221		5.81	0.221	ug/Kg	☼		06/15/13 13:35	1
1,2-Dichloroethene, Total	<0.581		5.81	0.581	ug/Kg	☼		06/15/13 13:35	1
1,2-Dichloropropane	<0.174		5.81	0.174	ug/Kg	☼		06/15/13 13:35	1
1,3-Dichloropropane	<0.279		5.81	0.279	ug/Kg	☼		06/15/13 13:35	1
2,2-Dichloropropane	<0.977		5.81	0.977	ug/Kg	☼		06/15/13 13:35	1
1,1-Dichloropropene	<0.605		5.81	0.605	ug/Kg	☼		06/15/13 13:35	1
1,4-Dioxane	<22.1		116	22.1	ug/Kg	☼		06/15/13 13:35	1
EDB	<0.198		5.81	0.198	ug/Kg	☼		06/15/13 13:35	1
Ethyl acetate	<3.27		5.81	3.27	ug/Kg	☼		06/15/13 13:35	1
Ethylbenzene	<0.523		5.81	0.523	ug/Kg	☼		06/15/13 13:35	1
Ethylene oxide	<18.6		46.5	18.6	ug/Kg	☼		06/15/13 13:35	1
Ethyl ether	<0.198		5.81	0.198	ug/Kg	☼		06/15/13 13:35	1
Ethyl methacrylate	<0.593		5.81	0.593	ug/Kg	☼		06/15/13 13:35	1
Hexachlorobutadiene	<0.744		5.81	0.744	ug/Kg	☼		06/15/13 13:35	1
Hexane	<1.51		5.81	1.51	ug/Kg	☼		06/15/13 13:35	1
2-Hexanone	<1.74		11.6	1.74	ug/Kg	☼		06/15/13 13:35	1
Iodomethane	<0.930		5.81	0.930	ug/Kg	☼		06/15/13 13:35	1
Isobutyl alcohol	<79.1		116	79.1	ug/Kg	☼		06/15/13 13:35	1
Isooctane	<0.186		5.81	0.186	ug/Kg	☼		06/15/13 13:35	1
Isopropylbenzene	<0.163		5.81	0.163	ug/Kg	☼		06/15/13 13:35	1
4-Isopropyltoluene	<0.459		5.81	0.459	ug/Kg	☼		06/15/13 13:35	1

Client Sample ID: HSM 360 FD
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-2
Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.79		58.1	2.79	ug/Kg	☼		06/15/13 13:35	1
Methylene Chloride	<5.81		29.1	5.81	ug/Kg	☼		06/15/13 13:35	1
Methyl methacrylate	<1.28		5.81	1.28	ug/Kg	☼		06/15/13 13:35	1
4-Methyl-2-pentanone (MIBK)	<1.74		11.6	1.74	ug/Kg	☼		06/15/13 13:35	1
Methyl tert-butyl ether	<0.709		5.81	0.709	ug/Kg	☼		06/15/13 13:35	1
m-Xylene & p-Xylene	<0.581		11.6	0.581	ug/Kg	☼		06/15/13 13:35	1
Naphthalene	<1.40		11.6	1.40	ug/Kg	☼		06/15/13 13:35	1
n-Butylbenzene	<0.314		5.81	0.314	ug/Kg	☼		06/15/13 13:35	1
n-Heptane	<0.616		5.81	0.616	ug/Kg	☼		06/15/13 13:35	1
2-Nitropropane	<0.605		5.81	0.605	ug/Kg	☼		06/15/13 13:35	1
N-Propylbenzene	<0.244		5.81	0.244	ug/Kg	☼		06/15/13 13:35	1
1-Octene	<0.581		5.81	0.581	ug/Kg	☼		06/15/13 13:35	1
o-Xylene	<0.256		5.81	0.256	ug/Kg	☼		06/15/13 13:35	1
Pentachloroethane	<1.63		5.81	1.63	ug/Kg	☼		06/15/13 13:35	1
Propionitrile	<5.70		58.1	5.70	ug/Kg	☼		06/15/13 13:35	1
sec-Butylbenzene	<0.233		5.81	0.233	ug/Kg	☼		06/15/13 13:35	1
Styrene	<0.233		5.81	0.233	ug/Kg	☼		06/15/13 13:35	1
tert-Butylbenzene	<0.291		5.81	0.291	ug/Kg	☼		06/15/13 13:35	1
1,1,1,2-Tetrachloroethane	<0.314		5.81	0.314	ug/Kg	☼		06/15/13 13:35	1
1,1,2,2-Tetrachloroethane	<0.442		5.81	0.442	ug/Kg	☼		06/15/13 13:35	1
Tetrachloroethene	<0.860		5.81	0.860	ug/Kg	☼		06/15/13 13:35	1
Toluene	<1.05		5.81	1.05	ug/Kg	☼		06/15/13 13:35	1
trans-1,4-Dichloro-2-butene	<1.02		5.81	1.02	ug/Kg	☼		06/15/13 13:35	1
trans-1,2-Dichloroethene	<0.581		5.81	0.581	ug/Kg	☼		06/15/13 13:35	1
trans-1,3-Dichloropropene	<0.605		5.81	0.605	ug/Kg	☼		06/15/13 13:35	1
1,2,3-Trichlorobenzene	<0.512		5.81	0.512	ug/Kg	☼		06/15/13 13:35	1
1,2,4-Trichlorobenzene	<1.13		5.81	1.13	ug/Kg	☼		06/15/13 13:35	1
1,3,5-Trichlorobenzene	<0.360		5.81	0.360	ug/Kg	☼		06/15/13 13:35	1
1,1,1-Trichloroethane	<0.814		5.81	0.814	ug/Kg	☼		06/15/13 13:35	1
1,1,2-Trichloroethane	<0.581		5.81	0.581	ug/Kg	☼		06/15/13 13:35	1
Trichloroethene	<0.326		5.81	0.326	ug/Kg	☼		06/15/13 13:35	1
Trichlorofluoromethane	<0.581		5.81	0.581	ug/Kg	☼		06/15/13 13:35	1
1,2,3-Trichloropropane	<0.884		5.81	0.884	ug/Kg	☼		06/15/13 13:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.779		5.81	0.779	ug/Kg	☼		06/15/13 13:35	1
1,2,4-Trimethylbenzene	<0.442		5.81	0.442	ug/Kg	☼		06/15/13 13:35	1
1,3,5-Trimethylbenzene	<0.407		5.81	0.407	ug/Kg	☼		06/15/13 13:35	1
Vinyl acetate	<1.28		5.81	1.28	ug/Kg	☼		06/15/13 13:35	1
Vinyl chloride	<0.698		5.81	0.698	ug/Kg	☼		06/15/13 13:35	1
Xylenes, Total	<0.581		17.4	0.581	ug/Kg	☼		06/15/13 13:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,5-Hexadiyne	*13.6*	*T J N*	*ug/Kg*	☼	*1.22*	*628-16-0*		*06/15/13 13:35*	*1*
Cyclotrisiloxane, hexamethyl-	*6.28*	*T J N*	*ug/Kg*	☼	*14.82*	*541-5-9*		*06/15/13 13:35*	*1*
Arsenous acid, tris(trimethylsilyl) este	*404*	*T J N*	*ug/Kg*	☼	*16.82*	*55429-29-3*		*06/15/13 13:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*61 - 136*		*06/15/13 13:35*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 136*		*06/15/13 13:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 152*		*06/15/13 13:35*	*1*

Client Sample ID: HSM 360 FD
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-2
Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		65 - 139		06/15/13 13:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Acenaphthylene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Anthracene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Benzo[a]anthracene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Benzo[a]pyrene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Benzo[b]fluoranthene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Benzo[g,h,i]perylene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Benzo[k]fluoranthene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Benzyl alcohol	<31.6		426	31.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Bis(2-chloroethoxy)methane	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Bis(2-chloroethyl)ether	<48.3		426	48.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Bis(2-ethylhexyl) phthalate	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
4-Bromophenyl phenyl ether	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Butyl benzyl phthalate	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
4-Chloroaniline	<60.1		426	60.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
4-Chloro-3-methylphenol	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2-Chloronaphthalene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2-Chlorophenol	<35.9		426	35.9	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
4-Chlorophenyl phenyl ether	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Chrysene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Dibenz(a,h)anthracene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Dibenzofuran	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
1,2-Dichlorobenzene	<67.2		426	67.2	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
1,3-Dichlorobenzene	<56.5		426	56.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
1,4-Dichlorobenzene	<59.1		426	59.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
3,3'-Dichlorobenzidine	<64.5		426	64.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2,4-Dichlorophenol	<29.4		426	29.4	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Diethyl phthalate	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2,4-Dimethylphenol	<26.3		426	26.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Dimethyl phthalate	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Di-n-butyl phthalate	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
4,6-Dinitro-2-methylphenol	<64.5		426	64.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2,4-Dinitrophenol	<129		426	129	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2,4-Dinitrotoluene	<27.2		426	27.2	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2,6-Dinitrotoluene	<64.5		426	64.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Di-n-octyl phthalate	<24.1		426	24.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Fluoranthene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Fluorene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Hexachlorobenzene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Hexachlorobutadiene	<57.7		426	57.7	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Hexachlorocyclopentadiene	<129		426	129	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Hexachloroethane	<64.7		426	64.7	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Indeno[1,2,3-cd]pyrene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Isophorone	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2-Methylnaphthalene	<40.1		426	40.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360 FD
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-2
Matrix: Solid
Percent Solids: 77.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<42.6		426	42.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
3 & 4 Methylphenol	<64.5		865	64.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Naphthalene	<53.8		426	53.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2-Nitroaniline	<28.7		426	28.7	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
3-Nitroaniline	<64.5		426	64.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
4-Nitroaniline	<36.3		426	36.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Nitrobenzene	<47.0		426	47.0	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2-Nitrophenol	<21.9		426	21.9	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
4-Nitrophenol	<39.4		426	39.4	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
N-Nitrosodi-n-propylamine	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
N-Nitrosodiphenylamine	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Pentachlorophenol	<129		426	129	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Phenanthrene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Phenol	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
Pyrene	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
1,2,4-Trichlorobenzene	<59.0		426	59.0	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2,4,5-Trichlorophenol	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1
2,4,6-Trichlorophenol	<21.6		426	21.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*182*	*T J*	*ug/Kg*	☼	*3.95*		*06/18/13 11:00*	*06/19/13 19:05*	*1*
Unknown	*771*	*T J*	*ug/Kg*	☼	*4.13*		*06/18/13 11:00*	*06/19/13 19:05*	*1*
Unknown	*234*	*T J*	*ug/Kg*	☼	*5.06*		*06/18/13 11:00*	*06/19/13 19:05*	*1*
5-Eicosene, (E)-	*388*	*T J N*	*ug/Kg*	☼	*15.88*	*74685-30-6*	*06/18/13 11:00*	*06/19/13 19:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*57 - 130*	*06/18/13 11:00*	*06/19/13 19:05*	*1*
2-Fluorophenol	*73*		*48 - 130*	*06/18/13 11:00*	*06/19/13 19:05*	*1*
Nitrobenzene-d5	*68*		*48 - 130*	*06/18/13 11:00*	*06/19/13 19:05*	*1*
Phenol-d5	*74*		*56 - 130*	*06/18/13 11:00*	*06/19/13 19:05*	*1*
Terphenyl-d14	*71*		*58 - 130*	*06/18/13 11:00*	*06/19/13 19:05*	*1*
2,4,6-Tribromophenol	*93*		*30 - 131*	*06/18/13 11:00*	*06/19/13 19:05*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.120		2.17	0.120	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
4,4'-DDD	<0.114		4.22	0.114	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
4,4'-DDE	<0.109		4.22	0.109	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
4,4'-DDT	<0.166		4.22	0.166	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Aldrin	<0.0613		2.17	0.0613	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
alpha-BHC	<0.358		2.17	0.358	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
alpha-Chlordane	<0.0728		2.17	0.0728	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
beta-BHC	<0.0907		2.17	0.0907	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Dieldrin	<0.0434		4.22	0.0434	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Endosulfan I	<0.0447		2.17	0.0447	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Endosulfan II	<0.109		4.22	0.109	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Endosulfan sulfate	<0.204		4.22	0.204	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Endrin	<0.115		4.22	0.115	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Endrin aldehyde	<0.153		4.22	0.153	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Endrin ketone	<0.153		4.22	0.153	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1

Client Sample ID: HSM 360 FD
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-2
Matrix: Solid
Percent Solids: 77.5

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	<0.0498		2.17	0.0498	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
gamma-Chlordane	<0.107		2.17	0.107	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Heptachlor	<0.153		2.17	0.153	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Heptachlor epoxide	<0.0728		2.17	0.0728	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Methoxychlor	<0.105		21.7	0.105	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Toxaphene	<8.56		217	8.56	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1
Chlordane (technical)	<3.19		21.7	3.19	ug/Kg	☼	06/17/13 10:11	06/27/13 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*13*	*X*	*30 - 138*	*06/17/13 10:11*	*06/27/13 16:19*	*1*
Tetrachloro-m-xylene	*4*	*X*	*30 - 130*	*06/17/13 10:11*	*06/27/13 16:19*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1221	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1232	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1242	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1248	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1254	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1260	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1262	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1
Aroclor 1268	<0.00656		0.0425	0.00656	mg/Kg	☼	06/24/13 15:33	06/25/13 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*57 - 138*	*06/24/13 15:33*	*06/25/13 13:00*	*1*
Tetrachloro-m-xylene	*84*		*32 - 132*	*06/24/13 15:33*	*06/25/13 13:00*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<19.2		84.3	19.2	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Bolstar	<6.00		42.2	6.00	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Chlorpyrifos	<8.69		42.2	8.69	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Coumaphos	<28.1		422	28.1	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Demeton-O	<3.32		106	3.32	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Demeton-S	<7.15		106	7.15	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Diazinon	<7.28		42.2	7.28	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Dichlorvos	<8.18		84.3	8.18	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Dimethoate	<11.2		84.3	11.2	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Disulfoton	<20.4		84.3	20.4	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
EPN	<5.75		42.2	5.75	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Famphur	<10.6		84.3	10.6	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Fensulfothion	<15.3		422	15.3	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Fenthion	<6.00		42.2	6.00	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Malathion	<10.5		42.2	10.5	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Merphos	<14.1		42.2	14.1	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Methyl parathion	<6.90		21.7	6.90	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Mevinphos	<5.88		84.3	5.88	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Ethoprop	<5.37		21.7	5.37	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Monochrotophos	<58.8		422	58.8	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 360 FD
Date Collected: 06/13/13 09:30
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-2
Matrix: Solid
Percent Solids: 77.5

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naled	<28.1		422	28.1	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Ethyl Parathion	<7.03		42.2	7.03	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Phorate	<6.90		42.2	6.90	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Ronnel	<5.37		42.2	5.37	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Stirophos	<8.18		42.2	8.18	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Sulfotepp	<11.0		21.7	11.0	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Thionazin	<12.8		42.2	12.8	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Tokuthion	<6.90		42.2	6.90	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1
Trichloronate	<9.71		422	9.71	ug/Kg	☼	06/17/13 10:11	06/27/13 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*19*	*X*	*35 - 134*	*06/17/13 10:11*	*06/27/13 00:13*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<6.43		10.7	6.43	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
Dalapon	<3.73		424	3.73	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
2,4-DB	<3.86		10.7	3.86	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
Dicamba	<2.44		10.7	2.44	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
Dichlorprop	<1.41		10.7	1.41	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
Dinoseb	<5.91		129	5.91	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
MCPA	<244		2570	244	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
Mecoprop	<219		2570	219	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
Pentachlorophenol	<0.540		10.7	0.540	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
Silvex (2,4,5-TP)	<2.06		10.7	2.06	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1
2,4,5-T	<2.96		10.7	2.96	ug/Kg	☼	06/19/13 08:50	06/25/13 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*70*	*p*	*35 - 137*	*06/19/13 08:50*	*06/25/13 12:23*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**1080**		15.8	4.99	mg/Kg	☼	06/26/13 09:20	06/28/13 21:50	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4030**		1.97	0.947	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Calcium	**177000**		394	218	mg/Kg	☼	06/26/13 09:20	06/27/13 16:56	20
Antimony	<0.0758		0.197	0.0758	mg/Kg	☼	06/26/13 09:20	06/27/13 15:34	1
Potassium	**665**		39.4	19.3	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Arsenic	**1.61**		0.197	0.0394	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Magnesium	**1200**		19.7	4.32	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Barium	**22.6**		0.197	0.0860	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Sodium	**140**		39.4	22.2	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Beryllium	**0.450**		0.197	0.0691	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Strontium	**134**		0.197	0.0482	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Cadmium	**0.196**	**J**	0.197	0.0569	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Chromium	**11.3**		0.197	0.0884	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Copper	**4.94**		0.394	0.140	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Iron	**2910**		19.7	4.36	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Lead	**7.18**		0.394	0.162	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1

Client Sample ID: HSM 360 FD

Lab Sample ID: 560-40622-2

Date Collected: 06/13/13 09:30
Matrix: Solid
Date Received: 06/14/13 08:30
Percent Solids: 77.5

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	45.0		1.97	0.476	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Nickel	4.20		0.197	0.105	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Selenium	0.936		0.197	0.0343	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Silver	0.0643	J	0.197	0.0541	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Thallium	0.104	J	0.197	0.0544	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1
Zinc	14.5		0.986	0.606	mg/Kg	☼	06/26/13 09:20	06/26/13 18:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00864		0.0960	0.00864	mg/Kg	☼	06/28/13 15:00	06/28/13 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	733		25.6	14.1	mg/Kg	☼	06/21/13 16:30	06/24/13 20:22	1
Total Organic Carbon	1720	J	1940	348	mg/Kg	☼		06/27/13 13:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.10		0.100	0.100	SU			06/19/13 15:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2	J	64.5	6.78	mg/Kg	☼		07/02/13 23:03	5
Nitrate as N	<3.59		32.3	3.59	mg/Kg	☼		07/02/13 23:03	5
Sulfate	165	B	64.5	55.8	mg/Kg	☼		07/02/13 23:03	5
Bromide	<3.98		64.5	3.98	mg/Kg	☼		07/02/13 23:03	5
Fluoride	2.77		1.29	0.258	mg/Kg	☼		06/24/13 11:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	1790		161	161	mg/Kg	☼		06/21/13 15:00	1
Bicarbonate Alkalinity as CaCO3	1370		161	161	mg/Kg	☼		06/21/13 15:00	1
Carbonate Alkalinity as CaCO3	413		161	161	mg/Kg	☼		06/21/13 15:00	1

Client Sample ID: HSM 370

Lab Sample ID: 560-40622-3

Date Collected: 06/13/13 10:15
Matrix: Solid
Date Received: 06/14/13 08:30
Percent Solids: 70.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	73.2		64.6	9.30	ug/Kg	☼		06/15/13 14:01	1
Acetonitrile	<47.8		64.6	47.8	ug/Kg	☼		06/15/13 14:01	1
Benzene	<0.297		6.46	0.297	ug/Kg	☼		06/15/13 14:01	1
Benzyl chloride	<0.646		6.46	0.646	ug/Kg	☼		06/15/13 14:01	1
Bromobenzene	<0.956		6.46	0.956	ug/Kg	☼		06/15/13 14:01	1
Bromochloromethane	<1.16		6.46	1.16	ug/Kg	☼		06/15/13 14:01	1
Bromoform	<0.659		6.46	0.659	ug/Kg	☼		06/15/13 14:01	1
Bromomethane	<1.42		6.46	1.42	ug/Kg	☼		06/15/13 14:01	1
1,3-Butadiene	<0.310		6.46	0.310	ug/Kg	☼		06/15/13 14:01	1
2-Butanone (MEK)	<2.45		12.9	2.45	ug/Kg	☼		06/15/13 14:01	1
Carbon disulfide	<1.29		6.46	1.29	ug/Kg	☼		06/15/13 14:01	1
Carbon tetrachloride	<0.659		6.46	0.659	ug/Kg	☼		06/15/13 14:01	1
Chlorobenzene	<0.297		6.46	0.297	ug/Kg	☼		06/15/13 14:01	1
2-Chloro-1,3-butadiene	<0.891		6.46	0.891	ug/Kg	☼		06/15/13 14:01	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 370
Date Collected: 06/13/13 10:15
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-3
Matrix: Solid
Percent Solids: 70.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<0.827		6.46	0.827	ug/Kg	☼		06/15/13 14:01	1
Chloroethane	<0.336		6.46	0.336	ug/Kg	☼		06/15/13 14:01	1
Chloroform	<1.12		6.46	1.12	ug/Kg	☼		06/15/13 14:01	1
1-Chlorohexane	<0.711		6.46	0.711	ug/Kg	☼		06/15/13 14:01	1
Chloromethane	<1.55		6.46	1.55	ug/Kg	☼		06/15/13 14:01	1
3-Chloro-1-propene	<1.27		6.46	1.27	ug/Kg	☼		06/15/13 14:01	1
2-Chlorotoluene	<0.284		6.46	0.284	ug/Kg	☼		06/15/13 14:01	1
4-Chlorotoluene	<0.891		6.46	0.891	ug/Kg	☼		06/15/13 14:01	1
cis-1,4-Dichloro-2-butene	<0.413		6.46	0.413	ug/Kg	☼		06/15/13 14:01	1
cis-1,2-Dichloroethene	<0.736		6.46	0.736	ug/Kg	☼		06/15/13 14:01	1
cis-1,3-Dichloropropene	<0.182		6.46	0.182	ug/Kg	☼		06/15/13 14:01	1
Cyclohexane	<1.28		12.9	1.28	ug/Kg	☼		06/15/13 14:01	1
Cyclohexanone	<12.9		129	12.9	ug/Kg	☼		06/15/13 14:01	1
1,2-Dibromo-3-Chloropropane	<0.426		6.46	0.426	ug/Kg	☼		06/15/13 14:01	1
Dibromomethane	<0.917		6.46	0.917	ug/Kg	☼		06/15/13 14:01	1
1,2-Dichlorobenzene	<0.323		6.46	0.323	ug/Kg	☼		06/15/13 14:01	1
1,3-Dichlorobenzene	<0.400		6.46	0.400	ug/Kg	☼		06/15/13 14:01	1
1,4-Dichlorobenzene	<0.413		6.46	0.413	ug/Kg	☼		06/15/13 14:01	1
Dichlorobromomethane	<0.245		6.46	0.245	ug/Kg	☼		06/15/13 14:01	1
Dichlorodifluoromethane	<0.943		6.46	0.943	ug/Kg	☼		06/15/13 14:01	1
1,1-Dichloroethane	<0.762		6.46	0.762	ug/Kg	☼		06/15/13 14:01	1
1,2-Dichloroethane	<0.672		6.46	0.672	ug/Kg	☼		06/15/13 14:01	1
1,1-Dichloroethene	<0.245		6.46	0.245	ug/Kg	☼		06/15/13 14:01	1
1,2-Dichloroethene, Total	<0.646		6.46	0.646	ug/Kg	☼		06/15/13 14:01	1
1,2-Dichloropropane	<0.194		6.46	0.194	ug/Kg	☼		06/15/13 14:01	1
1,3-Dichloropropane	<0.310		6.46	0.310	ug/Kg	☼		06/15/13 14:01	1
2,2-Dichloropropane	<1.09		6.46	1.09	ug/Kg	☼		06/15/13 14:01	1
1,1-Dichloropropene	<0.672		6.46	0.672	ug/Kg	☼		06/15/13 14:01	1
1,4-Dioxane	<24.5		129	24.5	ug/Kg	☼		06/15/13 14:01	1
EDB	<0.220		6.46	0.220	ug/Kg	☼		06/15/13 14:01	1
Ethyl acetate	<3.63		6.46	3.63	ug/Kg	☼		06/15/13 14:01	1
Ethylbenzene	<0.581		6.46	0.581	ug/Kg	☼		06/15/13 14:01	1
Ethylene oxide	<20.7		51.7	20.7	ug/Kg	☼		06/15/13 14:01	1
Ethyl ether	<0.220		6.46	0.220	ug/Kg	☼		06/15/13 14:01	1
Ethyl methacrylate	<0.659		6.46	0.659	ug/Kg	☼		06/15/13 14:01	1
Hexachlorobutadiene	<0.827		6.46	0.827	ug/Kg	☼		06/15/13 14:01	1
Hexane	<1.68		6.46	1.68	ug/Kg	☼		06/15/13 14:01	1
2-Hexanone	<1.94		12.9	1.94	ug/Kg	☼		06/15/13 14:01	1
Iodomethane	<1.03		6.46	1.03	ug/Kg	☼		06/15/13 14:01	1
Isobutyl alcohol	<87.9		129	87.9	ug/Kg	☼		06/15/13 14:01	1
Isooctane	<0.207		6.46	0.207	ug/Kg	☼		06/15/13 14:01	1
Isopropylbenzene	<0.181		6.46	0.181	ug/Kg	☼		06/15/13 14:01	1
4-Isopropyltoluene	<0.510		6.46	0.510	ug/Kg	☼		06/15/13 14:01	1
Methacrylonitrile	<3.10		64.6	3.10	ug/Kg	☼		06/15/13 14:01	1
Methylene Chloride	<6.46		32.3	6.46	ug/Kg	☼		06/15/13 14:01	1
Methyl methacrylate	<1.42		6.46	1.42	ug/Kg	☼		06/15/13 14:01	1
4-Methyl-2-pentanone (MIBK)	<1.94		12.9	1.94	ug/Kg	☼		06/15/13 14:01	1
Methyl tert-butyl ether	<0.788		6.46	0.788	ug/Kg	☼		06/15/13 14:01	1
m-Xylene & p-Xylene	<0.646		12.9	0.646	ug/Kg	☼		06/15/13 14:01	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 370
Date Collected: 06/13/13 10:15
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-3
Matrix: Solid
Percent Solids: 70.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.55		12.9	1.55	ug/Kg	☼		06/15/13 14:01	1
n-Butylbenzene	<0.349		6.46	0.349	ug/Kg	☼		06/15/13 14:01	1
n-Heptane	<0.685		6.46	0.685	ug/Kg	☼		06/15/13 14:01	1
2-Nitropropane	<0.672		6.46	0.672	ug/Kg	☼		06/15/13 14:01	1
N-Propylbenzene	<0.271		6.46	0.271	ug/Kg	☼		06/15/13 14:01	1
1-Octene	<0.646		6.46	0.646	ug/Kg	☼		06/15/13 14:01	1
o-Xylene	<0.284		6.46	0.284	ug/Kg	☼		06/15/13 14:01	1
Pentachloroethane	<1.81		6.46	1.81	ug/Kg	☼		06/15/13 14:01	1
Propionitrile	<6.33		64.6	6.33	ug/Kg	☼		06/15/13 14:01	1
sec-Butylbenzene	<0.258		6.46	0.258	ug/Kg	☼		06/15/13 14:01	1
Styrene	<0.258		6.46	0.258	ug/Kg	☼		06/15/13 14:01	1
tert-Butylbenzene	<0.323		6.46	0.323	ug/Kg	☼		06/15/13 14:01	1
1,1,1,2-Tetrachloroethane	<0.349		6.46	0.349	ug/Kg	☼		06/15/13 14:01	1
1,1,2,2-Tetrachloroethane	<0.491		6.46	0.491	ug/Kg	☼		06/15/13 14:01	1
Tetrachloroethene	<0.956		6.46	0.956	ug/Kg	☼		06/15/13 14:01	1
Toluene	<1.16		6.46	1.16	ug/Kg	☼		06/15/13 14:01	1
trans-1,4-Dichloro-2-butene	<1.14		6.46	1.14	ug/Kg	☼		06/15/13 14:01	1
trans-1,2-Dichloroethene	<0.646		6.46	0.646	ug/Kg	☼		06/15/13 14:01	1
trans-1,3-Dichloropropene	<0.672		6.46	0.672	ug/Kg	☼		06/15/13 14:01	1
1,2,3-Trichlorobenzene	<0.568		6.46	0.568	ug/Kg	☼		06/15/13 14:01	1
1,2,4-Trichlorobenzene	<1.25		6.46	1.25	ug/Kg	☼		06/15/13 14:01	1
1,3,5-Trichlorobenzene	<0.400		6.46	0.400	ug/Kg	☼		06/15/13 14:01	1
1,1,1-Trichloroethane	<0.904		6.46	0.904	ug/Kg	☼		06/15/13 14:01	1
1,1,2-Trichloroethane	<0.646		6.46	0.646	ug/Kg	☼		06/15/13 14:01	1
Trichloroethene	<0.362		6.46	0.362	ug/Kg	☼		06/15/13 14:01	1
Trichlorofluoromethane	<0.646		6.46	0.646	ug/Kg	☼		06/15/13 14:01	1
1,2,3-Trichloropropane	<0.982		6.46	0.982	ug/Kg	☼		06/15/13 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.866		6.46	0.866	ug/Kg	☼		06/15/13 14:01	1
1,2,4-Trimethylbenzene	<0.491		6.46	0.491	ug/Kg	☼		06/15/13 14:01	1
1,3,5-Trimethylbenzene	<0.452		6.46	0.452	ug/Kg	☼		06/15/13 14:01	1
Vinyl acetate	<1.42		6.46	1.42	ug/Kg	☼		06/15/13 14:01	1
Vinyl chloride	<0.775		6.46	0.775	ug/Kg	☼		06/15/13 14:01	1
Xylenes, Total	<0.646		19.4	0.646	ug/Kg	☼		06/15/13 14:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Propene, 2-methyl-	*22.7*	*T J N*	*ug/Kg*	☼	*1.22*	*115-11-7*		*06/15/13 14:01*	*1*
2-Methyl-7-phenylindole	*754*	*T J N*	*ug/Kg*	☼	*16.82*	*1140-8-5*		*06/15/13 14:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*61 - 136*		*06/15/13 14:01*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 136*		*06/15/13 14:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*65 - 152*		*06/15/13 14:01*	*1*
Toluene-d8 (Surr)	*93*		*65 - 139*		*06/15/13 14:01*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Acenaphthylene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Anthracene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Benzo[a]anthracene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 370
Date Collected: 06/13/13 10:15
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-3
Matrix: Solid
Percent Solids: 70.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Benzo[b]fluoranthene	**28.8**	**J**	470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Benzo[g,h,i]perylene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Benzo[k]fluoranthene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Benzyl alcohol	<34.9		470	34.9	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Bis(2-chloroethoxy)methane	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Bis(2-chloroethyl)ether	<53.3		470	53.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Bis(2-ethylhexyl) phthalate	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
4-Bromophenyl phenyl ether	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Butyl benzyl phthalate	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
4-Chloroaniline	<66.4		470	66.4	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
4-Chloro-3-methylphenol	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2-Chloronaphthalene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2-Chlorophenol	<39.6		470	39.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
4-Chlorophenyl phenyl ether	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Chrysene	**27.6**	**J**	470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Dibenz(a,h)anthracene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Dibenzofuran	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
1,2-Dichlorobenzene	<74.3		470	74.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
1,3-Dichlorobenzene	<62.4		470	62.4	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
1,4-Dichlorobenzene	<65.3		470	65.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
3,3'-Dichlorobenzidine	<71.3		470	71.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2,4-Dichlorophenol	<32.5		470	32.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Diethyl phthalate	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2,4-Dimethylphenol	<29.1		470	29.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Dimethyl phthalate	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Di-n-butyl phthalate	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
4,6-Dinitro-2-methylphenol	<71.3		470	71.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2,4-Dinitrophenol	<143		470	143	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2,4-Dinitrotoluene	<30.1		470	30.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2,6-Dinitrotoluene	<71.3		470	71.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Di-n-octyl phthalate	<26.7		470	26.7	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Fluoranthene	**26.3**	**J**	470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Fluorene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Hexachlorobenzene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Hexachlorobutadiene	<63.7		470	63.7	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Hexachlorocyclopentadiene	<143		470	143	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Hexachloroethane	<71.4		470	71.4	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Indeno[1,2,3-cd]pyrene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Isophorone	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2-Methylnaphthalene	<44.3		470	44.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2-Methylphenol	<47.0		470	47.0	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
3 & 4 Methylphenol	<71.3		955	71.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Naphthalene	<59.4		470	59.4	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2-Nitroaniline	<31.6		470	31.6	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
3-Nitroaniline	<71.3		470	71.3	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
4-Nitroaniline	<40.1		470	40.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Nitrobenzene	<51.9		470	51.9	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2-Nitrophenol	<24.2		470	24.2	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: HSM 370
Date Collected: 06/13/13 10:15
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-3
Matrix: Solid
Percent Solids: 70.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<43.5		470	43.5	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
N-Nitrosodi-n-propylamine	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
N-Nitrosodiphenylamine	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Pentachlorophenol	<143		470	143	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Phenanthrene	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Phenol	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
Pyrene	**27.0**	**J**	470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
1,2,4-Trichlorobenzene	<65.1		470	65.1	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2,4,5-Trichlorophenol	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1
2,4,6-Trichlorophenol	<23.8		470	23.8	ug/Kg	☼	06/18/13 11:00	06/19/13 19:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*577*	*T J*	*ug/Kg*	☼	*15.88*		*06/18/13 11:00*	*06/19/13 19:33*	*1*
Unknown	*720*	*T J*	*ug/Kg*	☼	*16.18*		*06/18/13 11:00*	*06/19/13 19:33*	*1*
Methylbenzo(C)carbazole	*567*	*T J N*	*ug/Kg*	☼	*16.47*	*64859-54-7*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
Cyclohexadecane	*451*	*T J N*	*ug/Kg*	☼	*16.62*	*295-65-8*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
Citenamide	*1910*	*T J N*	*ug/Kg*	☼	*17.19*	*10423-37-7*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
1H-Cycloprop[e]azulene, 1a,2,3,5,6,7,7a,	*1240*	*T J N*	*ug/Kg*	☼	*20.22*	*21747-46-6*	*06/18/13 11:00*	*06/19/13 19:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*57 - 130*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
2-Fluorophenol	*73*		*48 - 130*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
Nitrobenzene-d5	*69*		*48 - 130*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
Phenol-d5	*75*		*56 - 130*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
Terphenyl-d14	*72*		*58 - 130*	*06/18/13 11:00*	*06/19/13 19:33*	*1*
2,4,6-Tribromophenol	*92*		*30 - 131*	*06/18/13 11:00*	*06/19/13 19:33*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.130		2.36	0.130	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
4,4'-DDD	<0.124		4.58	0.124	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
4,4'-DDE	**0.166**	**J p**	4.58	0.118	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
4,4'-DDT	<0.180		4.58	0.180	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Aldrin	<0.0666		2.36	0.0666	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
alpha-BHC	<0.389		2.36	0.389	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
alpha-Chlordane	<0.0791		2.36	0.0791	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
beta-BHC	<0.0986		2.36	0.0986	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Dieldrin	<0.0472		4.58	0.0472	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Endosulfan I	<0.0486		2.36	0.0486	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Endosulfan II	<0.118		4.58	0.118	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Endosulfan sulfate	<0.222		4.58	0.222	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Endrin	<0.125		4.58	0.125	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Endrin aldehyde	<0.167		4.58	0.167	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Endrin ketone	<0.167		4.58	0.167	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
gamma-BHC (Lindane)	<0.0541		2.36	0.0541	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
gamma-Chlordane	<0.117		2.36	0.117	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Heptachlor	<0.167		2.36	0.167	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Heptachlor epoxide	<0.0791		2.36	0.0791	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Methoxychlor	<0.114		23.6	0.114	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1

Client Sample ID: HSM 370
Date Collected: 06/13/13 10:15
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-3
Matrix: Solid
Percent Solids: 70.0

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<9.30		236	9.30	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1
Chlordane (technical)	<3.47		23.6	3.47	ug/Kg	☼	06/17/13 10:11	06/27/13 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*30 - 138*	*06/17/13 10:11*	*06/27/13 16:49*	*1*
Tetrachloro-m-xylene	*52*		*30 - 130*	*06/17/13 10:11*	*06/27/13 16:49*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1221	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1232	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1242	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1248	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1254	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1260	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1262	<0.00727		0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1
Aroclor 1268	**0.00888**	**J**	0.0470	0.00727	mg/Kg	☼	06/24/13 15:33	06/26/13 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*57 - 138*	*06/24/13 15:33*	*06/26/13 17:57*	*1*
Tetrachloro-m-xylene	*96*		*32 - 132*	*06/24/13 15:33*	*06/26/13 17:57*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<20.8		91.6	20.8	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Bolstar	<6.52		45.8	6.52	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Chlorpyrifos	<9.44		45.8	9.44	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Coumaphos	<30.5		458	30.5	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Demeton-O	<3.61		115	3.61	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Demeton-S	<7.77		115	7.77	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Diazinon	<7.91		45.8	7.91	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Dichlorvos	<8.88		91.6	8.88	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Dimethoate	<12.2		91.6	12.2	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Disulfoton	<22.2		91.6	22.2	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
EPN	<6.25		45.8	6.25	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Famphur	<11.5		91.6	11.5	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Fensulfothion	<16.7		458	16.7	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Fenthion	<6.52		45.8	6.52	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Malathion	<11.4		45.8	11.4	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Merphos	<15.3		45.8	15.3	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Methyl parathion	<7.50		23.6	7.50	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Mevinphos	<6.39		91.6	6.39	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Ethoprop	<5.83		23.6	5.83	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Monochrotophos	<63.9		458	63.9	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Naled	<30.5		458	30.5	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Ethyl Parathion	<7.63		45.8	7.63	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Phorate	<7.50		45.8	7.50	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Ronnel	<5.83		45.8	5.83	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Stirophos	<8.88		45.8	8.88	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1

Client Sample ID: HSM 370
Date Collected: 06/13/13 10:15
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-3
Matrix: Solid
Percent Solids: 70.0

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	<11.9		23.6	11.9	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Thionazin	<13.9		45.8	13.9	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Tokuthion	<7.50		45.8	7.50	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1
Trichloronate	<10.6		458	10.6	ug/Kg	☼	06/17/13 10:11	06/27/13 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*89*		*35 - 134*	*06/17/13 10:11*	*06/27/13 00:43*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<7.06		11.7	7.06	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
Dalapon	<4.10		466	4.10	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
2,4-DB	<4.24		11.7	4.24	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
Dicamba	<2.68		11.7	2.68	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
Dichlorprop	<1.55		11.7	1.55	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
Dinoseb	<6.50		141	6.50	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
MCPA	<268		2820	268	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
Mecoprop	<240		2820	240	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
Pentachlorophenol	<0.593		11.7	0.593	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
Silvex (2,4,5-TP)	<2.26		11.7	2.26	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1
2,4,5-T	<3.25		11.7	3.25	ug/Kg	☼	06/19/13 08:50	06/25/13 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*64*	*p*	*35 - 137*	*06/19/13 08:50*	*06/25/13 13:29*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**824**		14.8	4.66	mg/Kg	☼	06/26/13 09:20	06/28/13 21:54	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6340**		1.85	0.886	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Calcium	**260000**		369	204	mg/Kg	☼	06/26/13 09:20	06/27/13 17:02	20
Antimony	<0.0709		0.185	0.0709	mg/Kg	☼	06/26/13 09:20	06/27/13 15:40	1
Potassium	**962**		36.9	18.1	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Arsenic	**8.24**		0.185	0.0368	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Magnesium	**2320**		18.5	4.04	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Barium	**86.2**		0.185	0.0804	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Sodium	**159**		36.9	20.7	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Beryllium	**0.662**		0.185	0.0647	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Strontium	**178**		0.185	0.0451	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Cadmium	**0.295**		0.185	0.0532	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Chromium	**11.1**		0.185	0.0827	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Copper	**7.38**		0.369	0.131	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Iron	**9340**		18.5	4.08	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Lead	**14.1**		0.369	0.151	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Manganese	**374**		1.85	0.445	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Nickel	**9.90**		0.185	0.0982	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Selenium	**1.14**		0.185	0.0321	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Silver	**0.0863**	**J**	0.185	0.0506	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1
Thallium	**0.124**	**J**	0.185	0.0509	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1

Client Sample ID: HSM 370

Date Collected: 06/13/13 10:15
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-3

Matrix: Solid
Percent Solids: 70.0

Method: 6020 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	24.5		0.923	0.567	mg/Kg	☼	06/26/13 09:20	06/26/13 18:37	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0400	J	0.105	0.00944	mg/Kg	☼	06/28/13 15:00	06/28/13 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	1420		257	141	mg/Kg	☼	06/21/13 16:30	06/24/13 20:48	10
Total Organic Carbon	16700		2140	386	mg/Kg	☼		06/27/13 13:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.62		0.100	0.100	SU			06/19/13 15:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.95	J	28.6	3.00	mg/Kg	☼		07/03/13 00:09	2
Nitrate as N	7.20	J	14.3	1.59	mg/Kg	☼		07/03/13 00:09	2
Sulfate	295	B	28.6	24.7	mg/Kg	☼		07/03/13 00:09	2
Bromide	<1.76		28.6	1.76	mg/Kg	☼		07/03/13 00:09	2
Fluoride	1.15	J	1.43	0.286	mg/Kg	☼		06/24/13 11:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	1190		179	179	mg/Kg	☼		06/21/13 15:00	1
Bicarbonate Alkalinity as CaCO3	1020		179	179	mg/Kg	☼		06/21/13 15:00	1
Carbonate Alkalinity as CaCO3	<179		179	179	mg/Kg	☼		06/21/13 15:00	1

Client Sample ID: Trip Blank

Date Collected: 06/13/13 00:00
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.209		1.00	0.209	ug/L			06/21/13 18:59	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			06/21/13 18:59	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			06/21/13 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			06/21/13 18:59	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			06/21/13 18:59	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			06/21/13 18:59	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			06/21/13 18:59	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			06/21/13 18:59	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			06/21/13 18:59	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			06/21/13 18:59	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			06/21/13 18:59	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/21/13 18:59	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			06/21/13 18:59	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			06/21/13 18:59	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			06/21/13 18:59	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			06/21/13 18:59	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			06/21/13 18:59	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			06/21/13 18:59	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/21/13 18:59	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: Trip Blank
Date Collected: 06/13/13 00:00
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	<0.300		1.00	0.300	ug/L			06/21/13 18:59	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			06/21/13 18:59	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			06/21/13 18:59	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
1,4-Dioxane	<7.46		100	7.46	ug/L			06/21/13 18:59	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			06/21/13 18:59	1
1-Octene	<0.440		5.00	0.440	ug/L			06/21/13 18:59	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			06/21/13 18:59	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			06/21/13 18:59	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			06/21/13 18:59	1
2-Hexanone	<0.200		5.00	0.200	ug/L			06/21/13 18:59	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			06/21/13 18:59	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			06/21/13 18:59	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			06/21/13 18:59	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			06/21/13 18:59	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			06/21/13 18:59	1
Acetone	<5.00		10.0	5.00	ug/L			06/21/13 18:59	1
Acetonitrile	<10.0		50.0	10.0	ug/L			06/21/13 18:59	1
Benzene	<0.140		1.00	0.140	ug/L			06/21/13 18:59	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			06/21/13 18:59	1
Bromobenzene	<0.128		1.00	0.128	ug/L			06/21/13 18:59	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			06/21/13 18:59	1
Bromoform	<0.500		5.00	0.500	ug/L			06/21/13 18:59	1
Bromomethane	<0.392		5.00	0.392	ug/L			06/21/13 18:59	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			06/21/13 18:59	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			06/21/13 18:59	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			06/21/13 18:59	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			06/21/13 18:59	1
Chloroethane	<0.400		5.00	0.400	ug/L			06/21/13 18:59	1
Chloroform	<0.173		1.00	0.173	ug/L			06/21/13 18:59	1
Chloromethane	<0.390		5.00	0.390	ug/L			06/21/13 18:59	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			06/21/13 18:59	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			06/21/13 18:59	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/21/13 18:59	1
Cyclohexane	<1.00		2.00	1.00	ug/L			06/21/13 18:59	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			06/21/13 18:59	1
Dibromomethane	<0.165		1.00	0.165	ug/L			06/21/13 18:59	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			06/21/13 18:59	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			06/21/13 18:59	1
EDB	<0.150		1.00	0.150	ug/L			06/21/13 18:59	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			06/21/13 18:59	1
Ethyl ether	<0.135		1.00	0.135	ug/L			06/21/13 18:59	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			06/21/13 18:59	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			06/21/13 18:59	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			06/21/13 18:59	1
Hexane	<2.00		5.00	2.00	ug/L			06/21/13 18:59	1
Iodomethane	<0.223		2.00	0.223	ug/L			06/21/13 18:59	1

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Client Sample ID: Trip Blank
Date Collected: 06/13/13 00:00
Date Received: 06/14/13 08:30

Lab Sample ID: 560-40622-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			06/21/13 18:59	1
Isooctane	<0.500		5.00	0.500	ug/L			06/21/13 18:59	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			06/21/13 18:59	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			06/21/13 18:59	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			06/21/13 18:59	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			06/21/13 18:59	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			06/21/13 18:59	1
Naphthalene	<0.200		5.00	0.200	ug/L			06/21/13 18:59	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
n-Heptane	<0.300		5.00	0.300	ug/L			06/21/13 18:59	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			06/21/13 18:59	1
o-Xylene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			06/21/13 18:59	1
Propionitrile	<2.69		10.0	2.69	ug/L			06/21/13 18:59	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			06/21/13 18:59	1
Styrene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			06/21/13 18:59	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			06/21/13 18:59	1
Toluene	<0.300		1.00	0.300	ug/L			06/21/13 18:59	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			06/21/13 18:59	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/21/13 18:59	1
Trichloroethene	<0.317		1.00	0.317	ug/L			06/21/13 18:59	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			06/21/13 18:59	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			06/21/13 18:59	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			06/21/13 18:59	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			06/21/13 18:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/21/13 18:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*06/21/13 18:59*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*06/21/13 18:59*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*06/21/13 18:59*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/21/13 18:59*	*1*

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 560-89158/8
Matrix: Solid
Analysis Batch: 89158

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	<0.240		5.00	0.240	ug/Kg			06/15/13 10:05	1
1-Chlorohexane	<0.550		5.00	0.550	ug/Kg			06/15/13 10:05	1
1,2-Dibromo-3-Chloropropane	<0.330		5.00	0.330	ug/Kg			06/15/13 10:05	1
2-Butanone (MEK)	<1.90		10.0	1.90	ug/Kg			06/15/13 10:05	1
2-Chloro-1,3-butadiene	<0.690		5.00	0.690	ug/Kg			06/15/13 10:05	1
2-Chlorotoluene	<0.220		5.00	0.220	ug/Kg			06/15/13 10:05	1
1,2-Dichlorobenzene	<0.250		5.00	0.250	ug/Kg			06/15/13 10:05	1
1,3-Dichlorobenzene	<0.310		5.00	0.310	ug/Kg			06/15/13 10:05	1
1,4-Dichlorobenzene	<0.320		5.00	0.320	ug/Kg			06/15/13 10:05	1
3-Chloro-1-propene	<0.980		5.00	0.980	ug/Kg			06/15/13 10:05	1
4-Chlorotoluene	<0.690		5.00	0.690	ug/Kg			06/15/13 10:05	1
1,1-Dichloroethane	<0.590		5.00	0.590	ug/Kg			06/15/13 10:05	1
1,2-Dichloroethane	<0.520		5.00	0.520	ug/Kg			06/15/13 10:05	1
Acetone	<7.20		50.0	7.20	ug/Kg			06/15/13 10:05	1
1,1-Dichloroethene	<0.190		5.00	0.190	ug/Kg			06/15/13 10:05	1
Acetonitrile	<37.0		50.0	37.0	ug/Kg			06/15/13 10:05	1
1,2-Dichloroethene, Total	<0.500		5.00	0.500	ug/Kg			06/15/13 10:05	1
Benzene	<0.230		5.00	0.230	ug/Kg			06/15/13 10:05	1
1,2-Dichloropropane	<0.150		5.00	0.150	ug/Kg			06/15/13 10:05	1
Benzyl chloride	<0.500		5.00	0.500	ug/Kg			06/15/13 10:05	1
1,3-Dichloropropane	<0.240		5.00	0.240	ug/Kg			06/15/13 10:05	1
Bromobenzene	<0.740		5.00	0.740	ug/Kg			06/15/13 10:05	1
2,2-Dichloropropane	<0.840		5.00	0.840	ug/Kg			06/15/13 10:05	1
Bromochloromethane	<0.900		5.00	0.900	ug/Kg			06/15/13 10:05	1
1,1-Dichloropropene	<0.520		5.00	0.520	ug/Kg			06/15/13 10:05	1
Bromoform	<0.510		5.00	0.510	ug/Kg			06/15/13 10:05	1
1,4-Dioxane	<19.0		100	19.0	ug/Kg			06/15/13 10:05	1
Bromomethane	<1.10		5.00	1.10	ug/Kg			06/15/13 10:05	1
Carbon disulfide	<1.00		5.00	1.00	ug/Kg			06/15/13 10:05	1
Carbon tetrachloride	<0.510		5.00	0.510	ug/Kg			06/15/13 10:05	1
Chlorobenzene	<0.230		5.00	0.230	ug/Kg			06/15/13 10:05	1
Chlorodibromomethane	<0.640		5.00	0.640	ug/Kg			06/15/13 10:05	1
Chloroethane	<0.260		5.00	0.260	ug/Kg			06/15/13 10:05	1
Chloroform	<0.870		5.00	0.870	ug/Kg			06/15/13 10:05	1
Chloromethane	<1.20		5.00	1.20	ug/Kg			06/15/13 10:05	1
cis-1,2-Dichloroethene	<0.570		5.00	0.570	ug/Kg			06/15/13 10:05	1
2-Hexanone	<1.50		10.0	1.50	ug/Kg			06/15/13 10:05	1
cis-1,3-Dichloropropene	<0.141		5.00	0.141	ug/Kg			06/15/13 10:05	1
cis-1,4-Dichloro-2-butene	<0.320		5.00	0.320	ug/Kg			06/15/13 10:05	1
Cyclohexane	<0.990		10.0	0.990	ug/Kg			06/15/13 10:05	1
Cyclohexanone	<10.0		100	10.0	ug/Kg			06/15/13 10:05	1
4-Isopropyltoluene	<0.395		5.00	0.395	ug/Kg			06/15/13 10:05	1
Dibromomethane	<0.710		5.00	0.710	ug/Kg			06/15/13 10:05	1
Dichlorobromomethane	<0.190		5.00	0.190	ug/Kg			06/15/13 10:05	1
Dichlorodifluoromethane	<0.730		5.00	0.730	ug/Kg			06/15/13 10:05	1
EDB	<0.170		5.00	0.170	ug/Kg			06/15/13 10:05	1
4-Methyl-2-pentanone (MIBK)	<1.50		10.0	1.50	ug/Kg			06/15/13 10:05	1
Ethyl acetate	<2.81		5.00	2.81	ug/Kg			06/15/13 10:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-89158/8
Matrix: Solid
Analysis Batch: 89158

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl ether	<0.170		5.00	0.170	ug/Kg			06/15/13 10:05	1
Ethyl methacrylate	<0.510		5.00	0.510	ug/Kg			06/15/13 10:05	1
Ethylbenzene	<0.450		5.00	0.450	ug/Kg			06/15/13 10:05	1
Ethylene oxide	<16.0		40.0	16.0	ug/Kg			06/15/13 10:05	1
Hexachlorobutadiene	<0.640		5.00	0.640	ug/Kg			06/15/13 10:05	1
2-Nitropropane	<0.520		5.00	0.520	ug/Kg			06/15/13 10:05	1
Hexane	<1.30		5.00	1.30	ug/Kg			06/15/13 10:05	1
Iodomethane	<0.800		5.00	0.800	ug/Kg			06/15/13 10:05	1
1-Octene	<0.500		5.00	0.500	ug/Kg			06/15/13 10:05	1
Isobutyl alcohol	<68.0		100	68.0	ug/Kg			06/15/13 10:05	1
Isooctane	<0.160		5.00	0.160	ug/Kg			06/15/13 10:05	1
Isopropylbenzene	<0.140		5.00	0.140	ug/Kg			06/15/13 10:05	1
Methacrylonitrile	<2.40		50.0	2.40	ug/Kg			06/15/13 10:05	1
Methyl methacrylate	<1.10		5.00	1.10	ug/Kg			06/15/13 10:05	1
Methyl tert-butyl ether	<0.610		5.00	0.610	ug/Kg			06/15/13 10:05	1
Methylene Chloride	<5.00		25.0	5.00	ug/Kg			06/15/13 10:05	1
m-Xylene & p-Xylene	<0.500		10.0	0.500	ug/Kg			06/15/13 10:05	1
1,1,1,2-Tetrachloroethane	<0.270		5.00	0.270	ug/Kg			06/15/13 10:05	1
Naphthalene	<1.20		10.0	1.20	ug/Kg			06/15/13 10:05	1
1,1,2,2-Tetrachloroethane	<0.380		5.00	0.380	ug/Kg			06/15/13 10:05	1
n-Butylbenzene	<0.270		5.00	0.270	ug/Kg			06/15/13 10:05	1
n-Heptane	<0.530		5.00	0.530	ug/Kg			06/15/13 10:05	1
N-Propylbenzene	<0.210		5.00	0.210	ug/Kg			06/15/13 10:05	1
o-Xylene	<0.220		5.00	0.220	ug/Kg			06/15/13 10:05	1
Pentachloroethane	<1.40		5.00	1.40	ug/Kg			06/15/13 10:05	1
Propionitrile	<4.90		50.0	4.90	ug/Kg			06/15/13 10:05	1
sec-Butylbenzene	<0.200		5.00	0.200	ug/Kg			06/15/13 10:05	1
1,2,3-Trichlorobenzene	<0.440		5.00	0.440	ug/Kg			06/15/13 10:05	1
Styrene	<0.200		5.00	0.200	ug/Kg			06/15/13 10:05	1
1,2,4-Trichlorobenzene	<0.970		5.00	0.970	ug/Kg			06/15/13 10:05	1
1,3,5-Trichlorobenzene	<0.310		5.00	0.310	ug/Kg			06/15/13 10:05	1
tert-Butylbenzene	<0.250		5.00	0.250	ug/Kg			06/15/13 10:05	1
1,1,1-Trichloroethane	<0.700		5.00	0.700	ug/Kg			06/15/13 10:05	1
Tetrachloroethene	<0.740		5.00	0.740	ug/Kg			06/15/13 10:05	1
1,1,2-Trichloroethane	<0.500		5.00	0.500	ug/Kg			06/15/13 10:05	1
Toluene	<0.900		5.00	0.900	ug/Kg			06/15/13 10:05	1
trans-1,2-Dichloroethene	<0.500		5.00	0.500	ug/Kg			06/15/13 10:05	1
1,2,3-Trichloropropane	<0.760		5.00	0.760	ug/Kg			06/15/13 10:05	1
trans-1,3-Dichloropropene	<0.520		5.00	0.520	ug/Kg			06/15/13 10:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.670		5.00	0.670	ug/Kg			06/15/13 10:05	1
trans-1,4-Dichloro-2-butene	<0.880		5.00	0.880	ug/Kg			06/15/13 10:05	1
1,2,4-Trimethylbenzene	<0.380		5.00	0.380	ug/Kg			06/15/13 10:05	1
Trichloroethene	<0.280		5.00	0.280	ug/Kg			06/15/13 10:05	1
1,3,5-Trimethylbenzene	<0.350		5.00	0.350	ug/Kg			06/15/13 10:05	1
Trichlorofluoromethane	<0.500		5.00	0.500	ug/Kg			06/15/13 10:05	1
Vinyl acetate	<1.10		5.00	1.10	ug/Kg			06/15/13 10:05	1
Vinyl chloride	<0.600		5.00	0.600	ug/Kg			06/15/13 10:05	1
Xylenes, Total	<0.500		15.0	0.500	ug/Kg			06/15/13 10:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-89158/8
Matrix: Solid
Analysis Batch: 89158

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					06/15/13 10:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		61 - 136		06/15/13 10:05	1
1,2-Dichloroethane-d4 (Surr)	106		65 - 152		06/15/13 10:05	1
Dibromofluoromethane (Surr)	97		50 - 136		06/15/13 10:05	1
Toluene-d8 (Surr)	94		65 - 139		06/15/13 10:05	1

Lab Sample ID: LCS 560-89158/3
Matrix: Solid
Analysis Batch: 89158

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Butadiene	50.0	38.70		ug/Kg		77	18 - 150
1-Chlorohexane	50.0	54.87		ug/Kg		110	62 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.31		ug/Kg		103	49 - 150
2-Butanone (MEK)	50.0	55.16		ug/Kg		110	43 - 149
2-Chloro-1,3-butadiene	50.1	50.03		ug/Kg		100	66 - 133
2-Chlorotoluene	50.0	54.04		ug/Kg		108	70 - 130
1,2-Dichlorobenzene	50.0	55.12		ug/Kg		110	70 - 130
1,3-Dichlorobenzene	50.0	55.04		ug/Kg		110	70 - 130
1,4-Dichlorobenzene	50.0	54.94		ug/Kg		110	70 - 130
3-Chloro-1-propene	50.0	47.64		ug/Kg		95	68 - 135
4-Chlorotoluene	50.0	54.53		ug/Kg		109	70 - 130
1,1-Dichloroethane	50.0	47.46		ug/Kg		95	70 - 130
1,2-Dichloroethane	50.0	50.83		ug/Kg		102	70 - 130
Acetone	50.0	54.84		ug/Kg		110	31 - 172
1,1-Dichloroethene	50.0	46.02		ug/Kg		92	66 - 130
Acetonitrile	500	441.7		ug/Kg		88	10 - 200
1,2-Dichloroethene, Total	100	94.80		ug/Kg		95	70 - 130
Benzene	50.0	48.77		ug/Kg		98	70 - 130
1,2-Dichloropropane	50.0	47.90		ug/Kg		96	70 - 130
Benzyl chloride	50.0	61.91		ug/Kg		124	59 - 145
1,3-Dichloropropane	50.0	51.50		ug/Kg		103	70 - 130
Bromobenzene	50.0	55.83		ug/Kg		112	70 - 130
2,2-Dichloropropane	50.0	47.33		ug/Kg		95	66 - 135
Bromochloromethane	50.0	47.10		ug/Kg		94	70 - 130
1,1-Dichloropropene	50.0	50.14		ug/Kg		100	70 - 130
Bromoform	50.0	51.55		ug/Kg		103	55 - 141
1,4-Dioxane	1000	949.5		ug/Kg		95	24 - 172
Bromomethane	50.0	45.63		ug/Kg		91	35 - 148
Carbon disulfide	50.0	46.19		ug/Kg		92	69 - 154
Carbon tetrachloride	50.0	50.61		ug/Kg		101	70 - 130
Chlorobenzene	50.0	51.03		ug/Kg		102	70 - 130
Chlorodibromomethane	50.0	51.28		ug/Kg		103	70 - 137
Chloroethane	50.0	44.14		ug/Kg		88	42 - 147
Chloroform	50.0	49.92		ug/Kg		100	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-89158/3
Matrix: Solid
Analysis Batch: 89158

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	41.08		ug/Kg		82	46 - 140
cis-1,2-Dichloroethene	50.0	47.40		ug/Kg		95	69 - 130
2-Hexanone	50.0	51.99		ug/Kg		104	37 - 170
cis-1,3-Dichloropropene	50.0	50.87		ug/Kg		102	64 - 135
cis-1,4-Dichloro-2-butene	50.0	58.67		ug/Kg		117	52 - 154
Cyclohexane	100	96.16		ug/Kg		96	54 - 130
Cyclohexanone	250	286.2		ug/Kg		114	10 - 200
4-Isopropyltoluene	50.0	54.44		ug/Kg		109	70 - 130
Dibromomethane	50.0	50.35		ug/Kg		101	70 - 130
Dichlorobromomethane	50.0	50.78		ug/Kg		102	70 - 130
Dichlorodifluoromethane	50.0	46.80		ug/Kg		94	16 - 154
EDB	50.0	53.65		ug/Kg		107	70 - 131
4-Methyl-2-pentanone (MIBK)	49.5	49.66		ug/Kg		100	42 - 159
Ethyl acetate	50.0	54.22		ug/Kg		108	46 - 164
Ethyl ether	50.0	48.55		ug/Kg		97	62 - 130
Ethyl methacrylate	50.0	55.34		ug/Kg		111	61 - 151
Ethylbenzene	50.0	53.63		ug/Kg		107	70 - 130
Ethylene oxide	200	152.4		ug/Kg		76	10 - 190
Hexachlorobutadiene	50.0	63.34		ug/Kg		127	56 - 140
2-Nitropropane	50.0	50.21		ug/Kg		100	32 - 158
Hexane	50.0	50.27		ug/Kg		100	61 - 144
Iodomethane	50.0	43.92		ug/Kg		88	70 - 147
1-Octene	50.0	52.13		ug/Kg		104	44 - 156
Isobutyl alcohol	1000	913.7		ug/Kg		91	26 - 169
Isooctane	50.0	46.30		ug/Kg		93	62 - 135
Isopropylbenzene	50.0	51.83		ug/Kg		104	70 - 130
Methacrylonitrile	500	486.9		ug/Kg		97	61 - 140
Methyl methacrylate	50.0	52.95		ug/Kg		106	56 - 139
Methyl tert-butyl ether	50.0	48.57		ug/Kg		97	55 - 144
Methylene Chloride	50.0	47.34		ug/Kg		95	65 - 135
m-Xylene & p-Xylene	100	106.8		ug/Kg		107	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.49		ug/Kg		103	70 - 130
Naphthalene	50.0	56.96		ug/Kg		114	58 - 151
1,1,2,2-Tetrachloroethane	50.0	52.92		ug/Kg		106	69 - 130
n-Butylbenzene	50.0	56.38		ug/Kg		113	70 - 135
n-Heptane	50.1	50.24		ug/Kg		100	46 - 147
N-Propylbenzene	50.0	56.04		ug/Kg		112	70 - 130
o-Xylene	50.0	52.67		ug/Kg		105	70 - 130
Pentachloroethane	50.0	59.18		ug/Kg		118	58 - 133
Propionitrile	500	484.5		ug/Kg		97	39 - 164
sec-Butylbenzene	50.0	56.32		ug/Kg		113	70 - 130
1,2,3-Trichlorobenzene	50.0	60.13		ug/Kg		120	58 - 146
Styrene	50.0	52.54		ug/Kg		105	67 - 137
1,2,4-Trichlorobenzene	50.0	54.61		ug/Kg		109	61 - 142
1,3,5-Trichlorobenzene	50.0	60.68		ug/Kg		121	65 - 136
tert-Butylbenzene	50.0	57.23		ug/Kg		114	70 - 130
1,1,1-Trichloroethane	50.0	50.92		ug/Kg		102	70 - 130
Tetrachloroethene	50.0	48.92		ug/Kg		98	66 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-89158/3
Matrix: Solid
Analysis Batch: 89158

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	51.86		ug/Kg		104	70 - 130
Toluene	50.0	50.50		ug/Kg		101	70 - 130
trans-1,2-Dichloroethene	50.0	47.40		ug/Kg		95	69 - 130
1,2,3-Trichloropropane	50.0	52.58		ug/Kg		105	70 - 142
trans-1,3-Dichloropropene	50.0	52.04		ug/Kg		104	62 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.22		ug/Kg		94	51 - 130
trans-1,4-Dichloro-2-butene	50.0	59.13		ug/Kg		118	50 - 142
1,2,4-Trimethylbenzene	50.0	57.45		ug/Kg		115	70 - 130
Trichloroethene	50.0	49.35		ug/Kg		99	70 - 135
1,3,5-Trimethylbenzene	50.0	57.41		ug/Kg		115	70 - 130
Trichlorofluoromethane	50.0	49.71		ug/Kg		99	61 - 130
Vinyl acetate	50.0	50.43		ug/Kg		101	56 - 175
Vinyl chloride	50.0	41.35		ug/Kg		83	50 - 140
Xylenes, Total	150	159.5		ug/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*61 - 136*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 152*
Dibromofluoromethane (Surr)	*97*		*50 - 136*
Toluene-d8 (Surr)	*95*		*65 - 139*

Lab Sample ID: MB 560-89403/8
Matrix: Water
Analysis Batch: 89403

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	<0.300		1.00	0.300	ug/L			06/21/13 11:28	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			06/21/13 11:28	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			06/21/13 11:28	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			06/21/13 11:28	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			06/21/13 11:28	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			06/21/13 11:28	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			06/21/13 11:28	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			06/21/13 11:28	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			06/21/13 11:28	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			06/21/13 11:28	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			06/21/13 11:28	1
Acetone	<5.00		10.0	5.00	ug/L			06/21/13 11:28	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			06/21/13 11:28	1
Acetonitrile	<10.0		50.0	10.0	ug/L			06/21/13 11:28	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			06/21/13 11:28	1
Benzene	<0.140		1.00	0.140	ug/L			06/21/13 11:28	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			06/21/13 11:28	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			06/21/13 11:28	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			06/21/13 11:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-89403/8
Matrix: Water
Analysis Batch: 89403

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<0.128		1.00	0.128	ug/L			06/21/13 11:28	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			06/21/13 11:28	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			06/21/13 11:28	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			06/21/13 11:28	1
Bromoform	<0.500		5.00	0.500	ug/L			06/21/13 11:28	1
1,4-Dioxane	<7.46		100	7.46	ug/L			06/21/13 11:28	1
Bromomethane	<0.392		5.00	0.392	ug/L			06/21/13 11:28	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			06/21/13 11:28	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			06/21/13 11:28	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			06/21/13 11:28	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			06/21/13 11:28	1
Chloroethane	<0.400		5.00	0.400	ug/L			06/21/13 11:28	1
Chloroform	<0.173		1.00	0.173	ug/L			06/21/13 11:28	1
Chloromethane	<0.390		5.00	0.390	ug/L			06/21/13 11:28	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			06/21/13 11:28	1
2-Hexanone	<0.200		5.00	0.200	ug/L			06/21/13 11:28	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			06/21/13 11:28	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/21/13 11:28	1
Cyclohexane	<1.00		2.00	1.00	ug/L			06/21/13 11:28	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			06/21/13 11:28	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			06/21/13 11:28	1
Dibromomethane	<0.165		1.00	0.165	ug/L			06/21/13 11:28	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			06/21/13 11:28	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			06/21/13 11:28	1
EDB	<0.150		1.00	0.150	ug/L			06/21/13 11:28	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			06/21/13 11:28	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			06/21/13 11:28	1
Ethyl ether	<0.135		1.00	0.135	ug/L			06/21/13 11:28	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			06/21/13 11:28	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			06/21/13 11:28	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			06/21/13 11:28	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			06/21/13 11:28	1
Hexane	<2.00		5.00	2.00	ug/L			06/21/13 11:28	1
Iodomethane	<0.223		2.00	0.223	ug/L			06/21/13 11:28	1
1-Octene	<0.440		5.00	0.440	ug/L			06/21/13 11:28	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			06/21/13 11:28	1
Isooctane	<0.500		5.00	0.500	ug/L			06/21/13 11:28	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			06/21/13 11:28	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			06/21/13 11:28	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			06/21/13 11:28	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			06/21/13 11:28	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			06/21/13 11:28	1
1,1,1,2-Tetrachloroethane	<0.209		1.00	0.209	ug/L			06/21/13 11:28	1
Naphthalene	<0.200		5.00	0.200	ug/L			06/21/13 11:28	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			06/21/13 11:28	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-89403/8
Matrix: Water
Analysis Batch: 89403

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Heptane	<0.300		5.00	0.300	ug/L			06/21/13 11:28	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			06/21/13 11:28	1
o-Xylene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			06/21/13 11:28	1
Propionitrile	<2.69		10.0	2.69	ug/L			06/21/13 11:28	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			06/21/13 11:28	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			06/21/13 11:28	1
Styrene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			06/21/13 11:28	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			06/21/13 11:28	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			06/21/13 11:28	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			06/21/13 11:28	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			06/21/13 11:28	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			06/21/13 11:28	1
Toluene	<0.300		1.00	0.300	ug/L			06/21/13 11:28	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			06/21/13 11:28	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			06/21/13 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			06/21/13 11:28	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/21/13 11:28	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/21/13 11:28	1
Trichloroethene	<0.317		1.00	0.317	ug/L			06/21/13 11:28	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/21/13 11:28	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			06/21/13 11:28	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			06/21/13 11:28	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			06/21/13 11:28	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			06/21/13 11:28	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/21/13 11:28*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*06/21/13 11:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*06/21/13 11:28*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*06/21/13 11:28*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*06/21/13 11:28*	*1*

Lab Sample ID: LCS 560-89403/3
Matrix: Water
Analysis Batch: 89403

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Butadiene	25.0	26.51		ug/L		106	31 - 132
1-Chlorohexane	25.0	24.21		ug/L		97	64 - 130
1,2-Dibromo-3-Chloropropane	25.0	30.14		ug/L		121	56 - 135
2-Butanone (MEK)	25.0	25.13		ug/L		101	50 - 158
2-Chloro-1,3-butadiene	25.0	22.70		ug/L		91	55 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-89403/3
Matrix: Water
Analysis Batch: 89403

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	25.0	25.99		ug/L		104	70 - 130
1,2-Dichlorobenzene	25.0	25.44		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	26.05		ug/L		104	70 - 130
1,4-Dichlorobenzene	25.0	25.94		ug/L		104	70 - 130
3-Chloro-1-propene	25.0	18.38		ug/L		74	70 - 139
4-Chlorotoluene	25.0	27.12		ug/L		108	70 - 130
1,1-Dichloroethane	25.0	23.25		ug/L		93	70 - 130
1,2-Dichloroethane	25.0	25.70		ug/L		103	68 - 130
Acetone	25.0	31.13		ug/L		125	34 - 197
1,1-Dichloroethene	25.0	22.99		ug/L		92	67 - 130
Acetonitrile	250	253.6		ug/L		101	10 - 200
1,2-Dichloroethene, Total	50.0	46.69		ug/L		93	70 - 130
Benzene	25.0	24.16		ug/L		97	70 - 130
1,2-Dichloropropane	25.0	24.38		ug/L		98	70 - 130
Benzyl chloride	25.0	24.85		ug/L		99	56 - 135
1,3-Dichloropropane	25.0	26.31		ug/L		105	70 - 130
Bromobenzene	25.0	26.33		ug/L		105	67 - 130
2,2-Dichloropropane	25.0	23.79		ug/L		95	63 - 141
Bromochloromethane	25.0	25.63		ug/L		103	70 - 130
1,1-Dichloropropene	25.0	23.20		ug/L		93	70 - 130
Bromoform	25.0	24.49		ug/L		98	53 - 135
1,4-Dioxane	500	496.4		ug/L		99	34 - 174
Bromomethane	25.0	24.96		ug/L		100	57 - 132
Carbon disulfide	25.0	27.23		ug/L		109	70 - 152
Carbon tetrachloride	25.0	26.93		ug/L		108	65 - 129
Chlorobenzene	25.0	26.29		ug/L		105	70 - 130
Chlorodibromomethane	25.0	27.21		ug/L		109	64 - 130
Chloroethane	25.0	22.11		ug/L		88	65 - 133
Chloroform	25.0	23.84		ug/L		95	70 - 130
Chloromethane	25.0	23.66		ug/L		95	54 - 156
cis-1,2-Dichloroethene	25.0	23.25		ug/L		93	70 - 130
2-Hexanone	25.0	27.87		ug/L		111	58 - 145
cis-1,3-Dichloropropene	25.0	26.67		ug/L		107	65 - 132
cis-1,4-Dichloro-2-butene	25.0	15.81		ug/L		63	25 - 156
Cyclohexane	50.0	47.27		ug/L		95	62 - 134
Cyclohexanone	125	200.3		ug/L		160	10 - 200
4-Isopropyltoluene	25.0	24.54		ug/L		98	69 - 130
Dibromomethane	25.0	26.22		ug/L		105	70 - 130
Dichlorobromomethane	25.0	24.33		ug/L		97	70 - 130
Dichlorodifluoromethane	25.0	30.93		ug/L		124	23 - 167
EDB	25.0	27.46		ug/L		110	70 - 130
4-Methyl-2-pentanone (MIBK)	24.8	24.50		ug/L		99	62 - 135
Ethyl acetate	25.0	22.52		ug/L		90	64 - 139
Ethyl ether	25.0	22.36		ug/L		89	70 - 130
Ethyl methacrylate	25.0	23.27		ug/L		93	66 - 130
Ethylbenzene	25.0	25.47		ug/L		102	70 - 130
Ethylene oxide	100	113.5		ug/L		113	12 - 185
Hexachlorobutadiene	25.0	22.74		ug/L		91	55 - 149

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-89403/3
Matrix: Water
Analysis Batch: 89403

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Nitropropane	25.0	27.19		ug/L		109	24 - 150
Hexane	25.0	27.42		ug/L		110	60 - 159
Iodomethane	25.0	28.77		ug/L		115	70 - 142
1-Octene	25.0	28.91		ug/L		116	63 - 134
Isobutyl alcohol	500	428.1		ug/L		86	34 - 165
Isooctane	25.0	27.22		ug/L		109	66 - 150
Isopropylbenzene	25.0	24.42		ug/L		98	66 - 130
Methacrylonitrile	250	266.5		ug/L		107	70 - 130
Methyl methacrylate	25.0	22.38		ug/L		90	63 - 130
Methyl tert-butyl ether	25.0	26.14		ug/L		105	69 - 135
Methylene Chloride	25.0	24.03		ug/L		96	70 - 130
m-Xylene & p-Xylene	50.0	51.01		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.06		ug/L		108	70 - 130
Naphthalene	25.0	23.96		ug/L		96	68 - 131
1,1,2,2-Tetrachloroethane	25.0	26.87		ug/L		107	70 - 130
n-Butylbenzene	25.0	23.37		ug/L		93	62 - 138
n-Heptane	25.0	26.72		ug/L		107	70 - 150
N-Propylbenzene	25.0	25.48		ug/L		102	51 - 158
o-Xylene	25.0	25.06		ug/L		100	70 - 130
Pentachloroethane	25.0	21.91		ug/L		88	60 - 145
Propionitrile	250	201.8		ug/L		81	50 - 158
sec-Butylbenzene	25.0	24.84		ug/L		99	66 - 130
1,2,3-Trichlorobenzene	25.0	26.86		ug/L		107	59 - 135
Styrene	25.0	23.40		ug/L		94	64 - 130
1,2,4-Trichlorobenzene	25.0	24.23		ug/L		97	62 - 135
1,3,5-Trichlorobenzene	25.0	20.27		ug/L		81	62 - 137
tert-Butylbenzene	25.0	24.68		ug/L		99	66 - 130
1,1,1-Trichloroethane	25.0	24.65		ug/L		99	70 - 130
Tetrachloroethene	25.0	25.51		ug/L		102	60 - 130
1,1,2-Trichloroethane	25.0	27.89		ug/L		112	70 - 130
Toluene	25.0	24.33		ug/L		97	70 - 130
trans-1,2-Dichloroethene	25.0	23.44		ug/L		94	70 - 130
1,2,3-Trichloropropane	25.0	28.88		ug/L		116	68 - 132
trans-1,3-Dichloropropene	25.0	25.98		ug/L		104	56 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.62		ug/L		110	51 - 130
trans-1,4-Dichloro-2-butene	25.0	17.11		ug/L		68	31 - 142
1,2,4-Trimethylbenzene	25.0	24.23		ug/L		97	70 - 130
Trichloroethene	25.0	26.37		ug/L		105	70 - 130
1,3,5-Trimethylbenzene	25.0	25.95		ug/L		104	69 - 130
Trichlorofluoromethane	25.0	24.25		ug/L		97	60 - 133
Vinyl acetate	25.0	26.93		ug/L		108	70 - 159
Vinyl chloride	25.0	23.48		ug/L		94	59 - 139
Xylenes, Total	75.0	76.07		ug/L		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-89403/3
Matrix: Water
Analysis Batch: 89403

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 560-89256/1-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89256

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Acenaphthylene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Anthracene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Benzo[a]anthracene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Benzo[a]pyrene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Benzo[b]fluoranthene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Benzo[g,h,i]perylene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Benzo[k]fluoranthene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Benzyl alcohol	<24.5		330	24.5	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Bis(2-chloroethoxy)methane	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Bis(2-chloroethyl)ether	<37.4		330	37.4	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Bis(2-ethylhexyl) phthalate	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
4-Bromophenyl phenyl ether	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Butyl benzyl phthalate	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
4-Chloroaniline	<46.6		330	46.6	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
4-Chloro-3-methylphenol	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2-Chloronaphthalene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2-Chlorophenol	<27.8		330	27.8	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
4-Chlorophenyl phenyl ether	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Chrysene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Dibenz(a,h)anthracene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Dibenzofuran	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
1,2-Dichlorobenzene	<52.1		330	52.1	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
1,3-Dichlorobenzene	<43.8		330	43.8	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
1,4-Dichlorobenzene	<45.8		330	45.8	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
3,3'-Dichlorobenzidine	<50.0		330	50.0	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2,4-Dichlorophenol	<22.8		330	22.8	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Diethyl phthalate	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2,4-Dimethylphenol	<20.4		330	20.4	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Dimethyl phthalate	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Di-n-butyl phthalate	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
4,6-Dinitro-2-methylphenol	<50.0		330	50.0	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2,4-Dinitrophenol	<99.9		330	99.9	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2,4-Dinitrotoluene	<21.1		330	21.1	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2,6-Dinitrotoluene	<50.0		330	50.0	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Di-n-octyl phthalate	<18.7		330	18.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Fluoranthene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Fluorene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 560-89256/1-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89256

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Hexachlorobutadiene	<44.7		330	44.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Hexachlorocyclopentadiene	<99.9		330	99.9	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Hexachloroethane	<50.1		330	50.1	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Indeno[1,2,3-cd]pyrene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Isophorone	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2-Methylnaphthalene	<31.1		330	31.1	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2-Methylphenol	<33.0		330	33.0	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
3 & 4 Methylphenol	<50.0		670	50.0	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Naphthalene	<41.7		330	41.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2-Nitroaniline	<22.2		330	22.2	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
3-Nitroaniline	<50.0		330	50.0	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
4-Nitroaniline	<28.1		330	28.1	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Nitrobenzene	<36.4		330	36.4	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2-Nitrophenol	<17.0		330	17.0	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
4-Nitrophenol	<30.5		330	30.5	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
N-Nitrosodi-n-propylamine	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
N-Nitrosodiphenylamine	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Pentachlorophenol	<99.9		330	99.9	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Phenanthrene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Phenol	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
Pyrene	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
1,2,4-Trichlorobenzene	<45.7		330	45.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2,4,5-Trichlorophenol	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1
2,4,6-Trichlorophenol	<16.7		330	16.7	ug/Kg		06/18/13 11:00	06/19/13 10:54	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*06/18/13 11:00*	*06/19/13 10:54*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*57 - 130*	*06/18/13 11:00*	*06/19/13 10:54*	*1*
2-Fluorophenol	*89*		*48 - 130*	*06/18/13 11:00*	*06/19/13 10:54*	*1*
Nitrobenzene-d5	*82*		*48 - 130*	*06/18/13 11:00*	*06/19/13 10:54*	*1*
Phenol-d5	*88*		*56 - 130*	*06/18/13 11:00*	*06/19/13 10:54*	*1*
Terphenyl-d14	*72*		*58 - 130*	*06/18/13 11:00*	*06/19/13 10:54*	*1*
2,4,6-Tribromophenol	*89*		*30 - 131*	*06/18/13 11:00*	*06/19/13 10:54*	*1*

Lab Sample ID: LCS 560-89256/2-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89256

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3320	2945		ug/Kg		89	70 - 130
Acenaphthylene	3320	3001		ug/Kg		90	70 - 130
Anthracene	3320	3200		ug/Kg		96	70 - 130
Benzo[a]anthracene	3320	3283		ug/Kg		99	70 - 130
Benzo[a]pyrene	3320	3248		ug/Kg		98	70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-89256/2-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89256

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	3320	3643		ug/Kg		110	70 - 130
Benzo[g,h,i]perylene	3320	3240		ug/Kg		97	70 - 130
Benzo[k]fluoranthene	3320	3280		ug/Kg		99	70 - 130
Benzyl alcohol	3320	2634		ug/Kg		79	64 - 130
Bis(2-chloroethoxy)methane	3320	2759		ug/Kg		83	68 - 130
Bis(2-chloroethyl)ether	3320	2665		ug/Kg		80	61 - 130
Bis(2-ethylhexyl) phthalate	3320	3676		ug/Kg		111	70 - 130
4-Bromophenyl phenyl ether	3320	3176		ug/Kg		96	70 - 130
Butyl benzyl phthalate	3320	3379		ug/Kg		102	70 - 130
4-Chloroaniline	3320	1635		ug/Kg		49	34 - 130
4-Chloro-3-methylphenol	3320	3030		ug/Kg		91	70 - 130
2-Chloronaphthalene	3320	2901		ug/Kg		87	69 - 130
2-Chlorophenol	3320	2640		ug/Kg		79	64 - 130
4-Chlorophenyl phenyl ether	3320	3101		ug/Kg		93	70 - 130
Chrysene	3320	3359		ug/Kg		101	70 - 130
Dibenz(a,h)anthracene	3320	3339		ug/Kg		100	70 - 130
Dibenzofuran	3320	2691		ug/Kg		81	70 - 130
1,2-Dichlorobenzene	3320	2459		ug/Kg		74	59 - 130
1,3-Dichlorobenzene	3320	2446		ug/Kg		74	60 - 130
1,4-Dichlorobenzene	3320	2522		ug/Kg		76	62 - 130
3,3'-Dichlorobenzidine	4990	3684		ug/Kg		74	41 - 130
2,4-Dichlorophenol	3320	2797		ug/Kg		84	70 - 130
Diethyl phthalate	3320	3108		ug/Kg		94	70 - 130
2,4-Dimethylphenol	3320	3039		ug/Kg		91	70 - 130
Dimethyl phthalate	3320	3177		ug/Kg		96	70 - 130
Di-n-butyl phthalate	3320	3467		ug/Kg		104	70 - 130
4,6-Dinitro-2-methylphenol	3320	2252		ug/Kg		68	66 - 130
2,4-Dinitrophenol	3320	2044		ug/Kg		62	54 - 130
2,4-Dinitrotoluene	3320	3242		ug/Kg		98	70 - 130
2,6-Dinitrotoluene	3320	3119		ug/Kg		94	70 - 130
Di-n-octyl phthalate	3320	3424		ug/Kg		103	70 - 130
Fluoranthene	3320	3429		ug/Kg		103	70 - 130
Fluorene	3320	3128		ug/Kg		94	70 - 130
Hexachlorobenzene	3320	3195		ug/Kg		96	70 - 130
Hexachlorobutadiene	3320	2656		ug/Kg		80	65 - 130
Hexachlorocyclopentadiene	3320	2598		ug/Kg		78	43 - 130
Hexachloroethane	3320	2521		ug/Kg		76	59 - 130
Indeno[1,2,3-cd]pyrene	3320	3329		ug/Kg		100	70 - 130
Isophorone	3320	2630		ug/Kg		79	65 - 130
2-Methylnaphthalene	3320	2659		ug/Kg		80	70 - 130
2-Methylphenol	3320	2621		ug/Kg		79	66 - 130
3 & 4 Methylphenol	6650	5729		ug/Kg		86	63 - 130
Naphthalene	3320	2644		ug/Kg		80	70 - 130
2-Nitroaniline	3320	3509		ug/Kg		106	65 - 142
3-Nitroaniline	3320	2228		ug/Kg		67	44 - 130
4-Nitroaniline	3320	3150		ug/Kg		95	70 - 130
Nitrobenzene	3320	2750		ug/Kg		83	62 - 130
2-Nitrophenol	3320	2742		ug/Kg		83	69 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 560-89256/2-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89256

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitrophenol	3320	3256		ug/Kg		98	62 - 131
N-Nitrosodi-n-propylamine	3320	2695		ug/Kg		81	58 - 130
N-Nitrosodiphenylamine	3320	3799		ug/Kg		114	70 - 130
Pentachlorophenol	3320	3126		ug/Kg		94	51 - 130
Phenanthrene	3320	3238		ug/Kg		97	70 - 130
Phenol	3320	2747		ug/Kg		83	67 - 130
Pyrene	3320	3332		ug/Kg		100	70 - 130
1,2,4-Trichlorobenzene	3320	2615		ug/Kg		79	66 - 130
2,4,5-Trichlorophenol	3320	3292		ug/Kg		99	70 - 130
2,4,6-Trichlorophenol	3320	3131		ug/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*57 - 130*
2-Fluorophenol	*84*		*48 - 130*
Nitrobenzene-d5	*81*		*48 - 130*
Phenol-d5	*83*		*56 - 130*
Terphenyl-d14	*70*		*58 - 130*
2,4,6-Tribromophenol	*100*		*30 - 131*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 640-102470/1-A
Matrix: Solid
Analysis Batch: 102787

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102470

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0923		1.67	0.0923	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
4,4'-DDD	<0.0874		3.24	0.0874	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
4,4'-DDE	<0.0835		3.24	0.0835	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
4,4'-DDT	<0.128		3.24	0.128	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Aldrin	<0.0472		1.67	0.0472	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
alpha-BHC	<0.275		1.67	0.275	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
alpha-Chlordane	<0.0560		1.67	0.0560	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
beta-BHC	<0.0697		1.67	0.0697	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Dieldrin	<0.0334		3.24	0.0334	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Endosulfan I	<0.0344		1.67	0.0344	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Endosulfan II	<0.0835		3.24	0.0835	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Endosulfan sulfate	<0.157		3.24	0.157	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Endrin	<0.0884		3.24	0.0884	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Endrin aldehyde	<0.118		3.24	0.118	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Endrin ketone	<0.118		3.24	0.118	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
gamma-BHC (Lindane)	<0.0383		1.67	0.0383	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
gamma-Chlordane	<0.0825		1.67	0.0825	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Heptachlor	<0.118		1.67	0.118	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Heptachlor epoxide	<0.0560		1.67	0.0560	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Methoxychlor	<0.0806		16.7	0.0806	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Toxaphene	<6.58		167	6.58	ug/Kg		06/17/13 10:11	06/27/13 13:05	1
Chlordane (technical)	<2.46		16.7	2.46	ug/Kg		06/17/13 10:11	06/27/13 13:05	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 640-102470/1-A
Matrix: Solid
Analysis Batch: 102787

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102470

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		30 - 138	06/17/13 10:11	06/27/13 13:05	1
Tetrachloro-m-xylene	44		30 - 130	06/17/13 10:11	06/27/13 13:05	1

Lab Sample ID: LCS 640-102470/15-A
Matrix: Solid
Analysis Batch: 102787

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102470

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
delta-BHC	656	331.0		ug/Kg		50	43 - 130
4,4'-DDD	656	350.2		ug/Kg		53	45 - 130
4,4'-DDE	656	368.1		ug/Kg		56	48 - 130
4,4'-DDT	656	366.0		ug/Kg		56	37 - 116
Aldrin	656	308.8		ug/Kg		47	20 - 100
alpha-BHC	656	297.4		ug/Kg		45	32 - 130
alpha-Chlordane	656	358.3		ug/Kg		55	48 - 130
beta-BHC	656	326.6		ug/Kg		50	45 - 138
Dieldrin	656	386.0		ug/Kg		59	20 - 121
Endosulfan I	656	381.1		ug/Kg		58	42 - 130
Endosulfan II	656	368.5		ug/Kg		56	46 - 130
Endosulfan sulfate	656	438.3		ug/Kg		67	43 - 130
Endrin	656	324.7	J	ug/Kg		50	36 - 130
Endrin aldehyde	656	341.2		ug/Kg		52	34 - 130
Endrin ketone	656	470.8		ug/Kg		72	40 - 130
gamma-BHC (Lindane)	656	302.8		ug/Kg		46	20 - 100
gamma-Chlordane	656	356.9		ug/Kg		54	45 - 130
Heptachlor	656	353.8		ug/Kg		54	20 - 100
Heptachlor epoxide	656	365.7		ug/Kg		56	42 - 130
Methoxychlor	656	372.3	J	ug/Kg		57	25 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	57		30 - 138
Tetrachloro-m-xylene	47		30 - 130

Lab Sample ID: LCSD 640-102470/16-A
Matrix: Solid
Analysis Batch: 102787

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102470

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC	656	309.5		ug/Kg		47	43 - 130	7	50
4,4'-DDD	656	328.9		ug/Kg		50	45 - 130	6	50
4,4'-DDE	656	347.9		ug/Kg		53	48 - 130	6	50
4,4'-DDT	656	339.4		ug/Kg		52	37 - 116	8	50
Aldrin	656	281.8		ug/Kg		43	20 - 100	9	50
alpha-BHC	656	276.0		ug/Kg		42	32 - 130	7	50
alpha-Chlordane	656	346.7		ug/Kg		53	48 - 130	3	50
beta-BHC	656	297.7		ug/Kg		45	45 - 138	9	50
Dieldrin	656	382.8		ug/Kg		58	20 - 121	1	50
Endosulfan I	656	360.1		ug/Kg		55	42 - 130	6	50

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 640-102470/16-A
Matrix: Solid
Analysis Batch: 102787

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102470

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endosulfan II			656	335.9		ug/Kg		51	46 - 130	9	50
Endosulfan sulfate			656	406.3		ug/Kg		62	43 - 130	8	50
Endrin			656	316.0	J	ug/Kg		48	36 - 130	3	50
Endrin aldehyde			656	324.0	J	ug/Kg		49	34 - 130	5	50
Endrin ketone			656	407.9		ug/Kg		62	40 - 130	14	50
gamma-BHC (Lindane)			656	278.1		ug/Kg		42	20 - 100	9	50
gamma-Chlordane			656	339.3		ug/Kg		52	45 - 130	5	50
Heptachlor			656	308.8		ug/Kg		47	20 - 100	14	50
Heptachlor epoxide			656	358.7		ug/Kg		55	42 - 130	2	50
Methoxychlor			656	327.9	J	ug/Kg		50	25 - 130	13	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*65*		*30 - 138*
Tetrachloro-m-xylene	*51*		*30 - 130*

Lab Sample ID: MB 640-102773/1-A
Matrix: Solid
Analysis Batch: 102958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0920		1.66	0.0920	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
4,4'-DDD	<0.0871		3.23	0.0871	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
4,4'-DDE	<0.0832		3.23	0.0832	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
4,4'-DDT	<0.127		3.23	0.127	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Aldrin	<0.0470		1.66	0.0470	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
alpha-BHC	<0.274		1.66	0.274	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
alpha-Chlordane	<0.0558		1.66	0.0558	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
beta-BHC	<0.0695		1.66	0.0695	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Dieldrin	<0.0333		3.23	0.0333	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Endosulfan I	<0.0342		1.66	0.0342	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Endosulfan II	<0.0832		3.23	0.0832	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Endosulfan sulfate	<0.157		3.23	0.157	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Endrin	<0.0881		3.23	0.0881	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Endrin aldehyde	<0.117		3.23	0.117	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Endrin ketone	<0.117		3.23	0.117	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
gamma-BHC (Lindane)	<0.0382		1.66	0.0382	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
gamma-Chlordane	<0.0822		1.66	0.0822	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Heptachlor	<0.117		1.66	0.117	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Heptachlor epoxide	<0.0558		1.66	0.0558	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Methoxychlor	<0.0802		16.6	0.0802	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Toxaphene	<6.56		166	6.56	ug/Kg		06/28/13 08:57	07/05/13 15:41	1
Chlordane (technical)	<2.45		16.6	2.45	ug/Kg		06/28/13 08:57	07/05/13 15:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*30 - 138*	*06/28/13 08:57*	*07/05/13 15:41*	*1*
Tetrachloro-m-xylene	*76*		*30 - 130*	*06/28/13 08:57*	*07/05/13 15:41*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 640-102773/2-A
Matrix: Solid
Analysis Batch: 102958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102773

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
delta-BHC			6.46	4.226		ug/Kg		65	43 - 130		
4,4'-DDD			6.46	4.829		ug/Kg		75	45 - 130		
4,4'-DDE			6.46	5.167		ug/Kg		80	48 - 130		
4,4'-DDT			6.46	4.679		ug/Kg		72	37 - 116		
Aldrin			6.46	4.832		ug/Kg		75	20 - 100		
alpha-BHC			6.46	4.765		ug/Kg		74	32 - 130		
alpha-Chlordane			6.46	5.040		ug/Kg		78	48 - 130		
beta-BHC			6.46	5.069		ug/Kg		78	45 - 138		
Dieldrin			6.46	4.966		ug/Kg		77	20 - 121		
Endosulfan I			6.46	4.860		ug/Kg		75	42 - 130		
Endosulfan II			6.46	5.170		ug/Kg		80	46 - 130		
Endosulfan sulfate			6.46	5.558		ug/Kg		86	43 - 130		
Endrin			6.46	4.805		ug/Kg		74	36 - 130		
Endrin aldehyde			6.46	5.270		ug/Kg		82	34 - 130		
Endrin ketone			6.46	6.330		ug/Kg		98	40 - 130		
gamma-BHC (Lindane)			6.46	4.940		ug/Kg		76	20 - 100		
gamma-Chlordane			6.46	5.037		ug/Kg		78	45 - 130		
Heptachlor			6.46	4.942		ug/Kg		76	20 - 100		
Heptachlor epoxide			6.46	5.320		ug/Kg		82	42 - 130		
Methoxychlor			6.46	5.803	J	ug/Kg		90	25 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*30 - 138*
Tetrachloro-m-xylene	*81*		*30 - 130*

Lab Sample ID: LCSD 640-102773/3-A
Matrix: Solid
Analysis Batch: 102958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102773

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC			6.53	3.544		ug/Kg		54	43 - 130	18	50
4,4'-DDD			6.53	3.968		ug/Kg		61	45 - 130	20	50
4,4'-DDE			6.53	4.183		ug/Kg		64	48 - 130	21	50
4,4'-DDT			6.53	3.730		ug/Kg		57	37 - 116	23	50
Aldrin			6.53	3.999		ug/Kg		61	20 - 100	19	50
alpha-BHC			6.53	3.995		ug/Kg		61	32 - 130	18	50
alpha-Chlordane			6.53	4.296		ug/Kg		66	48 - 130	16	50
beta-BHC			6.53	4.241		ug/Kg		65	45 - 138	18	50
Dieldrin			6.53	4.048		ug/Kg		62	20 - 121	20	50
Endosulfan I			6.53	4.078		ug/Kg		62	42 - 130	17	50
Endosulfan II			6.53	4.271		ug/Kg		65	46 - 130	19	50
Endosulfan sulfate			6.53	4.444		ug/Kg		68	43 - 130	22	50
Endrin			6.53	4.060		ug/Kg		62	36 - 130	17	50
Endrin aldehyde			6.53	4.323		ug/Kg		66	34 - 130	20	50
Endrin ketone			6.53	5.383		ug/Kg		82	40 - 130	16	50
gamma-BHC (Lindane)			6.53	4.138		ug/Kg		63	20 - 100	18	50
gamma-Chlordane			6.53	4.164		ug/Kg		64	45 - 130	19	50
Heptachlor			6.53	4.033		ug/Kg		62	20 - 100	20	50

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 640-102773/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 102958 — **Prep Batch: 102773**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Heptachlor epoxide			6.53	4.442		ug/Kg		68	42 - 130	18	50
Methoxychlor			6.53	4.869	J	ug/Kg		75	25 - 130	18	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*30 - 138*
Tetrachloro-m-xylene	*81*		*30 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 560-89510/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89536 — **Prep Batch: 89510**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1221	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1232	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1242	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1248	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1254	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1260	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1262	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1
Aroclor 1268	<0.00509		0.0330	0.00509	mg/Kg		06/24/13 15:33	06/25/13 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*57 - 138*	*06/24/13 15:33*	*06/25/13 11:03*	*1*
Tetrachloro-m-xylene	*57*		*32 - 132*	*06/24/13 15:33*	*06/25/13 11:03*	*1*

Lab Sample ID: LCS 560-89510/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89536 — **Prep Batch: 89510**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016			0.333	0.3368		mg/Kg		101	40 - 130
Aroclor 1260			0.333	0.3044		mg/Kg		91	40 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*57 - 138*
Tetrachloro-m-xylene	*91*		*32 - 132*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Lab Sample ID: MB 640-102470/1-A
Matrix: Solid
Analysis Batch: 102717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102470

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<14.7		64.8	14.7	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Bolstar	<4.62		32.4	4.62	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Chlorpyrifos	<6.68		32.4	6.68	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Coumaphos	<21.6		324	21.6	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Demeton-O	<2.55		81.5	2.55	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Demeton-S	<5.50		81.5	5.50	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Diazinon	<5.60		32.4	5.60	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Dichlorvos	<6.29		64.8	6.29	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Dimethoate	<8.64		64.8	8.64	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Disulfoton	<15.7		64.8	15.7	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
EPN	<4.42		32.4	4.42	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Famphur	<8.15		64.8	8.15	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Fensulfothion	<11.8		324	11.8	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Fenthion	<4.62		32.4	4.62	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Malathion	<8.06		32.4	8.06	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Merphos	<10.8		32.4	10.8	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Methyl parathion	<5.30		16.7	5.30	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Mevinphos	<4.52		64.8	4.52	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Ethoprop	<4.13		16.7	4.13	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Monochrotophos	<45.2		324	45.2	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Naled	<21.6		324	21.6	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Ethyl Parathion	<5.40		32.4	5.40	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Phorate	<5.30		32.4	5.30	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Ronnel	<4.13		32.4	4.13	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Stirophos	<6.29		32.4	6.29	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Sulfotepp	<8.45		16.7	8.45	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Thionazin	<9.82		32.4	9.82	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Tokuthion	<5.30		32.4	5.30	ug/Kg		06/17/13 10:11	06/26/13 15:28	1
Trichloronate	<7.47		324	7.47	ug/Kg		06/17/13 10:11	06/26/13 15:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*85*		*35 - 134*	*06/17/13 10:11*	*06/26/13 15:28*	*1*

Lab Sample ID: LCS 640-102470/2-A
Matrix: Solid
Analysis Batch: 102717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102470

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Azinphos-methyl	163	102.2		ug/Kg		63	52 - 122
Bolstar	163	95.54		ug/Kg		58	55 - 141
Chlorpyrifos	163	95.35		ug/Kg		58	40 - 132
Coumaphos	163	147.4	J	ug/Kg		90	47 - 160
Diazinon	163	85.04		ug/Kg		52	36 - 113
Dichlorvos	163	111.0		ug/Kg		68	10 - 154
EPN	163	107.3	*	ug/Kg		66	68 - 159
Famphur	163	108.6		ug/Kg		66	53 - 118

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: LCS 640-102470/2-A
Matrix: Solid
Analysis Batch: 102717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102470

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fensulfothion	163	134.1	J	ug/Kg		82	33 - 168
Fenthion	163	92.78		ug/Kg		57	41 - 136
Malathion	163	90.29		ug/Kg		55	45 - 125
Methyl parathion	163	94.90		ug/Kg		58	44 - 126
Mevinphos	163	89.90		ug/Kg		55	10 - 156
Ethoprop	163	86.75		ug/Kg		53	23 - 134
Monochrotophos	654	186.5	J	ug/Kg		29	15 - 167
Naled	654	100.8	J	ug/Kg		15	13 - 102
Ethyl Parathion	163	77.94	*	ug/Kg		48	53 - 126
Phorate	163	95.64		ug/Kg		59	17 - 142
Ronnel	163	87.02		ug/Kg		53	36 - 134
Tokuthion	163	98.53		ug/Kg		60	48 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*77*		*35 - 134*

Lab Sample ID: LCSD 640-102470/3-A
Matrix: Solid
Analysis Batch: 102717

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102470

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	163	131.3		ug/Kg		80	52 - 122	25	30
Bolstar	163	95.21		ug/Kg		58	55 - 141	0	30
Chlorpyrifos	163	61.54	*	ug/Kg		38	40 - 132	43	30
Coumaphos	163	177.6	J	ug/Kg		109	47 - 160	19	30
Diazinon	163	80.02		ug/Kg		49	36 - 113	6	38
Dichlorvos	163	76.82		ug/Kg		47	10 - 154	36	51
EPN	163	118.2		ug/Kg		72	68 - 159	10	30
Famphur	163	120.4		ug/Kg		74	53 - 118	10	30
Fensulfothion	163	159.5	J	ug/Kg		98	33 - 168	17	30
Fenthion	163	64.57	*	ug/Kg		40	41 - 136	36	30
Malathion	163	74.79		ug/Kg		46	45 - 125	19	30
Methyl parathion	163	63.42	*	ug/Kg		39	44 - 126	40	30
Mevinphos	163	59.82	J	ug/Kg		37	10 - 156	40	50
Ethoprop	163	62.31		ug/Kg		38	23 - 134	33	45
Monochrotophos	653	398.1	*	ug/Kg		61	15 - 167	72	60
Naled	653	65.00	J *	ug/Kg		10	13 - 102	43	53
Ethyl Parathion	163	58.65	*	ug/Kg		36	53 - 126	28	30
Phorate	163	58.62	*	ug/Kg		36	17 - 142	48	46
Ronnel	163	80.62		ug/Kg		49	36 - 134	8	35
Tokuthion	163	79.95		ug/Kg		49	48 - 142	21	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Triphenylphosphate	*85*		*35 - 134*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: MB 640-102773/1-A
Matrix: Solid
Analysis Batch: 102926

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<14.7		64.6	14.7	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Bolstar	<4.60		32.3	4.60	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Chlorpyrifos	<6.65		32.3	6.65	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Coumaphos	<21.5		323	21.5	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Demeton-O	<2.54		81.2	2.54	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Demeton-S	<5.48		81.2	5.48	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Diazinon	<5.58		32.3	5.58	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Dichlorvos	<6.26		64.6	6.26	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Dimethoate	<8.61		64.6	8.61	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Disulfoton	<15.7		64.6	15.7	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
EPN	<4.40		32.3	4.40	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Famphur	<8.12		64.6	8.12	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Fensulfothion	<11.7		323	11.7	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Fenthion	<4.60		32.3	4.60	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Malathion	<8.02		32.3	8.02	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Merphos	<10.8		32.3	10.8	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Methyl parathion	<5.28		16.6	5.28	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Mevinphos	<4.50		64.6	4.50	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Ethoprop	<4.11		16.6	4.11	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Monochrotophos	<45.0		323	45.0	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Naled	<21.5		323	21.5	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Ethyl Parathion	<5.38		32.3	5.38	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Phorate	<5.28		32.3	5.28	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Ronnel	<4.11		32.3	4.11	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Stirophos	<6.26		32.3	6.26	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Sulfotepp	<8.41		16.6	8.41	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Thionazin	<9.78		32.3	9.78	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Tokuthion	<5.28		32.3	5.28	ug/Kg		06/28/13 08:57	07/03/13 17:32	1
Trichloronate	<7.44		323	7.44	ug/Kg		06/28/13 08:57	07/03/13 17:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*91*		*35 - 134*	*06/28/13 08:57*	*07/03/13 17:32*	*1*

Lab Sample ID: LCS 640-102773/4-A
Matrix: Solid
Analysis Batch: 102927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Azinphos-methyl	163	119.1		ug/Kg		73	52 - 122
Bolstar	163	97.74		ug/Kg		60	55 - 141
Chlorpyrifos	163	97.22		ug/Kg		60	40 - 132
Coumaphos	163	110.0	J	ug/Kg		68	47 - 160
Diazinon	163	78.83		ug/Kg		48	36 - 113
Dichlorvos	163	69.90		ug/Kg		43	10 - 154
EPN	163	104.9	*	ug/Kg		64	68 - 159
Famphur	163	96.09		ug/Kg		59	53 - 118

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: LCS 640-102773/4-A
Matrix: Solid
Analysis Batch: 102927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fensulfothion	163	98.66	J	ug/Kg		61	33 - 168
Fenthion	163	90.33		ug/Kg		56	41 - 136
Malathion	163	70.30	*	ug/Kg		43	45 - 125
Methyl parathion	163	97.47		ug/Kg		60	44 - 126
Mevinphos	163	89.36		ug/Kg		55	10 - 156
Ethoprop	163	88.78		ug/Kg		55	23 - 134
Monochrotophos	651	401.6		ug/Kg		62	15 - 167
Naled	651	290.2	J	ug/Kg		45	13 - 102
Ethyl Parathion	163	82.91	*	ug/Kg		51	53 - 126
Phorate	163	101.0		ug/Kg		62	17 - 142
Ronnel	163	87.88		ug/Kg		54	36 - 134
Tokuthion	163	102.9		ug/Kg		63	48 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*77*		*35 - 134*

Lab Sample ID: LCSD 640-102773/5-A
Matrix: Solid
Analysis Batch: 102927

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102773

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	164	178.7	*	ug/Kg		109	52 - 122	40	30
Bolstar	164	143.1	*	ug/Kg		87	55 - 141	38	30
Chlorpyrifos	164	145.3	*	ug/Kg		89	40 - 132	40	30
Coumaphos	164	155.7	J *	ug/Kg		95	47 - 160	34	30
Diazinon	164	109.6		ug/Kg		67	36 - 113	33	38
Dichlorvos	164	112.3		ug/Kg		69	10 - 154	47	51
EPN	164	153.5	*	ug/Kg		94	68 - 159	38	30
Famphur	164	145.8	*	ug/Kg		89	53 - 118	41	30
Fensulfothion	164	152.3	J *	ug/Kg		93	33 - 168	43	30
Fenthion	164	131.3	*	ug/Kg		80	41 - 136	37	30
Malathion	164	112.7	*	ug/Kg		69	45 - 125	46	30
Methyl parathion	164	143.9	*	ug/Kg		88	44 - 126	38	30
Mevinphos	164	138.7		ug/Kg		85	10 - 156	43	50
Ethoprop	164	138.1		ug/Kg		84	23 - 134	44	45
Monochrotophos	654	649.2		ug/Kg		99	15 - 167	47	60
Naled	654	473.9		ug/Kg		72	13 - 102	48	53
Ethyl Parathion	164	126.9	*	ug/Kg		78	53 - 126	42	30
Phorate	164	150.4		ug/Kg		92	17 - 142	39	46
Ronnel	164	134.7	*	ug/Kg		82	36 - 134	42	35
Tokuthion	164	156.4	*	ug/Kg		96	48 - 142	41	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Triphenylphosphate	*83*		*35 - 134*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-281040/4-A
Matrix: Solid
Analysis Batch: 281855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 281040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<4.99		8.28	4.99	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
Dalapon	<2.89		329	2.89	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
2,4-DB	<2.99		8.28	2.99	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
Dicamba	<1.89		8.28	1.89	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
Dichlorprop	<1.10		8.28	1.10	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
Dinoseb	<4.59		99.7	4.59	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
MCPA	<189		1990	189	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
Mecoprop	<170		1990	170	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
Pentachlorophenol	<0.419		8.28	0.419	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
Silvex (2,4,5-TP)	<1.60		8.28	1.60	ug/Kg		06/19/13 08:50	06/25/13 11:50	1
2,4,5-T	<2.29		8.28	2.29	ug/Kg		06/19/13 08:50	06/25/13 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*71*	*p*	*35 - 137*	*06/19/13 08:50*	*06/25/13 11:50*	*1*

Lab Sample ID: LCS 680-281040/5-A
Matrix: Solid
Analysis Batch: 281855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 281040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	66.7	47.76		ug/Kg		72	47 - 130
Dalapon	333	181.9	J	ug/Kg		55	34 - 130
2,4-DB	66.7	8.722		ug/Kg		13	10 - 130
Dicamba	66.7	48.99		ug/Kg		73	45 - 130
Dichlorprop	66.7	32.02		ug/Kg		48	39 - 130
Dinoseb	66.7	37.11	J	ug/Kg		56	10 - 130
MCPA	6670	4076		ug/Kg		61	36 - 130
Mecoprop	6670	2921		ug/Kg		44	29 - 130
Pentachlorophenol	44.7	29.68		ug/Kg		66	50 - 130
Silvex (2,4,5-TP)	66.7	35.98		ug/Kg		54	24 - 130
2,4,5-T	66.7	31.77		ug/Kg		48	32 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*64*	*p*	*35 - 137*

Lab Sample ID: 560-40622-2 MS
Matrix: Solid
Analysis Batch: 281855

Client Sample ID: HSM 360 FD
Prep Type: Total/NA
Prep Batch: 281040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	<6.43		85.9	68.37		ug/Kg	☼	80	47 - 130
Dalapon	<3.73		430	256.7	J	ug/Kg	☼	60	34 - 130
2,4-DB	<3.86		85.9	12.27		ug/Kg	☼	14	10 - 130
Dicamba	<2.44		85.9	65.10		ug/Kg	☼	76	45 - 130
Dichlorprop	<1.41		85.9	39.32		ug/Kg	☼	46	39 - 130
Dinoseb	<5.91		85.9	48.77	J	ug/Kg	☼	57	10 - 130
MCPA	<244		8590	5077		ug/Kg	☼	59	36 - 130

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 560-40622-2 MS
Matrix: Solid
Analysis Batch: 281855

Client Sample ID: HSM 360 FD
Prep Type: Total/NA
Prep Batch: 281040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mecoprop	<219		8590	3751		ug/Kg	☼	44	29 - 130
Pentachlorophenol	<0.540		57.6	36.91		ug/Kg	☼	64	50 - 130
Silvex (2,4,5-TP)	<2.06		85.9	43.86		ug/Kg	☼	51	24 - 130
2,4,5-T	<2.96		85.9	38.09		ug/Kg	☼	44	32 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCAA	*63*	*p*	*35 - 137*

Lab Sample ID: 560-40622-2 MSD
Matrix: Solid
Analysis Batch: 281855

Client Sample ID: HSM 360 FD
Prep Type: Total/NA
Prep Batch: 281040

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D	<6.43		85.8	63.96		ug/Kg	☼	75	47 - 130	7	50
Dalapon	<3.73		429	241.6	J	ug/Kg	☼	56	34 - 130	6	50
2,4-DB	<3.86		85.8	14.88	p	ug/Kg	☼	17	10 - 130	19	50
Dicamba	<2.44		85.8	65.37		ug/Kg	☼	76	45 - 130	0	50
Dichlorprop	<1.41		85.8	41.30		ug/Kg	☼	48	39 - 130	5	50
Dinoseb	<5.91		85.8	48.86	J	ug/Kg	☼	57	10 - 130	0	50
MCPA	<244		8580	5282		ug/Kg	☼	62	36 - 130	4	50
Mecoprop	<219		8580	3523		ug/Kg	☼	41	29 - 130	6	50
Pentachlorophenol	<0.540		57.5	37.69		ug/Kg	☼	66	50 - 130	2	50
Silvex (2,4,5-TP)	<2.06		85.8	47.25		ug/Kg	☼	55	24 - 130	7	50
2,4,5-T	<2.96		85.8	37.71		ug/Kg	☼	44	32 - 130	1	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCAA	*57*	*p*	*35 - 137*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-89590/1-A
Matrix: Solid
Analysis Batch: 89738

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	<6.32		20.0	6.32	mg/Kg		06/26/13 09:20	06/28/13 21:21	1

Lab Sample ID: LCS 560-89590/2-A
Matrix: Solid
Analysis Batch: 89738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silicon	500	577.4		mg/Kg		115	80 - 120

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 560-89590/1-A
Matrix: Solid
Analysis Batch: 89642

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<1.20		2.50	1.20	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Calcium	<13.8		25.0	13.8	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Antimony	<0.0961		0.250	0.0961	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Potassium	<24.5		50.0	24.5	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Arsenic	<0.0499		0.250	0.0499	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Magnesium	<5.47		25.0	5.47	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Barium	<0.109		0.250	0.109	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Sodium	260.6		50.0	28.1	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Beryllium	<0.0876		0.250	0.0876	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Strontium	<0.0611		0.250	0.0611	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Cadmium	<0.0721		0.250	0.0721	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Chromium	<0.112		0.250	0.112	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Copper	<0.177		0.500	0.177	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Iron	<5.53		25.0	5.53	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Lead	<0.205		0.500	0.205	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Manganese	<0.603		2.50	0.603	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Nickel	<0.133		0.250	0.133	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Selenium	<0.0435		0.250	0.0435	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Silver	<0.0686		0.250	0.0686	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Thallium	<0.0689		0.250	0.0689	mg/Kg		06/26/13 09:20	06/26/13 16:51	1
Zinc	<0.768		1.25	0.768	mg/Kg		06/26/13 09:20	06/26/13 16:51	1

Lab Sample ID: LCS 560-89590/2-A
Matrix: Solid
Analysis Batch: 89642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2500	2624		mg/Kg		105	80 - 120
Antimony	25.0	27.53		mg/Kg		110	80 - 120
Arsenic	25.0	27.06		mg/Kg		108	80 - 120
Barium	25.0	26.89		mg/Kg		108	80 - 120
Beryllium	35.0	36.36		mg/Kg		104	80 - 120
Cadmium	25.0	26.72		mg/Kg		107	80 - 120
Chromium	25.0	26.80		mg/Kg		107	80 - 120
Copper	25.0	26.00		mg/Kg		104	80 - 120
Iron	2500	2543		mg/Kg		102	80 - 120
Lead	25.0	26.92		mg/Kg		108	80 - 120
Manganese	250	254.4		mg/Kg		102	80 - 120
Nickel	25.0	25.92		mg/Kg		104	80 - 120
Selenium	25.0	23.85		mg/Kg		95	80 - 120
Silver	25.0	27.62		mg/Kg		110	80 - 120
Thallium	10.0	10.08		mg/Kg		101	80 - 120
Zinc	25.0	26.72		mg/Kg		107	80 - 120

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 560-89487/4-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89502 — **Prep Batch: 89487**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0108		0.120	0.0108	mg/Kg		06/24/13 11:00	06/24/13 13:10	1

Lab Sample ID: LCS 560-89487/5-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89502 — **Prep Batch: 89487**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.2640		mg/Kg		106	80 - 120

Lab Sample ID: MB 560-89722/4-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89731 — **Prep Batch: 89722**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0108		0.120	0.0108	mg/Kg		06/28/13 15:00	06/28/13 16:42	1

Lab Sample ID: LCS 560-89722/5-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89731 — **Prep Batch: 89722**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.2765		mg/Kg		111	80 - 120

Lab Sample ID: 560-40622-2 MS — **Client Sample ID: HSM 360 FD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89731 — **Prep Batch: 89722**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00864		0.177	0.2198		mg/Kg	☼	124	75 - 125

Lab Sample ID: 560-40622-2 MSD — **Client Sample ID: HSM 360 FD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89731 — **Prep Batch: 89722**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00864		0.199	0.2287		mg/Kg	☼	115	75 - 125	4	30

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-281543/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 281815 — **Prep Batch: 281543**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	<11.0		20.0	11.0	mg/Kg		06/21/13 16:30	06/24/13 20:29	1

Method: 365.4 - Phosphorus, Total (Continued)

Lab Sample ID: LCS 680-281543/1-A
Matrix: Solid
Analysis Batch: 281815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 281543

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	400	432.4		mg/Kg		108	60 - 140

Method: 9045D - pH

Lab Sample ID: LCS 560-89359/2
Matrix: Solid
Analysis Batch: 89359

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	4.99	5.050		SU		101	98 - 102

Lab Sample ID: 560-40622-2 DU
Matrix: Solid
Analysis Batch: 89359

Client Sample ID: HSM 360 FD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.10		8.090		SU		0.1	20

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 560-89778/1-A
Matrix: Solid
Analysis Batch: 89847

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.05		10.0	1.05	mg/Kg			07/02/13 18:17	1
Nitrate as N	<0.556		5.00	0.556	mg/Kg			07/02/13 18:17	1
Sulfate	9.730	J	10.0	8.65	mg/Kg			07/02/13 18:17	1
Bromide	<0.616		10.0	0.616	mg/Kg			07/02/13 18:17	1

Lab Sample ID: LCS 560-89778/2-A
Matrix: Solid
Analysis Batch: 89847

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	100.4		mg/Kg		100	80 - 120
Nitrate as N	50.0	50.88		mg/Kg		102	80 - 120
Sulfate	200	204.9		mg/Kg		102	80 - 120
Bromide	50.0	48.71		mg/Kg		97	80 - 120

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 560-89449/19-A
Matrix: Solid
Analysis Batch: 89450

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	96.00		mg/Kg		96	85 - 115

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 560-89449/1-A
Matrix: Solid
Analysis Batch: 89450

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	96.20		mg/Kg		96	85 - 115

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 560-89491/1-A
Matrix: Solid
Analysis Batch: 89531

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.200		1.00	0.200	mg/Kg			06/24/13 11:30	1

Lab Sample ID: LCS 560-89491/2-A
Matrix: Solid
Analysis Batch: 89531

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	8.00	8.330		mg/Kg		104	85 - 115

Method: WALKLEY BLACK - Organic Carbon, Total (TOC)

Lab Sample ID: MB 560-89690/1
Matrix: Solid
Analysis Batch: 89690

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<270		1500	270	mg/Kg			06/27/13 13:00	1

Certification Summary

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Laboratory: TestAmerica Corpus Christi

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Kansas	NELAP	7	E-10362	10-31-13
Oklahoma	State Program	6	9968	08-31-13
Texas	NELAP	6	T104704210-12-8	03-31-14
USDA	Federal		P330-11-00060	02-03-14

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-13 *
Arkansas DEQ	State Program	6	88-0692	02-01-14 *
California	NELAP	9	3217CA	07-31-13 *
Colorado	State Program	8	N/A	12-31-13
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-14
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-14
Georgia	State Program	4	803	06-30-14
Guam	State Program	9	09-005r	04-17-13 *
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-13
Iowa	State Program	7	353	07-01-15
Kentucky	State Program	4	90084	12-31-13
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	30690	06-30-14
Louisiana	NELAP	6	LA100015	12-31-13
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-13
Massachusetts	State Program	1	M-GA006	06-30-14
Mississippi	State Program	4	N/A	06-30-14
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-14
New Jersey	NELAP	2	GA769	06-30-14
New Mexico	State Program	6	N/A	06-30-14
New York	NELAP	2	10842	04-01-14
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13 *
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	09-30-13
Wisconsin	State Program	5	999819810	08-31-13

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wyoming	State Program	8	8TMS-Q	06-30-13 *

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-14
New Jersey	NELAP	2	FL012	06-30-14
Texas	NELAP	6	T104704459-11-2	03-31-14
USDA	Federal		P330-08-00158	08-05-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CC
8081B	Organochlorine Pesticides (GC)	SW846	TAL TAL
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CC
8141B	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	SW846	TAL TAL
8151A	Herbicides (GC)	SW846	TAL SAV
6010B	Metals (ICP)	SW846	TAL CC
6020	Metals (ICP/MS)	SW846	TAL CC
7471A	Mercury (CVAA)	SW846	TAL CC
365.4	Phosphorus, Total	EPA	TAL SAV
9045D	pH	SW846	TAL CC
9056	Anions, Ion Chromatography	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC
SM 2320B	Alkalinity	SM	TAL CC
SM 4500 F C	Fluoride	SM	TAL CC
WALKLEY BLACK	Organic Carbon, Total (TOC)	MSA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

MSA = "Methods Of Soil Analysis, Chemical And Microbiological Properties", Part 2, 2nd Ed., 1982 And Subsequent Revisions.

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.

Laboratory References:

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Sample Summary

Client: Edwards Aquifer Authority
Project/Site: Sludge Composite

TestAmerica Job ID: 560-40622-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-40622-1	HSM 360	Solid	06/13/13 09:30	06/14/13 08:30
560-40622-2	HSM 360 FD	Solid	06/13/13 09:30	06/14/13 08:30
560-40622-3	HSM 370	Solid	06/13/13 10:15	06/14/13 08:30
560-40622-4	Trip Blank	Water	06/13/13 00:00	06/14/13 08:30

Chain of Custody Record

560-40622 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 560
40622

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
EAA	Mark Hamilton	6/13/13	243517
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
900 E. Quincy	(210)222-2204 (210)222-9869		
City SA	**State** TX	**Zip Code** 78215	**Site Contact**	**Lab Contact**
Project Name and Location (State)	**Carrier/Waybill Number**	
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: VOC	GRO	SM	TOC	8082	SVOC	6081	8141	8151	T. PHOS	DOC	Special Instructions/ Conditions of Receipt
HSM 360	6/13/13	0930			X		X						X	X	X	X	X	X	X	X	X	X	X	
HSM 360 FD	↓	0930			X		X						X	X	X	X	X	X	X	X	X	X	X	
HSM 370	↓	1015			X		X						X	X	X	X	X	X	X	X	X	X	X	

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 ____

QC Requirements (Specify)

		Date	Time
1. Relinquished By	[signature]	6/13/13	1434
2. Relinquished By	[signature] 6-13-13	2:21 pm	
3. Relinquished By			
1. Received By	[signature] 6-13-13	2:21 pm	
2. Received By	[signature]	6/14/13	8:30
3 Received By			

Comments Greyhound: 1695125883 ODS 2.2°C | Cooler 2.4°C IR-4, Seal

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

EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SEDIMENT

Site Information

Station Name: HSM 360

Location:

Owner/Contact: Edwards Aquifer Authority

Address: 900 East Quincy

County: Hays

Point of Collection: Surface sample

Date: 6/13/2013 Time:

Ambient Temp. 80°F Collector(s): CL

Weather: Mostly cloudy

Equal-Width-Increment Method

Transect Width: 50'

Number of Verticals: 3

Flow/Apperance: Murky

Type of Analysis: (circle all that apply)

GWQP	Selct. Met.	8081	8082	8141	8151
TOC	T. Phosphorous	SVOCs	TB	DOC	VOC

Notes

Sampled @ 0930

Latitude: 29.8746 Longitude: -97.9316

updated 06/06/13

EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SEDIMENT

Site Information

Station Name: HSM 360 FD

Location:

Owner/Contact: Edwards Aquifer Authority

Address: 900 East Quincy

County: Hays

Point of Collection:

Date: 6/4/2013 Time:

Ambient Temp. 80 °F Collector(s): GL

Weather: Mostly Cloudy

Equal-Width-Increment Method

Transect Width: 50'

Number of Verticals: 3

Flow/Apperance: Murky

Type of Analysis: (circle all that apply)

GWQP | Selct Met. | 8081 | 8082 | 8141 | 8151 | TOC | T. Phosphorous | SVOCs | CTB | POC | VOC

Notes

Sampled @ 1930

Latitude: 29.8746 Longitude: -97.9316

updated 06/06/13

EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SEDIMENT

Site Information

Station Name:	HSM370
Location:	
Owner/Contact:	Edwards Aquifer Authority
Address:	900 East Quincy
County:	Hays
Point of Collection:	
Date:	6/13/2013 Time:
Ambient Temp.	95°F Collector(s): GL
Weather:	Mostly cloudy

Equal-Width-Increment Method

Transect Width:	50'
Number of Verticals:	3
Flow/Apperance:	murky

Type of Analysis: (circle all that apply)

GWQP	Selct Met	8081	8082	8141	8151
TOC	T Phosphorous	SVOCs	TB	DOC	VOC

Notes

Sampled @ 1015

Latitude: 29.8689	Longitude: -97.9306

updated 06/06/13

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40622-1

Login Number: 40622

List Source: TestAmerica Corpus Christi

List Number: 1

Creator: Wing, Randi

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	
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.	True	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40622-1

Login Number: 40622
List Number: 1
Creator: Conner, Keaton

List Source: TestAmerica Savannah
List Creation: 06/18/13 03:38 PM

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?	N/A	
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.	True	
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	

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40622-1

Login Number: 40622
List Number: 1
Creator: Delp, Eric

List Source: TestAmerica Tallahassee
List Creation: 06/18/13 11:18 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	