TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
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TestAmerica Job ID: 560-40484-1
Client Project/Site: Analytical Laboratory Services

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

Attn: Steve Johnson

Authorized for release by:
8/5/2013 1:30:25 PM

Lindy Maingot, Project Manager I
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Qualifiers

GC/MS 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.
*	LCS or LCSD exceeds the control limits

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

GC 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.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits
E	Result exceeded calibration range.

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.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

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.
HF	Field parameter with a holding time of 15 minutes
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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)

Job ID: 560-40484-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-40484-1

Comments
No additional comments.

Receipt
The samples were received on 6/11/2013 8:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.0º C and 1.4º C.

GC/MS VOA
Samples 560-40484-1 and 2 were analyzed for Volatiles using Method 8260B. The laboratory control sample (LCS) for batch 88964 recovered outside control limits for the following analyte: Hexachlorobutadiene. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

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

GC Semi VOA
Sample 560-40484-1 was analyzed for Pesticides using Method 8081B. Percent recovery of DCB Decachlorohiphenyl surrogate was outside acceptable limits in this sample. Tetrachloro-m-xylene was within acceptable limits. This sample contained an allowable number of surrogate compounds outside limits: HCS 310 (560-40484-1). These results have been reported and qualified.

Sample 560-40484-4 was analyzed for Pesticides using Method 8141A. The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 640-102361 recovered outside control limits for the following analytes: epn. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Sample 560-40484-1, 2 and 3 were analyzed for Pesticides using Method 8141B. The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 640-102485 recovered outside control limits for the following analytes: methyl azinphos. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Samples 560-40484-1, 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 both columns are outside criteria. Any results which fall outside criteria are qualified and reported. Contamination peak coeluting with 2,4-DCAA causes a high biased condition on column two. All surrogates are reported from column one.

Samples 560-560-40484-1, 2 and 3 were analyzed for Herbicides using Method 8151A. Due to insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 680-280649. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

Metals
Sample 560-40484-1 was analyzed for Metals using Method 6020. Percent recovery results for the MS/MSD pair, the MS or the MSD were outside acceptable limits for Calcium, Barium, Strontium, Cadmium, chromium, Copper, Lead, Antimony, Aluminum and Zinc. The LCS was within acceptable limits. Therefore, data are reported.

Sample 560-40484-1 was analyzed for Metals using Method 6020. The relative percent deviation (RPD) was outside acceptable limits for Zinc in the MS/MSD pair associated with this sample. The LCS was within acceptable limits. Therefore, data are reported.

The serial dilution performed for the samples associated with batch 89406 was outside control limits for Iron, Magnesium, Manganese and Zinc. (560-40484-1 SD)

Job ID: 560-40484-1 (Continued)

Laboratory: TestAmerica Corpus Christi (Continued)

No other analytical or quality issues were noted.

General Chemistry

Method(s) 365.4: Due to the high concentration of phosphorus, the matrix spike / matrix spike duplicate (MS/MSD) for batch 281543 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Sample 560-40484-4 was analyzed for pH using Method 9040C. Sample pH is considered a field parameter with a holding time of 15 minutes. Data generated after hold time expires should be flagged accordingly and used at the client's discretion.

Sample 560-40484-4 was analyzed for TOC using Method 9060. The following compound was detected in the method blank associated with this sample:TOC. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Organic Prep

Samples 560-40484-1, 2 and 3 were prepped/analyzed for Semi-volatiles using Methods 3550B/8270C. Due to the matrix, the initial volume used for these samples deviated from the standard procedure: Approximately 3.00g of sample matrix was used instead of the specified 30.00g. The reporting limits (RLs) have been adjusted proportionately.

No other analytical or quality issues were noted.

Detection Summary

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 310 — Lab Sample ID: 560-40484-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11.0	J	54.7	7.87	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	1220	J	4130	209	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	546	J	4130	209	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	329	J	4130	209	ug/Kg	1	☼	8270C	Total/NA
Pyrene	354	J	4130	209	ug/Kg	1	☼	8270C	Total/NA
4,4'-DDD	0.922	J	4.04	0.109	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDE	1.36	J	4.04	0.104	ug/Kg	1	☼	8081B	Total/NA
alpha-Chlordane	0.531	J	2.08	0.0698	ug/Kg	1	☼	8081B	Total/NA
Dieldrin	0.205	J	4.04	0.0416	ug/Kg	1	☼	8081B	Total/NA
gamma-Chlordane	0.611	J p	2.08	0.103	ug/Kg	1	☼	8081B	Total/NA
Chlordane (technical)	5.35	J p	20.8	3.06	ug/Kg	1	☼	8081B	Total/NA
Silicon	256		13.5	4.28	mg/Kg	1	☼	6010B	Total/NA
Aluminum	532		1.78	0.856	mg/Kg	1	☼	6020	Total/NA
Calcium	299000		891	492	mg/Kg	50	☼	6020	Total/NA
Arsenic	2.05		1.78	0.356	mg/Kg	10	☼	6020	Total/NA
Magnesium	1730		17.8	3.90	mg/Kg	1	☼	6020	Total/NA
Barium	6.68		0.178	0.0777	mg/Kg	1	☼	6020	Total/NA
Sodium	26.0	J	35.6	20.0	mg/Kg	1	☼	6020	Total/NA
Beryllium	0.0675	J	0.178	0.0625	mg/Kg	1	☼	6020	Total/NA
Strontium	146		0.178	0.0436	mg/Kg	1	☼	6020	Total/NA
Cadmium	0.0773	J	0.178	0.0514	mg/Kg	1	☼	6020	Total/NA
Chromium	2.17		0.178	0.0799	mg/Kg	1	☼	6020	Total/NA
Copper	1.88		0.356	0.126	mg/Kg	1	☼	6020	Total/NA
Iron	1140		17.8	3.94	mg/Kg	1	☼	6020	Total/NA
Lead	3.99		0.356	0.146	mg/Kg	1	☼	6020	Total/NA
Manganese	25.7		1.78	0.430	mg/Kg	1	☼	6020	Total/NA
Nickel	4.17		1.78	0.948	mg/Kg	10	☼	6020	Total/NA
Zinc	32.5		0.891	0.548	mg/Kg	1	☼	6020	Total/NA
Phosphorus	99.8		23.0	12.6	mg/Kg	1	☼	365.4	Total/NA
Total Organic Carbon	13300		1870	336	mg/Kg	1	☼	WALKLEY BLACK	Total/NA
Chloride	24.5	J	124	13.1	mg/Kg	10	☼	9056	Soluble
Sulfate	127		124	108	mg/Kg	10	☼	9056	Soluble
Fluoride	1.34		1.24	0.249	mg/Kg	1	☼	SM 4500 F C	Soluble

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.37		0.100	0.100	SU	1		9045D	Total/NA
Total Alkalinity as CaCO3	2340		156	156	mg/Kg	1	☼	SM 2320B	Soluble
Bicarbonate Alkalinity as CaCO3	2260		156	156	mg/Kg	1	☼	SM 2320B	Soluble

Client Sample ID: HCS 320 — Lab Sample ID: 560-40484-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12.8	J	70.3	10.1	ug/Kg	1	☼	8260B	Total/NA
Anthracene	337	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	1150	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	1100	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	1270	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	829	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	543	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	291	J	5180	262	ug/Kg	1	☼	8270C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HCS 320 (Continued)

Lab Sample ID: 560-40484-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	1170	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	2950	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	738	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	1430	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
Pyrene	2730	J	5180	262	ug/Kg	1	☼	8270C	Total/NA
4,4'-DDD	0.196	J	5.05	0.136	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDE	0.213	J p	5.05	0.130	ug/Kg	1	☼	8081B	Total/NA
alpha-Chlordane	0.0956	J	2.60	0.0872	ug/Kg	1	☼	8081B	Total/NA
gamma-Chlordane	0.240	J p	2.60	0.129	ug/Kg	1	☼	8081B	Total/NA
Chlordane (technical)	4.39	J	26.0	3.83	ug/Kg	1	☼	8081B	Total/NA
Silicon	293		18.3	5.79	mg/Kg	1	☼	6010B	Total/NA
Aluminum	1810		2.15	1.03	mg/Kg	1	☼	6020	Total/NA
Calcium	162000		429	237	mg/Kg	20	☼	6020	Total/NA
Arsenic	1.03	J	4.29	0.857	mg/Kg	20	☼	6020	Total/NA
Magnesium	2120		21.5	4.70	mg/Kg	1	☼	6020	Total/NA
Barium	26.4		0.215	0.0936	mg/Kg	1	☼	6020	Total/NA
Sodium	334		42.9	24.1	mg/Kg	1	☼	6020	Total/NA
Strontium	300		0.215	0.0524	mg/Kg	1	☼	6020	Total/NA
Chromium	4.79		0.215	0.0961	mg/Kg	1	☼	6020	Total/NA
Iron	2550		21.5	4.75	mg/Kg	1	☼	6020	Total/NA
Lead	5.59		0.429	0.176	mg/Kg	1	☼	6020	Total/NA
Manganese	45.4		2.15	0.518	mg/Kg	1	☼	6020	Total/NA
Nickel	3.48	J	4.29	2.28	mg/Kg	20	☼	6020	Total/NA
Selenium	0.885	J	4.29	0.747	mg/Kg	20	☼	6020	Total/NA
Zinc	12.1		1.07	0.659	mg/Kg	1	☼	6020	Total/NA
Mercury	0.0119	J	0.103	0.00931	mg/Kg	1	☼	7471A	Total/NA
Phosphorus	276		30.2	16.6	mg/Kg	1	☼	365.4	Total/NA
Total Organic Carbon	7860		2350	423	mg/Kg	1	☼	WALKLEY BLACK	Total/NA
Chloride	37.6	J	157	16.4	mg/Kg	10	☼	9056	Soluble
Sulfate	155	J	157	135	mg/Kg	10	☼	9056	Soluble
Fluoride	1.72		1.57	0.313	mg/Kg	1	☼	SM 4500 F C	Soluble

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.48		0.100	0.100	SU	1		9045D	Total/NA
Total Alkalinity as CaCO3	1110		196	196	mg/Kg	1	☼	SM 2320B	Soluble
Bicarbonate Alkalinity as CaCO3	1020		196	196	mg/Kg	1	☼	SM 2320B	Soluble

Client Sample ID: HCS 340

Lab Sample ID: 560-40484-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	2610	J	5980	302	ug/Kg	1	☼	8270C	Total/NA
4,4'-DDD	0.697	J	5.89	0.159	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDE	1.56	J	5.89	0.152	ug/Kg	1	☼	8081B	Total/NA
Dieldrin	0.534	J	5.89	0.0607	ug/Kg	1	☼	8081B	Total/NA
gamma-Chlordane	0.675	J p	3.03	0.150	ug/Kg	1	☼	8081B	Total/NA
Chlordane (technical)	11.0	J	30.3	4.46	ug/Kg	1	☼	8081B	Total/NA
Silicon	340		19.4	6.13	mg/Kg	1	☼	6010B	Total/NA
Aluminum	1940		2.31	1.11	mg/Kg	1	☼	6020	Total/NA
Calcium	299000		462	255	mg/Kg	20	☼	6020	Total/NA
Potassium	505		46.2	22.6	mg/Kg	1	☼	6020	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HCS 340 (Continued) — Lab Sample ID: 560-40484-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.48		4.62	0.922	mg/Kg	20	☼	6020	Total/NA
Magnesium	2410		462	101	mg/Kg	20	☼	6020	Total/NA
Barium	34.7		0.231	0.101	mg/Kg	1	☼	6020	Total/NA
Sodium	313		46.2	26.0	mg/Kg	1	☼	6020	Total/NA
Strontium	357		0.231	0.0565	mg/Kg	1	☼	6020	Total/NA
Cadmium	12.2		4.62	1.33	mg/Kg	20	☼	6020	Total/NA
Chromium	7.10		0.231	0.103	mg/Kg	1	☼	6020	Total/NA
Copper	8.57	J	9.24	3.27	mg/Kg	20	☼	6020	Total/NA
Iron	4260		23.1	5.11	mg/Kg	1	☼	6020	Total/NA
Lead	10.0		0.462	0.189	mg/Kg	1	☼	6020	Total/NA
Manganese	55.3		2.31	0.557	mg/Kg	1	☼	6020	Total/NA
Nickel	27.1		4.62	2.46	mg/Kg	20	☼	6020	Total/NA
Selenium	4.20	J	4.62	0.804	mg/Kg	20	☼	6020	Total/NA
Zinc	21.2		1.16	0.710	mg/Kg	1	☼	6020	Total/NA
Mercury	0.0230	J	0.114	0.0103	mg/Kg	1	☼	7471A	Total/NA
Phosphorus	445		35.0	19.2	mg/Kg	1	☼	365.4	Total/NA
Total Organic Carbon	64500		2740	494	mg/Kg	1	☼	WALKLEY BLACK	Total/NA
Chloride	73.9	J	183	19.2	mg/Kg	10	☼	9056	Soluble
Sulfate	232		183	158	mg/Kg	10	☼	9056	Soluble
Fluoride	1.72	J	1.83	0.366	mg/Kg	1	☼	SM 4500 F C	Soluble

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.28		0.100	0.100	SU	1		9045D	Total/NA
Total Alkalinity as CaCO3	887		229	229	mg/Kg	1	☼	SM 2320B	Soluble
Bicarbonate Alkalinity as CaCO3	887		229	229	mg/Kg	1	☼	SM 2320B	Soluble

Client Sample ID: EBHCS — Lab Sample ID: 560-40484-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.616	J	10.0	0.500	ug/L	1		8270C	Total/NA
Strontium	4.14	J	5.00	0.768	ug/L	1		6020	Total/NA
Total Organic Carbon	0.707	J B	1.00	0.285	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	0.439	J	1.00	0.285	mg/L	1		SM 5310B	Dissolved

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.60	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Suspended Solids	4.00		3.00	3.00	mg/L	1		SM 2540D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 560-40484-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 310
Date Collected: 06/10/13 09:20
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-1
Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11.0	J	54.7	7.87	ug/Kg	☼		06/11/13 17:18	1
Acetonitrile	<40.4		54.7	40.4	ug/Kg	☼		06/11/13 17:18	1
Benzene	<0.251		5.47	0.251	ug/Kg	☼		06/11/13 17:18	1
Benzyl chloride	<0.547		5.47	0.547	ug/Kg	☼		06/11/13 17:18	1
Bromobenzene	<0.809		5.47	0.809	ug/Kg	☼		06/11/13 17:18	1
Bromochloromethane	<0.984		5.47	0.984	ug/Kg	☼		06/11/13 17:18	1
Bromoform	<0.558		5.47	0.558	ug/Kg	☼		06/11/13 17:18	1
Bromomethane	<1.20		5.47	1.20	ug/Kg	☼		06/11/13 17:18	1
1,3-Butadiene	<0.262		5.47	0.262	ug/Kg	☼		06/11/13 17:18	1
2-Butanone (MEK)	<2.08		10.9	2.08	ug/Kg	☼		06/11/13 17:18	1
Carbon disulfide	<1.09		5.47	1.09	ug/Kg	☼		06/11/13 17:18	1
Carbon tetrachloride	<0.558		5.47	0.558	ug/Kg	☼		06/11/13 17:18	1
Chlorobenzene	<0.251		5.47	0.251	ug/Kg	☼		06/11/13 17:18	1
2-Chloro-1,3-butadiene	<0.754		5.47	0.754	ug/Kg	☼		06/11/13 17:18	1
Chlorodibromomethane	<0.700		5.47	0.700	ug/Kg	☼		06/11/13 17:18	1
Chloroethane	<0.284		5.47	0.284	ug/Kg	☼		06/11/13 17:18	1
Chloroform	<0.951		5.47	0.951	ug/Kg	☼		06/11/13 17:18	1
1-Chlorohexane	<0.601		5.47	0.601	ug/Kg	☼		06/11/13 17:18	1
Chloromethane	<1.31		5.47	1.31	ug/Kg	☼		06/11/13 17:18	1
3-Chloro-1-propene	<1.07		5.47	1.07	ug/Kg	☼		06/11/13 17:18	1
2-Chlorotoluene	<0.241		5.47	0.241	ug/Kg	☼		06/11/13 17:18	1
4-Chlorotoluene	<0.754		5.47	0.754	ug/Kg	☼		06/11/13 17:18	1
cis-1,4-Dichloro-2-butene	<0.350		5.47	0.350	ug/Kg	☼		06/11/13 17:18	1
cis-1,2-Dichloroethene	<0.623		5.47	0.623	ug/Kg	☼		06/11/13 17:18	1
cis-1,3-Dichloropropene	<0.154		5.47	0.154	ug/Kg	☼		06/11/13 17:18	1
Cyclohexane	<1.08		10.9	1.08	ug/Kg	☼		06/11/13 17:18	1
Cyclohexanone	<10.9		109	10.9	ug/Kg	☼		06/11/13 17:18	1
1,2-Dibromo-3-Chloropropane	<0.361		5.47	0.361	ug/Kg	☼		06/11/13 17:18	1
Dibromomethane	<0.776		5.47	0.776	ug/Kg	☼		06/11/13 17:18	1
1,2-Dichlorobenzene	<0.273		5.47	0.273	ug/Kg	☼		06/11/13 17:18	1
1,3-Dichlorobenzene	<0.339		5.47	0.339	ug/Kg	☼		06/11/13 17:18	1
1,4-Dichlorobenzene	<0.350		5.47	0.350	ug/Kg	☼		06/11/13 17:18	1
Dichlorobromomethane	<0.208		5.47	0.208	ug/Kg	☼		06/11/13 17:18	1
Dichlorodifluoromethane	<0.798		5.47	0.798	ug/Kg	☼		06/11/13 17:18	1
1,1-Dichloroethane	<0.645		5.47	0.645	ug/Kg	☼		06/11/13 17:18	1
1,2-Dichloroethane	<0.568		5.47	0.568	ug/Kg	☼		06/11/13 17:18	1
1,1-Dichloroethene	<0.208		5.47	0.208	ug/Kg	☼		06/11/13 17:18	1
1,2-Dichloroethene, Total	<0.547		5.47	0.547	ug/Kg	☼		06/11/13 17:18	1
1,2-Dichloropropane	<0.164		5.47	0.164	ug/Kg	☼		06/11/13 17:18	1
1,3-Dichloropropane	<0.262		5.47	0.262	ug/Kg	☼		06/11/13 17:18	1
2,2-Dichloropropane	<0.918		5.47	0.918	ug/Kg	☼		06/11/13 17:18	1
1,1-Dichloropropene	<0.568		5.47	0.568	ug/Kg	☼		06/11/13 17:18	1
1,4-Dioxane	<20.8		109	20.8	ug/Kg	☼		06/11/13 17:18	1
EDB	<0.186		5.47	0.186	ug/Kg	☼		06/11/13 17:18	1
Ethyl acetate	<3.07		5.47	3.07	ug/Kg	☼		06/11/13 17:18	1
Ethylbenzene	<0.492		5.47	0.492	ug/Kg	☼		06/11/13 17:18	1
Ethylene oxide	<17.5		43.7	17.5	ug/Kg	☼		06/11/13 17:18	1
Ethyl ether	<0.186		5.47	0.186	ug/Kg	☼		06/11/13 17:18	1
Ethyl methacrylate	<0.558		5.47	0.558	ug/Kg	☼		06/11/13 17:18	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 310
Date Collected: 06/10/13 09:20
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-1
Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.700	*	5.47	0.700	ug/Kg	☼		06/11/13 17:18	1
Hexane	<1.42		5.47	1.42	ug/Kg	☼		06/11/13 17:18	1
2-Hexanone	<1.64		10.9	1.64	ug/Kg	☼		06/11/13 17:18	1
Iodomethane	<0.875		5.47	0.875	ug/Kg	☼		06/11/13 17:18	1
Isobutyl alcohol	<74.3		109	74.3	ug/Kg	☼		06/11/13 17:18	1
Isooctane	<0.175		5.47	0.175	ug/Kg	☼		06/11/13 17:18	1
Isopropylbenzene	<0.153		5.47	0.153	ug/Kg	☼		06/11/13 17:18	1
4-Isopropyltoluene	<0.230		5.47	0.230	ug/Kg	☼		06/11/13 17:18	1
Methacrylonitrile	<2.62		54.7	2.62	ug/Kg	☼		06/11/13 17:18	1
Methylene Chloride	<5.47		27.3	5.47	ug/Kg	☼		06/11/13 17:18	1
Methyl methacrylate	<1.20		5.47	1.20	ug/Kg	☼		06/11/13 17:18	1
4-Methyl-2-pentanone (MIBK)	<1.64		10.9	1.64	ug/Kg	☼		06/11/13 17:18	1
Methyl tert-butyl ether	<0.667		5.47	0.667	ug/Kg	☼		06/11/13 17:18	1
m-Xylene & p-Xylene	<0.547		10.9	0.547	ug/Kg	☼		06/11/13 17:18	1
Naphthalene	<1.31		10.9	1.31	ug/Kg	☼		06/11/13 17:18	1
n-Butylbenzene	<0.295		5.47	0.295	ug/Kg	☼		06/11/13 17:18	1
n-Heptane	<0.579		5.47	0.579	ug/Kg	☼		06/11/13 17:18	1
2-Nitropropane	<0.568		5.47	0.568	ug/Kg	☼		06/11/13 17:18	1
N-Propylbenzene	<0.230		5.47	0.230	ug/Kg	☼		06/11/13 17:18	1
1-Octene	<0.547		5.47	0.547	ug/Kg	☼		06/11/13 17:18	1
o-Xylene	<0.241		5.47	0.241	ug/Kg	☼		06/11/13 17:18	1
Pentachloroethane	<1.53		5.47	1.53	ug/Kg	☼		06/11/13 17:18	1
Propionitrile	<5.36		54.7	5.36	ug/Kg	☼		06/11/13 17:18	1
sec-Butylbenzene	<0.219		5.47	0.219	ug/Kg	☼		06/11/13 17:18	1
Styrene	<0.219		5.47	0.219	ug/Kg	☼		06/11/13 17:18	1
tert-Butylbenzene	<0.273		5.47	0.273	ug/Kg	☼		06/11/13 17:18	1
1,1,1,2-Tetrachloroethane	<0.295		5.47	0.295	ug/Kg	☼		06/11/13 17:18	1
1,1,2,2-Tetrachloroethane	<0.415		5.47	0.415	ug/Kg	☼		06/11/13 17:18	1
Tetrachloroethene	<0.809		5.47	0.809	ug/Kg	☼		06/11/13 17:18	1
Toluene	<0.984		5.47	0.984	ug/Kg	☼		06/11/13 17:18	1
trans-1,4-Dichloro-2-butene	<0.962		5.47	0.962	ug/Kg	☼		06/11/13 17:18	1
trans-1,2-Dichloroethene	<0.547		5.47	0.547	ug/Kg	☼		06/11/13 17:18	1
trans-1,3-Dichloropropene	<0.568		5.47	0.568	ug/Kg	☼		06/11/13 17:18	1
1,2,3-Trichlorobenzene	<0.481		5.47	0.481	ug/Kg	☼		06/11/13 17:18	1
1,2,4-Trichlorobenzene	<1.06		5.47	1.06	ug/Kg	☼		06/11/13 17:18	1
1,3,5-Trichlorobenzene	<0.339		5.47	0.339	ug/Kg	☼		06/11/13 17:18	1
1,1,1-Trichloroethane	<0.765		5.47	0.765	ug/Kg	☼		06/11/13 17:18	1
1,1,2-Trichloroethane	<0.547		5.47	0.547	ug/Kg	☼		06/11/13 17:18	1
Trichloroethene	<0.306		5.47	0.306	ug/Kg	☼		06/11/13 17:18	1
Trichlorofluoromethane	<0.547		5.47	0.547	ug/Kg	☼		06/11/13 17:18	1
1,2,3-Trichloropropane	<0.831		5.47	0.831	ug/Kg	☼		06/11/13 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.732		5.47	0.732	ug/Kg	☼		06/11/13 17:18	1
1,2,4-Trimethylbenzene	<0.219		5.47	0.219	ug/Kg	☼		06/11/13 17:18	1
1,3,5-Trimethylbenzene	<0.230		5.47	0.230	ug/Kg	☼		06/11/13 17:18	1
Vinyl acetate	<1.20		5.47	1.20	ug/Kg	☼		06/11/13 17:18	1
Vinyl chloride	<0.656		5.47	0.656	ug/Kg	☼		06/11/13 17:18	1
Xylenes, Total	<0.547		16.4	0.547	ug/Kg	☼		06/11/13 17:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methanethiol	*13.1*	*T J N*	*ug/Kg*	☼	*1.39*	*74-93-1*		*06/11/13 17:18*	*1*

Client Sample ID: HCS 310
Date Collected: 06/10/13 09:20
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-1
Matrix: Solid
Percent Solids: 80.4

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
7-Hydroxy-7,8,9,10-tetramethyl-7,8-dihyd	7.87	T J N	ug/Kg	☼	15.12	1000110-34-9		06/11/13 17:18	1
Cyclotrisiloxane, hexamethyl-	383	T J N	ug/Kg	☼	18.29	541-5-9		06/11/13 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		61 - 136		06/11/13 17:18	1
Dibromofluoromethane (Surr)	105		50 - 136		06/11/13 17:18	1
1,2-Dichloroethane-d4 (Surr)	111		65 - 152		06/11/13 17:18	1
Toluene-d8 (Surr)	91		65 - 139		06/11/13 17:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Acenaphthylene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Anthracene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Benzo[a]anthracene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Benzo[a]pyrene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Benzo[b]fluoranthene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Benzo[g,h,i]perylene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Benzo[k]fluoranthene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Benzyl alcohol	<307		4130	307	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Bis(2-chloroethoxy)methane	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Bis(2-chloroethyl)ether	<468		4130	468	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Bis(2-ethylhexyl) phthalate	**1220**	**J**	4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
4-Bromophenyl phenyl ether	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Butyl benzyl phthalate	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
4-Chloroaniline	<584		4130	584	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
4-Chloro-3-methylphenol	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2-Chloronaphthalene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2-Chlorophenol	<348		4130	348	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
4-Chlorophenyl phenyl ether	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Chrysene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Dibenz(a,h)anthracene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Dibenzofuran	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
1,2-Dichlorobenzene	<653		4130	653	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
1,3-Dichlorobenzene	<549		4130	549	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
1,4-Dichlorobenzene	<574		4130	574	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
3,3'-Dichlorobenzidine	<626		4130	626	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2,4-Dichlorophenol	<286		4130	286	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Diethyl phthalate	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2,4-Dimethylphenol	<256		4130	256	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Dimethyl phthalate	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Di-n-butyl phthalate	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
4,6-Dinitro-2-methylphenol	<626		4130	626	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2,4-Dinitrophenol	<1250		4130	1250	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2,4-Dinitrotoluene	<264		4130	264	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2,6-Dinitrotoluene	<626		4130	626	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Di-n-octyl phthalate	<234		4130	234	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Fluoranthene	**546**	**J**	4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Fluorene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1

Client Sample ID: HCS 310
Date Collected: 06/10/13 09:20
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-1
Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Hexachlorobutadiene	<560		4130	560	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Hexachlorocyclopentadiene	<1250		4130	1250	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Hexachloroethane	<627		4130	627	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Indeno[1,2,3-cd]pyrene	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Isophorone	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2-Methylnaphthalene	<390		4130	390	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2-Methylphenol	<413		4130	413	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
3 & 4 Methylphenol	<626		8390	626	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Naphthalene	<522		4130	522	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2-Nitroaniline	<278		4130	278	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
3-Nitroaniline	<626		4130	626	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
4-Nitroaniline	<352		4130	352	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Nitrobenzene	<456		4130	456	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2-Nitrophenol	<213		4130	213	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
4-Nitrophenol	<382		4130	382	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
N-Nitrosodi-n-propylamine	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
N-Nitrosodiphenylamine	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Pentachlorophenol	<1250		4130	1250	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Phenanthrene	**329**	**J**	4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Phenol	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
Pyrene	**354**	**J**	4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
1,2,4-Trichlorobenzene	<572		4130	572	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2,4,5-Trichlorophenol	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1
2,4,6-Trichlorophenol	<209		4130	209	ug/Kg	☼	06/17/13 12:00	06/20/13 15:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2840*	*T J*	*ug/Kg*	☼	*5.05*		*06/17/13 12:00*	*06/20/13 15:22*	*1*
unused surrogate	*29300*	*T J*	*ug/Kg*	☼	*6.28*		*06/17/13 12:00*	*06/20/13 15:22*	*1*
Trifluoroacetic acid, n-octadecyl ester	*5360*	*T J N*	*ug/Kg*	☼	*15.87*	*1000216-79-4*	*06/17/13 12:00*	*06/20/13 15:22*	*1*
Vitamin E	*2270*	*T J N*	*ug/Kg*	☼	*18.93*	*59-02-9*	*06/17/13 12:00*	*06/20/13 15:22*	*1*
.gamma.-Sitosterol	*7830*	*T J N*	*ug/Kg*	☼	*20.74*	*83-47-6*	*06/17/13 12:00*	*06/20/13 15:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*57 - 130*	*06/17/13 12:00*	*06/20/13 15:22*	*1*
2-Fluorophenol	*81*		*48 - 130*	*06/17/13 12:00*	*06/20/13 15:22*	*1*
Nitrobenzene-d5	*76*		*48 - 130*	*06/17/13 12:00*	*06/20/13 15:22*	*1*
Phenol-d5	*82*		*56 - 130*	*06/17/13 12:00*	*06/20/13 15:22*	*1*
Terphenyl-d14	*72*		*58 - 130*	*06/17/13 12:00*	*06/20/13 15:22*	*1*
2,4,6-Tribromophenol	*94*		*30 - 131*	*06/17/13 12:00*	*06/20/13 15:22*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.115		2.08	0.115	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
4,4'-DDD	**0.922**	**J**	4.04	0.109	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
4,4'-DDE	**1.36**	**J**	4.04	0.104	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
4,4'-DDT	<0.159		4.04	0.159	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Aldrin	<0.0587		2.08	0.0587	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
alpha-BHC	<0.343		2.08	0.343	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1

Client Sample ID: HCS 310
Date Collected: 06/10/13 09:20
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-1
Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlordane	**0.531**	**J**	2.08	0.0698	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
beta-BHC	<0.0869		2.08	0.0869	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Dieldrin	**0.205**	**J**	4.04	0.0416	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Endosulfan I	<0.0428		2.08	0.0428	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Endosulfan II	<0.104		4.04	0.104	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Endosulfan sulfate	<0.196		4.04	0.196	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Endrin	<0.110		4.04	0.110	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Endrin aldehyde	<0.147		4.04	0.147	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Endrin ketone	<0.147		4.04	0.147	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
gamma-BHC (Lindane)	<0.0477		2.08	0.0477	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
gamma-Chlordane	**0.611**	**J p**	2.08	0.103	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Heptachlor	<0.147		2.08	0.147	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Heptachlor epoxide	<0.0698		2.08	0.0698	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Methoxychlor	<0.100		20.8	0.100	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Toxaphene	<8.20		208	8.20	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1
Chlordane (technical)	**5.35**	**J p**	20.8	3.06	ug/Kg	☼	06/14/13 10:27	06/17/13 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*21*	*X*	*30 - 138*	*06/14/13 10:27*	*06/17/13 17:18*	*1*
Tetrachloro-m-xylene	*32*		*30 - 130*	*06/14/13 10:27*	*06/17/13 17:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1221	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1232	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1242	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1248	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1254	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1260	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1262	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5
Aroclor 1268	<0.0316		0.205	0.0316	mg/Kg	☼	06/12/13 10:30	06/14/13 14:51	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*57 - 138*	*06/12/13 10:30*	*06/14/13 14:51*	*5*
Tetrachloro-m-xylene	*119*		*32 - 132*	*06/12/13 10:30*	*06/14/13 14:51*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<18.4	*	80.8	18.4	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Bolstar	<5.75		40.4	5.75	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Chlorpyrifos	<8.32		40.4	8.32	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Coumaphos	<26.9		404	26.9	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Demeton-O	<3.18		102	3.18	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Demeton-S	<6.85		102	6.85	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Diazinon	<6.98		40.4	6.98	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Dichlorvos	<7.83		80.8	7.83	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Dimethoate	<10.8		80.8	10.8	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Disulfoton	<19.6		80.8	19.6	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
EPN	<5.51		40.4	5.51	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1

Client Sample ID: HCS 310
Date Collected: 06/10/13 09:20
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-1
Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	<10.2		80.8	10.2	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Fensulfothion	<14.7		404	14.7	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Fenthion	<5.75		40.4	5.75	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Malathion	<10.0		40.4	10.0	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Merphos	<13.5		40.4	13.5	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Methyl parathion	<6.61		20.8	6.61	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Mevinphos	<5.63		80.8	5.63	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Ethoprop	<5.14		20.8	5.14	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Monochrotophos	<56.3		404	56.3	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Naled	<26.9		404	26.9	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Ethyl Parathion	<6.73		40.4	6.73	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Phorate	<6.61		40.4	6.61	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Ronnel	<5.14		40.4	5.14	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Stirophos	<7.83		40.4	7.83	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Sulfotepp	<10.5		20.8	10.5	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Thionazin	<12.2		40.4	12.2	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Tokuthion	<6.61		40.4	6.61	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1
Trichloronate	<9.30		404	9.30	ug/Kg	☼	06/14/13 10:27	06/21/13 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*48*		*35 - 134*	*06/14/13 10:27*	*06/21/13 15:49*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<6.18		10.3	6.18	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
Dalapon	<3.59		408	3.59	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
2,4-DB	<3.71		10.3	3.71	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
Dicamba	<2.35		10.3	2.35	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
Dichlorprop	<1.36		10.3	1.36	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
Dinoseb	<5.69		124	5.69	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
MCPA	<235		2470	235	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
Mecoprop	<210		2470	210	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
Pentachlorophenol	<0.519		10.3	0.519	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
Silvex (2,4,5-TP)	<1.98		10.3	1.98	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1
2,4,5-T	<2.84		10.3	2.84	ug/Kg	☼	06/18/13 08:26	06/19/13 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*69*	*p*	*35 - 137*	*06/18/13 08:26*	*06/19/13 22:22*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**256**		13.5	4.28	mg/Kg	☼	06/21/13 10:15	06/25/13 11:25	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**532**		1.78	0.856	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Calcium	**299000**		891	492	mg/Kg	☼	06/19/13 11:15	06/21/13 19:46	50
Antimony	<0.0685		0.178	0.0685	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Potassium	<175		356	175	mg/Kg	☼	06/19/13 11:15	06/21/13 19:29	10
Arsenic	**2.05**		1.78	0.356	mg/Kg	☼	06/19/13 11:15	06/21/13 19:29	10
Magnesium	**1730**		17.8	3.90	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1

Client Sample ID: HCS 310

Date Collected: 06/10/13 09:20
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-1

Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	6.68		0.178	0.0777	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Sodium	26.0	J	35.6	20.0	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Beryllium	0.0675	J	0.178	0.0625	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Strontium	146		0.178	0.0436	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Cadmium	0.0773	J	0.178	0.0514	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Chromium	2.17		0.178	0.0799	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Copper	1.88		0.356	0.126	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Iron	1140		17.8	3.94	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Lead	3.99		0.356	0.146	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Manganese	25.7		1.78	0.430	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1
Nickel	4.17		1.78	0.948	mg/Kg	☼	06/19/13 11:15	06/21/13 19:29	10
Selenium	<0.310		1.78	0.310	mg/Kg	☼	06/19/13 11:15	06/21/13 19:29	10
Silver	<0.489		1.78	0.489	mg/Kg	☼	06/19/13 11:15	06/21/13 19:29	10
Thallium	<0.491		1.78	0.491	mg/Kg	☼	06/19/13 11:15	06/21/13 19:29	10
Zinc	32.5		0.891	0.548	mg/Kg	☼	06/19/13 11:15	06/20/13 21:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0106		0.118	0.0106	mg/Kg	☼	06/13/13 10:20	06/13/13 18:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	99.8		23.0	12.6	mg/Kg	☼	06/21/13 16:30	06/24/13 20:06	1
Total Organic Carbon	13300		1870	336	mg/Kg	☼		06/25/13 13:20	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.37		0.100	0.100	SU			06/17/13 08:45	1
Percent Moisture	20		0.10	0.10	%			06/11/13 14:44	1
Percent Solids	80		0.10	0.10	%			06/11/13 14:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.5	J	124	13.1	mg/Kg	☼		06/13/13 04:13	10
Nitrate as N	<6.92		62.2	6.92	mg/Kg	☼		06/13/13 04:13	10
Sulfate	127		124	108	mg/Kg	☼		06/13/13 04:13	10
Bromide	<7.66		124	7.66	mg/Kg	☼		06/13/13 04:13	10
Fluoride	1.34		1.24	0.249	mg/Kg	☼		06/24/13 11:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	2340		156	156	mg/Kg	☼		06/21/13 15:00	1
Bicarbonate Alkalinity as CaCO3	2260		156	156	mg/Kg	☼		06/21/13 15:00	1
Carbonate Alkalinity as CaCO3	<156		156	156	mg/Kg	☼		06/21/13 15:00	1

Client Sample ID: HCS 320

Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2

Matrix: Solid
Percent Solids: 63.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12.8	J	70.3	10.1	ug/Kg	☼		06/11/13 17:45	1
Acetonitrile	<52.0		70.3	52.0	ug/Kg	☼		06/11/13 17:45	1
Benzene	<0.323		7.03	0.323	ug/Kg	☼		06/11/13 17:45	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 320
Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2
Matrix: Solid
Percent Solids: 63.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	<0.703		7.03	0.703	ug/Kg	☼		06/11/13 17:45	1
Bromobenzene	<1.04		7.03	1.04	ug/Kg	☼		06/11/13 17:45	1
Bromochloromethane	<1.26		7.03	1.26	ug/Kg	☼		06/11/13 17:45	1
Bromoform	<0.717		7.03	0.717	ug/Kg	☼		06/11/13 17:45	1
Bromomethane	<1.55		7.03	1.55	ug/Kg	☼		06/11/13 17:45	1
1,3-Butadiene	<0.337		7.03	0.337	ug/Kg	☼		06/11/13 17:45	1
2-Butanone (MEK)	<2.67		14.1	2.67	ug/Kg	☼		06/11/13 17:45	1
Carbon disulfide	<1.41		7.03	1.41	ug/Kg	☼		06/11/13 17:45	1
Carbon tetrachloride	<0.717		7.03	0.717	ug/Kg	☼		06/11/13 17:45	1
Chlorobenzene	<0.323		7.03	0.323	ug/Kg	☼		06/11/13 17:45	1
2-Chloro-1,3-butadiene	<0.970		7.03	0.970	ug/Kg	☼		06/11/13 17:45	1
Chlorodibromomethane	<0.900		7.03	0.900	ug/Kg	☼		06/11/13 17:45	1
Chloroethane	<0.365		7.03	0.365	ug/Kg	☼		06/11/13 17:45	1
Chloroform	<1.22		7.03	1.22	ug/Kg	☼		06/11/13 17:45	1
1-Chlorohexane	<0.773		7.03	0.773	ug/Kg	☼		06/11/13 17:45	1
Chloromethane	<1.69		7.03	1.69	ug/Kg	☼		06/11/13 17:45	1
3-Chloro-1-propene	<1.38		7.03	1.38	ug/Kg	☼		06/11/13 17:45	1
2-Chlorotoluene	<0.309		7.03	0.309	ug/Kg	☼		06/11/13 17:45	1
4-Chlorotoluene	<0.970		7.03	0.970	ug/Kg	☼		06/11/13 17:45	1
cis-1,4-Dichloro-2-butene	<0.450		7.03	0.450	ug/Kg	☼		06/11/13 17:45	1
cis-1,2-Dichloroethene	<0.801		7.03	0.801	ug/Kg	☼		06/11/13 17:45	1
cis-1,3-Dichloropropene	<0.198		7.03	0.198	ug/Kg	☼		06/11/13 17:45	1
Cyclohexane	<1.39		14.1	1.39	ug/Kg	☼		06/11/13 17:45	1
Cyclohexanone	<14.1		141	14.1	ug/Kg	☼		06/11/13 17:45	1
1,2-Dibromo-3-Chloropropane	<0.464		7.03	0.464	ug/Kg	☼		06/11/13 17:45	1
Dibromomethane	<0.998		7.03	0.998	ug/Kg	☼		06/11/13 17:45	1
1,2-Dichlorobenzene	<0.351		7.03	0.351	ug/Kg	☼		06/11/13 17:45	1
1,3-Dichlorobenzene	<0.436		7.03	0.436	ug/Kg	☼		06/11/13 17:45	1
1,4-Dichlorobenzene	<0.450		7.03	0.450	ug/Kg	☼		06/11/13 17:45	1
Dichlorobromomethane	<0.267		7.03	0.267	ug/Kg	☼		06/11/13 17:45	1
Dichlorodifluoromethane	<1.03		7.03	1.03	ug/Kg	☼		06/11/13 17:45	1
1,1-Dichloroethane	<0.829		7.03	0.829	ug/Kg	☼		06/11/13 17:45	1
1,2-Dichloroethane	<0.731		7.03	0.731	ug/Kg	☼		06/11/13 17:45	1
1,1-Dichloroethene	<0.267		7.03	0.267	ug/Kg	☼		06/11/13 17:45	1
1,2-Dichloroethene, Total	<0.703		7.03	0.703	ug/Kg	☼		06/11/13 17:45	1
1,2-Dichloropropane	<0.211		7.03	0.211	ug/Kg	☼		06/11/13 17:45	1
1,3-Dichloropropane	<0.337		7.03	0.337	ug/Kg	☼		06/11/13 17:45	1
2,2-Dichloropropane	<1.18		7.03	1.18	ug/Kg	☼		06/11/13 17:45	1
1,1-Dichloropropene	<0.731		7.03	0.731	ug/Kg	☼		06/11/13 17:45	1
1,4-Dioxane	<26.7		141	26.7	ug/Kg	☼		06/11/13 17:45	1
EDB	<0.239		7.03	0.239	ug/Kg	☼		06/11/13 17:45	1
Ethyl acetate	<3.95		7.03	3.95	ug/Kg	☼		06/11/13 17:45	1
Ethylbenzene	<0.632		7.03	0.632	ug/Kg	☼		06/11/13 17:45	1
Ethylene oxide	<22.5		56.2	22.5	ug/Kg	☼		06/11/13 17:45	1
Ethyl ether	<0.239		7.03	0.239	ug/Kg	☼		06/11/13 17:45	1
Ethyl methacrylate	<0.717		7.03	0.717	ug/Kg	☼		06/11/13 17:45	1
Hexachlorobutadiene	<0.900	*	7.03	0.900	ug/Kg	☼		06/11/13 17:45	1
Hexane	<1.83		7.03	1.83	ug/Kg	☼		06/11/13 17:45	1
2-Hexanone	<2.11		14.1	2.11	ug/Kg	☼		06/11/13 17:45	1

Client Sample ID: HCS 320
Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2
Matrix: Solid
Percent Solids: 63.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	<1.12		7.03	1.12	ug/Kg	☼		06/11/13 17:45	1
Isobutyl alcohol	<95.6		141	95.6	ug/Kg	☼		06/11/13 17:45	1
Isooctane	<0.225		7.03	0.225	ug/Kg	☼		06/11/13 17:45	1
Isopropylbenzene	<0.197		7.03	0.197	ug/Kg	☼		06/11/13 17:45	1
4-Isopropyltoluene	<0.295		7.03	0.295	ug/Kg	☼		06/11/13 17:45	1
Methacrylonitrile	<3.37		70.3	3.37	ug/Kg	☼		06/11/13 17:45	1
Methylene Chloride	<7.03		35.1	7.03	ug/Kg	☼		06/11/13 17:45	1
Methyl methacrylate	<1.55		7.03	1.55	ug/Kg	☼		06/11/13 17:45	1
4-Methyl-2-pentanone (MIBK)	<2.11		14.1	2.11	ug/Kg	☼		06/11/13 17:45	1
Methyl tert-butyl ether	<0.857		7.03	0.857	ug/Kg	☼		06/11/13 17:45	1
m-Xylene & p-Xylene	<0.703		14.1	0.703	ug/Kg	☼		06/11/13 17:45	1
Naphthalene	<1.69		14.1	1.69	ug/Kg	☼		06/11/13 17:45	1
n-Butylbenzene	<0.379		7.03	0.379	ug/Kg	☼		06/11/13 17:45	1
n-Heptane	<0.745		7.03	0.745	ug/Kg	☼		06/11/13 17:45	1
2-Nitropropane	<0.731		7.03	0.731	ug/Kg	☼		06/11/13 17:45	1
N-Propylbenzene	<0.295		7.03	0.295	ug/Kg	☼		06/11/13 17:45	1
1-Octene	<0.703		7.03	0.703	ug/Kg	☼		06/11/13 17:45	1
o-Xylene	<0.309		7.03	0.309	ug/Kg	☼		06/11/13 17:45	1
Pentachloroethane	<1.97		7.03	1.97	ug/Kg	☼		06/11/13 17:45	1
Propionitrile	<6.89		70.3	6.89	ug/Kg	☼		06/11/13 17:45	1
sec-Butylbenzene	<0.281		7.03	0.281	ug/Kg	☼		06/11/13 17:45	1
Styrene	<0.281		7.03	0.281	ug/Kg	☼		06/11/13 17:45	1
tert-Butylbenzene	<0.351		7.03	0.351	ug/Kg	☼		06/11/13 17:45	1
1,1,1,2-Tetrachloroethane	<0.379		7.03	0.379	ug/Kg	☼		06/11/13 17:45	1
1,1,2,2-Tetrachloroethane	<0.534		7.03	0.534	ug/Kg	☼		06/11/13 17:45	1
Tetrachloroethene	<1.04		7.03	1.04	ug/Kg	☼		06/11/13 17:45	1
Toluene	<1.26		7.03	1.26	ug/Kg	☼		06/11/13 17:45	1
trans-1,4-Dichloro-2-butene	<1.24		7.03	1.24	ug/Kg	☼		06/11/13 17:45	1
trans-1,2-Dichloroethene	<0.703		7.03	0.703	ug/Kg	☼		06/11/13 17:45	1
trans-1,3-Dichloropropene	<0.731		7.03	0.731	ug/Kg	☼		06/11/13 17:45	1
1,2,3-Trichlorobenzene	<0.618		7.03	0.618	ug/Kg	☼		06/11/13 17:45	1
1,2,4-Trichlorobenzene	<1.36		7.03	1.36	ug/Kg	☼		06/11/13 17:45	1
1,3,5-Trichlorobenzene	<0.436		7.03	0.436	ug/Kg	☼		06/11/13 17:45	1
1,1,1-Trichloroethane	<0.984		7.03	0.984	ug/Kg	☼		06/11/13 17:45	1
1,1,2-Trichloroethane	<0.703		7.03	0.703	ug/Kg	☼		06/11/13 17:45	1
Trichloroethene	<0.394		7.03	0.394	ug/Kg	☼		06/11/13 17:45	1
Trichlorofluoromethane	<0.703		7.03	0.703	ug/Kg	☼		06/11/13 17:45	1
1,2,3-Trichloropropane	<1.07		7.03	1.07	ug/Kg	☼		06/11/13 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.942		7.03	0.942	ug/Kg	☼		06/11/13 17:45	1
1,2,4-Trimethylbenzene	<0.281		7.03	0.281	ug/Kg	☼		06/11/13 17:45	1
1,3,5-Trimethylbenzene	<0.295		7.03	0.295	ug/Kg	☼		06/11/13 17:45	1
Vinyl acetate	<1.55		7.03	1.55	ug/Kg	☼		06/11/13 17:45	1
Vinyl chloride	<0.843		7.03	0.843	ug/Kg	☼		06/11/13 17:45	1
Xylenes, Total	<0.703		21.1	0.703	ug/Kg	☼		06/11/13 17:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*694*	*T J N*	*ug/Kg*	☼	*17.62*	*541-5-9*		*06/11/13 17:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*61 - 136*		*06/11/13 17:45*	*1*

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 320
Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2
Matrix: Solid
Percent Solids: 63.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*103*		*50 - 136*		*06/11/13 17:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 152*		*06/11/13 17:45*	*1*
Toluene-d8 (Surr)	*94*		*65 - 139*		*06/11/13 17:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Acenaphthylene	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Anthracene	**337**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Benzo[a]anthracene	**1150**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Benzo[a]pyrene	**1100**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Benzo[b]fluoranthene	**1270**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Benzo[g,h,i]perylene	**829**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Benzo[k]fluoranthene	**543**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Benzyl alcohol	<385		5180	385	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Bis(2-chloroethoxy)methane	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Bis(2-chloroethyl)ether	<588		5180	588	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Bis(2-ethylhexyl) phthalate	**291**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
4-Bromophenyl phenyl ether	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Butyl benzyl phthalate	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
4-Chloroaniline	<732		5180	732	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
4-Chloro-3-methylphenol	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2-Chloronaphthalene	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2-Chlorophenol	<437		5180	437	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
4-Chlorophenyl phenyl ether	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Chrysene	**1170**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Dibenz(a,h)anthracene	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Dibenzofuran	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
1,2-Dichlorobenzene	<818		5180	818	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
1,3-Dichlorobenzene	<688		5180	688	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
1,4-Dichlorobenzene	<720		5180	720	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
3,3'-Dichlorobenzidine	<785		5180	785	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2,4-Dichlorophenol	<358		5180	358	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Diethyl phthalate	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2,4-Dimethylphenol	<320		5180	320	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Dimethyl phthalate	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Di-n-butyl phthalate	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
4,6-Dinitro-2-methylphenol	<785		5180	785	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2,4-Dinitrophenol	<1570		5180	1570	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2,4-Dinitrotoluene	<331		5180	331	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2,6-Dinitrotoluene	<785		5180	785	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Di-n-octyl phthalate	<294		5180	294	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Fluoranthene	**2950**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Fluorene	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Hexachlorobenzene	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Hexachlorobutadiene	<702		5180	702	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Hexachlorocyclopentadiene	<1570		5180	1570	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Hexachloroethane	<787		5180	787	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Indeno[1,2,3-cd]pyrene	**738**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1

Client Sample ID: HCS 320
Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2
Matrix: Solid
Percent Solids: 63.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2-Methylnaphthalene	<489		5180	489	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2-Methylphenol	<518		5180	518	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
3 & 4 Methylphenol	<785		10500	785	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Naphthalene	<655		5180	655	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2-Nitroaniline	<349		5180	349	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
3-Nitroaniline	<785		5180	785	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
4-Nitroaniline	<441		5180	441	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Nitrobenzene	<572		5180	572	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2-Nitrophenol	<267		5180	267	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
4-Nitrophenol	<479		5180	479	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
N-Nitrosodi-n-propylamine	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
N-Nitrosodiphenylamine	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Pentachlorophenol	<1570		5180	1570	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Phenanthrene	**1430**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Phenol	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
Pyrene	**2730**	**J**	5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
1,2,4-Trichlorobenzene	<718		5180	718	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2,4,5-Trichlorophenol	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1
2,4,6-Trichlorophenol	<262		5180	262	ug/Kg	☼	06/17/13 12:00	06/20/13 15:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4220*	*T J*	*ug/Kg*	☼	*5.05*		*06/17/13 12:00*	*06/20/13 15:50*	*1*
Phosphonic acid, dioctadecyl ester	*5550*	*T J N*	*ug/Kg*	☼	*15.87*	*19047-85-9*	*06/17/13 12:00*	*06/20/13 15:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*57 - 130*	*06/17/13 12:00*	*06/20/13 15:50*	*1*
2-Fluorophenol	*79*		*48 - 130*	*06/17/13 12:00*	*06/20/13 15:50*	*1*
Nitrobenzene-d5	*73*		*48 - 130*	*06/17/13 12:00*	*06/20/13 15:50*	*1*
Phenol-d5	*80*		*56 - 130*	*06/17/13 12:00*	*06/20/13 15:50*	*1*
Terphenyl-d14	*74*		*58 - 130*	*06/17/13 12:00*	*06/20/13 15:50*	*1*
2,4,6-Tribromophenol	*92*		*30 - 131*	*06/17/13 12:00*	*06/20/13 15:50*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.144		2.60	0.144	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
4,4'-DDD	**0.196**	**J**	5.05	0.136	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
4,4'-DDE	**0.213**	**J p**	5.05	0.130	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
4,4'-DDT	<0.199		5.05	0.199	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Aldrin	<0.0735		2.60	0.0735	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
alpha-BHC	<0.429		2.60	0.429	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
alpha-Chlordane	**0.0956**	**J**	2.60	0.0872	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
beta-BHC	<0.109		2.60	0.109	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Dieldrin	<0.0520		5.05	0.0520	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Endosulfan I	<0.0536		2.60	0.0536	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Endosulfan II	<0.130		5.05	0.130	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Endosulfan sulfate	<0.245		5.05	0.245	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Endrin	<0.138		5.05	0.138	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Endrin aldehyde	<0.184		5.05	0.184	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Endrin ketone	<0.184		5.05	0.184	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1

Client Sample ID: HCS 320
Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2
Matrix: Solid
Percent Solids: 63.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	<0.0597		2.60	0.0597	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
gamma-Chlordane	**0.240**	**J p**	2.60	0.129	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Heptachlor	<0.184		2.60	0.184	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Heptachlor epoxide	<0.0872		2.60	0.0872	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Methoxychlor	<0.126		26.0	0.126	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Toxaphene	<10.3		260	10.3	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1
Chlordane (technical)	**4.39**	**J**	26.0	3.83	ug/Kg	☼	06/14/13 10:27	06/17/13 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*30 - 138*	*06/14/13 10:27*	*06/17/13 17:04*	*1*
Tetrachloro-m-xylene	*43*		*30 - 130*	*06/14/13 10:27*	*06/17/13 17:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1221	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1232	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1242	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1248	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1254	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1260	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1262	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1
Aroclor 1268	<0.00797		0.0516	0.00797	mg/Kg	☼	06/12/13 10:30	06/14/13 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*57 - 138*	*06/12/13 10:30*	*06/14/13 15:32*	*1*
Tetrachloro-m-xylene	*114*		*32 - 132*	*06/12/13 10:30*	*06/14/13 15:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<23.0	*	101	23.0	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Bolstar	<7.19		50.5	7.19	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Chlorpyrifos	<10.4		50.5	10.4	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Coumaphos	<33.7		505	33.7	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Demeton-O	<3.98		127	3.98	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Demeton-S	<8.57		127	8.57	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Diazinon	<8.72		50.5	8.72	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Dichlorvos	<9.80		101	9.80	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Dimethoate	<13.5		101	13.5	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Disulfoton	<24.5		101	24.5	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
EPN	<6.89		50.5	6.89	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Famphur	<12.7		101	12.7	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Fensulfothion	<18.4		505	18.4	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Fenthion	<7.19		50.5	7.19	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Malathion	<12.6		50.5	12.6	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Merphos	<16.8		50.5	16.8	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Methyl parathion	<8.26		26.0	8.26	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Mevinphos	<7.04		101	7.04	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Ethoprop	<6.43		26.0	6.43	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Monochrotophos	<70.4		505	70.4	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1

Client Sample ID: HCS 320
Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2
Matrix: Solid
Percent Solids: 63.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naled	<33.7		505	33.7	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Ethyl Parathion	<8.42		50.5	8.42	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Phorate	<8.26		50.5	8.26	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Ronnel	<6.43		50.5	6.43	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Stirophos	<9.80		50.5	9.80	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Sulfotepp	<13.2		26.0	13.2	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Thionazin	<15.3		50.5	15.3	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Tokuthion	<8.26		50.5	8.26	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1
Trichloronate	<11.6		505	11.6	ug/Kg	☼	06/14/13 10:27	06/21/13 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*89*		*35 - 134*	*06/14/13 10:27*	*06/21/13 16:20*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<7.71		12.8	7.71	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
Dalapon	<4.47		509	4.47	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
2,4-DB	<4.63		12.8	4.63	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
Dicamba	<2.93		12.8	2.93	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
Dichlorprop	<1.70		12.8	1.70	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
Dinoseb	<7.09		154	7.09	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
MCPA	<293		3080	293	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
Mecoprop	<262		3080	262	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
Pentachlorophenol	<0.648		12.8	0.648	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
Silvex (2,4,5-TP)	<2.47		12.8	2.47	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1
2,4,5-T	<3.55		12.8	3.55	ug/Kg	☼	06/18/13 08:26	06/19/13 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*65*	*p*	*35 - 137*	*06/18/13 08:26*	*06/19/13 22:38*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**293**		18.3	5.79	mg/Kg	☼	06/21/13 10:15	06/25/13 11:29	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1810**		2.15	1.03	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Calcium	**162000**		429	237	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Antimony	<0.0825		0.215	0.0825	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Potassium	<421		858	421	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Arsenic	**1.03**	**J**	4.29	0.857	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Magnesium	**2120**		21.5	4.70	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Barium	**26.4**		0.215	0.0936	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Sodium	**334**		42.9	24.1	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Beryllium	<1.50		4.29	1.50	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Strontium	**300**		0.215	0.0524	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Cadmium	<1.24		4.29	1.24	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Chromium	**4.79**		0.215	0.0961	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Copper	<3.04		8.58	3.04	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Iron	**2550**		21.5	4.75	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Lead	**5.59**		0.429	0.176	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1

Client Sample ID: HCS 320

Date Collected: 06/10/13 11:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-2

Matrix: Solid
Percent Solids: 63.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	45.4		2.15	0.518	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1
Nickel	3.48	J	4.29	2.28	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Selenium	0.885	J	4.29	0.747	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Silver	<1.18		4.29	1.18	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Thallium	<1.18		4.29	1.18	mg/Kg	☼	06/19/13 11:15	06/21/13 19:51	20
Zinc	12.1		1.07	0.659	mg/Kg	☼	06/19/13 11:15	06/20/13 21:59	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0119	J	0.103	0.00931	mg/Kg	☼	06/13/13 10:20	06/13/13 18:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	276		30.2	16.6	mg/Kg	☼	06/21/13 16:30	06/24/13 20:07	1
Total Organic Carbon	7860		2350	423	mg/Kg	☼		06/25/13 13:20	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.48		0.100	0.100	SU			06/17/13 08:45	1
Percent Moisture	36		0.10	0.10	%			06/11/13 14:44	1
Percent Solids	64		0.10	0.10	%			06/11/13 14:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.6	J	157	16.4	mg/Kg	☼		06/13/13 04:35	10
Nitrate as N	<8.71		78.3	8.71	mg/Kg	☼		06/13/13 04:35	10
Sulfate	155	J	157	135	mg/Kg	☼		06/13/13 04:35	10
Bromide	<9.65		157	9.65	mg/Kg	☼		06/13/13 04:35	10
Fluoride	1.72		1.57	0.313	mg/Kg	☼		06/24/13 11:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	1110		196	196	mg/Kg	☼		06/21/13 15:00	1
Bicarbonate Alkalinity as CaCO3	1020		196	196	mg/Kg	☼		06/21/13 15:00	1
Carbonate Alkalinity as CaCO3	<196		196	196	mg/Kg	☼		06/21/13 15:00	1

Client Sample ID: HCS 340

Date Collected: 06/10/13 14:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-3

Matrix: Solid
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<56.8		394	56.8	ug/Kg	☼		06/13/13 13:55	1
Acetonitrile	<292		394	292	ug/Kg	☼		06/13/13 13:55	1
Benzene	<1.81		39.4	1.81	ug/Kg	☼		06/13/13 13:55	1
Benzyl chloride	<3.94		39.4	3.94	ug/Kg	☼		06/13/13 13:55	1
Bromobenzene	<5.83		39.4	5.83	ug/Kg	☼		06/13/13 13:55	1
Bromochloromethane	<7.09		39.4	7.09	ug/Kg	☼		06/13/13 13:55	1
Bromoform	<4.02		39.4	4.02	ug/Kg	☼		06/13/13 13:55	1
Bromomethane	<8.67		39.4	8.67	ug/Kg	☼		06/13/13 13:55	1
1,3-Butadiene	<1.89		39.4	1.89	ug/Kg	☼		06/13/13 13:55	1
2-Butanone (MEK)	<15.0		78.8	15.0	ug/Kg	☼		06/13/13 13:55	1
Carbon disulfide	<7.88		39.4	7.88	ug/Kg	☼		06/13/13 13:55	1
Carbon tetrachloride	<4.02		39.4	4.02	ug/Kg	☼		06/13/13 13:55	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 340
Date Collected: 06/10/13 14:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-3
Matrix: Solid
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<1.81		39.4	1.81	ug/Kg	☼		06/13/13 13:55	1
2-Chloro-1,3-butadiene	<5.44		39.4	5.44	ug/Kg	☼		06/13/13 13:55	1
Chlorodibromomethane	<5.04		39.4	5.04	ug/Kg	☼		06/13/13 13:55	1
Chloroethane	<2.05		39.4	2.05	ug/Kg	☼		06/13/13 13:55	1
Chloroform	<6.86		39.4	6.86	ug/Kg	☼		06/13/13 13:55	1
1-Chlorohexane	<4.34		39.4	4.34	ug/Kg	☼		06/13/13 13:55	1
Chloromethane	<9.46		39.4	9.46	ug/Kg	☼		06/13/13 13:55	1
3-Chloro-1-propene	<7.73		39.4	7.73	ug/Kg	☼		06/13/13 13:55	1
2-Chlorotoluene	<1.73		39.4	1.73	ug/Kg	☼		06/13/13 13:55	1
4-Chlorotoluene	<5.44		39.4	5.44	ug/Kg	☼		06/13/13 13:55	1
cis-1,4-Dichloro-2-butene	<2.52		39.4	2.52	ug/Kg	☼		06/13/13 13:55	1
cis-1,2-Dichloroethene	<4.49		39.4	4.49	ug/Kg	☼		06/13/13 13:55	1
cis-1,3-Dichloropropene	<1.11		39.4	1.11	ug/Kg	☼		06/13/13 13:55	1
Cyclohexane	<7.80		78.8	7.80	ug/Kg	☼		06/13/13 13:55	1
Cyclohexanone	<78.8		788	78.8	ug/Kg	☼		06/13/13 13:55	1
1,2-Dibromo-3-Chloropropane	<2.60		39.4	2.60	ug/Kg	☼		06/13/13 13:55	1
Dibromomethane	<5.60		39.4	5.60	ug/Kg	☼		06/13/13 13:55	1
1,2-Dichlorobenzene	<1.97		39.4	1.97	ug/Kg	☼		06/13/13 13:55	1
1,3-Dichlorobenzene	<2.44		39.4	2.44	ug/Kg	☼		06/13/13 13:55	1
1,4-Dichlorobenzene	<2.52		39.4	2.52	ug/Kg	☼		06/13/13 13:55	1
Dichlorobromomethane	<1.50		39.4	1.50	ug/Kg	☼		06/13/13 13:55	1
Dichlorodifluoromethane	<5.75		39.4	5.75	ug/Kg	☼		06/13/13 13:55	1
1,1-Dichloroethane	<4.65		39.4	4.65	ug/Kg	☼		06/13/13 13:55	1
1,2-Dichloroethane	<4.10		39.4	4.10	ug/Kg	☼		06/13/13 13:55	1
1,1-Dichloroethene	<1.50		39.4	1.50	ug/Kg	☼		06/13/13 13:55	1
1,2-Dichloroethene, Total	<3.94		39.4	3.94	ug/Kg	☼		06/13/13 13:55	1
1,2-Dichloropropane	<1.18		39.4	1.18	ug/Kg	☼		06/13/13 13:55	1
1,3-Dichloropropane	<1.89		39.4	1.89	ug/Kg	☼		06/13/13 13:55	1
2,2-Dichloropropane	<6.62		39.4	6.62	ug/Kg	☼		06/13/13 13:55	1
1,1-Dichloropropene	<4.10		39.4	4.10	ug/Kg	☼		06/13/13 13:55	1
1,4-Dioxane	<150		788	150	ug/Kg	☼		06/13/13 13:55	1
EDB	<1.34		39.4	1.34	ug/Kg	☼		06/13/13 13:55	1
Ethyl acetate	<22.2		39.4	22.2	ug/Kg	☼		06/13/13 13:55	1
Ethylbenzene	<3.55		39.4	3.55	ug/Kg	☼		06/13/13 13:55	1
Ethylene oxide	<126		315	126	ug/Kg	☼		06/13/13 13:55	1
Ethyl ether	<1.34		39.4	1.34	ug/Kg	☼		06/13/13 13:55	1
Ethyl methacrylate	<4.02		39.4	4.02	ug/Kg	☼		06/13/13 13:55	1
Hexachlorobutadiene	<5.04		39.4	5.04	ug/Kg	☼		06/13/13 13:55	1
Hexane	<10.2		39.4	10.2	ug/Kg	☼		06/13/13 13:55	1
2-Hexanone	<11.8		78.8	11.8	ug/Kg	☼		06/13/13 13:55	1
Iodomethane	<6.31		39.4	6.31	ug/Kg	☼		06/13/13 13:55	1
Isobutyl alcohol	<536		788	536	ug/Kg	☼		06/13/13 13:55	1
Isooctane	<1.26		39.4	1.26	ug/Kg	☼		06/13/13 13:55	1
Isopropylbenzene	<1.10		39.4	1.10	ug/Kg	☼		06/13/13 13:55	1
4-Isopropyltoluene	<1.66		39.4	1.66	ug/Kg	☼		06/13/13 13:55	1
Methacrylonitrile	<18.9		394	18.9	ug/Kg	☼		06/13/13 13:55	1
Methylene Chloride	<39.4		197	39.4	ug/Kg	☼		06/13/13 13:55	1
Methyl methacrylate	<8.67		39.4	8.67	ug/Kg	☼		06/13/13 13:55	1
4-Methyl-2-pentanone (MIBK)	<11.8		78.8	11.8	ug/Kg	☼		06/13/13 13:55	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 340
Date Collected: 06/10/13 14:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-3
Matrix: Solid
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<4.81		39.4	4.81	ug/Kg	☼		06/13/13 13:55	1
m-Xylene & p-Xylene	<3.94		78.8	3.94	ug/Kg	☼		06/13/13 13:55	1
Naphthalene	<9.46		78.8	9.46	ug/Kg	☼		06/13/13 13:55	1
n-Butylbenzene	<2.13		39.4	2.13	ug/Kg	☼		06/13/13 13:55	1
n-Heptane	<4.18		39.4	4.18	ug/Kg	☼		06/13/13 13:55	1
2-Nitropropane	<4.10		39.4	4.10	ug/Kg	☼		06/13/13 13:55	1
N-Propylbenzene	<1.66		39.4	1.66	ug/Kg	☼		06/13/13 13:55	1
1-Octene	<3.94		39.4	3.94	ug/Kg	☼		06/13/13 13:55	1
o-Xylene	<1.73		39.4	1.73	ug/Kg	☼		06/13/13 13:55	1
Pentachloroethane	<11.0		39.4	11.0	ug/Kg	☼		06/13/13 13:55	1
Propionitrile	<38.6		394	38.6	ug/Kg	☼		06/13/13 13:55	1
sec-Butylbenzene	<1.58		39.4	1.58	ug/Kg	☼		06/13/13 13:55	1
Styrene	<1.58		39.4	1.58	ug/Kg	☼		06/13/13 13:55	1
tert-Butylbenzene	<1.97		39.4	1.97	ug/Kg	☼		06/13/13 13:55	1
1,1,1,2-Tetrachloroethane	<2.13		39.4	2.13	ug/Kg	☼		06/13/13 13:55	1
1,1,2,2-Tetrachloroethane	<3.00		39.4	3.00	ug/Kg	☼		06/13/13 13:55	1
Tetrachloroethene	<5.83		39.4	5.83	ug/Kg	☼		06/13/13 13:55	1
Toluene	<7.09		39.4	7.09	ug/Kg	☼		06/13/13 13:55	1
trans-1,4-Dichloro-2-butene	<6.94		39.4	6.94	ug/Kg	☼		06/13/13 13:55	1
trans-1,2-Dichloroethene	<3.94		39.4	3.94	ug/Kg	☼		06/13/13 13:55	1
trans-1,3-Dichloropropene	<4.10		39.4	4.10	ug/Kg	☼		06/13/13 13:55	1
1,2,3-Trichlorobenzene	<3.47		39.4	3.47	ug/Kg	☼		06/13/13 13:55	1
1,2,4-Trichlorobenzene	<7.65		39.4	7.65	ug/Kg	☼		06/13/13 13:55	1
1,3,5-Trichlorobenzene	<2.44		39.4	2.44	ug/Kg	☼		06/13/13 13:55	1
1,1,1-Trichloroethane	<5.52		39.4	5.52	ug/Kg	☼		06/13/13 13:55	1
1,1,2-Trichloroethane	<3.94		39.4	3.94	ug/Kg	☼		06/13/13 13:55	1
Trichloroethene	<2.21		39.4	2.21	ug/Kg	☼		06/13/13 13:55	1
Trichlorofluoromethane	<3.94		39.4	3.94	ug/Kg	☼		06/13/13 13:55	1
1,2,3-Trichloropropane	<5.99		39.4	5.99	ug/Kg	☼		06/13/13 13:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<5.28		39.4	5.28	ug/Kg	☼		06/13/13 13:55	1
1,2,4-Trimethylbenzene	<1.58		39.4	1.58	ug/Kg	☼		06/13/13 13:55	1
1,3,5-Trimethylbenzene	<1.66		39.4	1.66	ug/Kg	☼		06/13/13 13:55	1
Vinyl acetate	<8.67		39.4	8.67	ug/Kg	☼		06/13/13 13:55	1
Vinyl chloride	<4.73		39.4	4.73	ug/Kg	☼		06/13/13 13:55	1
Xylenes, Total	<3.94		118	3.94	ug/Kg	☼		06/13/13 13:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼				*06/13/13 13:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*61 - 136*		*06/13/13 13:55*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 136*		*06/13/13 13:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 152*		*06/13/13 13:55*	*1*
Toluene-d8 (Surr)	*99*		*65 - 139*		*06/13/13 13:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Acenaphthylene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Anthracene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: HCS 340
Date Collected: 06/10/13 14:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-3
Matrix: Solid
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Benzo[a]pyrene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Benzo[b]fluoranthene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Benzo[g,h,i]perylene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Benzo[k]fluoranthene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Benzyl alcohol	<444		5980	444	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Bis(2-chloroethoxy)methane	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Bis(2-chloroethyl)ether	<677		5980	677	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Bis(2-ethylhexyl) phthalate	**2610**	**J**	5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
4-Bromophenyl phenyl ether	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Butyl benzyl phthalate	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
4-Chloroaniline	<844		5980	844	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
4-Chloro-3-methylphenol	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2-Chloronaphthalene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2-Chlorophenol	<503		5980	503	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
4-Chlorophenyl phenyl ether	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Chrysene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Dibenz(a,h)anthracene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Dibenzofuran	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
1,2-Dichlorobenzene	<943		5980	943	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
1,3-Dichlorobenzene	<793		5980	793	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
1,4-Dichlorobenzene	<829		5980	829	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
3,3'-Dichlorobenzidine	<905		5980	905	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2,4-Dichlorophenol	<413		5980	413	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Diethyl phthalate	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2,4-Dimethylphenol	<369		5980	369	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Dimethyl phthalate	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Di-n-butyl phthalate	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
4,6-Dinitro-2-methylphenol	<905		5980	905	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2,4-Dinitrophenol	<1810		5980	1810	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2,4-Dinitrotoluene	<382		5980	382	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2,6-Dinitrotoluene	<905		5980	905	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Di-n-octyl phthalate	<339		5980	339	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Fluoranthene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Fluorene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Hexachlorobenzene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Hexachlorobutadiene	<809		5980	809	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Hexachlorocyclopentadiene	<1810		5980	1810	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Hexachloroethane	<907		5980	907	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Indeno[1,2,3-cd]pyrene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Isophorone	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2-Methylnaphthalene	<563		5980	563	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2-Methylphenol	<598		5980	598	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
3 & 4 Methylphenol	<905		12100	905	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Naphthalene	<755		5980	755	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2-Nitroaniline	<402		5980	402	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
3-Nitroaniline	<905		5980	905	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
4-Nitroaniline	<509		5980	509	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Nitrobenzene	<659		5980	659	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1

Client Sample ID: HCS 340
Date Collected: 06/10/13 14:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-3
Matrix: Solid
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<308		5980	308	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
4-Nitrophenol	<552		5980	552	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
N-Nitrosodi-n-propylamine	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
N-Nitrosodiphenylamine	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Pentachlorophenol	<1810		5980	1810	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Phenanthrene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Phenol	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
Pyrene	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
1,2,4-Trichlorobenzene	<827		5980	827	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2,4,5-Trichlorophenol	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1
2,4,6-Trichlorophenol	<302		5980	302	ug/Kg	☼	06/17/13 12:00	06/20/13 16:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4450*	*T J*	*ug/Kg*	☼	*5.05*		*06/17/13 12:00*	*06/20/13 16:17*	*1*
1-Docosene	*6780*	*T J N*	*ug/Kg*	☼	*15.87*	*1599-67-3*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
1-Docosene	*2530*	*T J N*	*ug/Kg*	☼	*16.61*	*1599-67-3*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
.gamma.-Sitosterol	*9980*	*T J N*	*ug/Kg*	☼	*20.74*	*83-47-6*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
Cycloheptane, 4-methylene-1-methyl-2-(2-	*3160*	*T J N*	*ug/Kg*	☼	*20.87*	*1000159-38-5*	*06/17/13 12:00*	*06/20/13 16:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*57 - 130*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
2-Fluorophenol	*79*		*48 - 130*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
Nitrobenzene-d5	*74*		*48 - 130*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
Phenol-d5	*79*		*56 - 130*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
Terphenyl-d14	*72*		*58 - 130*	*06/17/13 12:00*	*06/20/13 16:17*	*1*
2,4,6-Tribromophenol	*92*		*30 - 131*	*06/17/13 12:00*	*06/20/13 16:17*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.168		3.03	0.168	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
4,4'-DDD	**0.697**	**J**	5.89	0.159	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
4,4'-DDE	**1.56**	**J**	5.89	0.152	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
4,4'-DDT	<0.232		5.89	0.232	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Aldrin	<0.0857		3.03	0.0857	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
alpha-BHC	<0.500		3.03	0.500	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
alpha-Chlordane	<0.102		3.03	0.102	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
beta-BHC	<0.127		3.03	0.127	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Dieldrin	**0.534**	**J**	5.89	0.0607	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Endosulfan I	<0.0625		3.03	0.0625	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Endosulfan II	<0.152		5.89	0.152	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Endosulfan sulfate	<0.286		5.89	0.286	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Endrin	<0.161		5.89	0.161	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Endrin aldehyde	<0.214		5.89	0.214	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Endrin ketone	<0.214		5.89	0.214	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
gamma-BHC (Lindane)	<0.0696		3.03	0.0696	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
gamma-Chlordane	**0.675**	**J p**	3.03	0.150	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Heptachlor	<0.214		3.03	0.214	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Heptachlor epoxide	<0.102		3.03	0.102	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Methoxychlor	<0.146		30.3	0.146	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1

Client Sample ID: HCS 340
Date Collected: 06/10/13 14:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-3
Matrix: Solid
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<12.0		303	12.0	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1
Chlordane (technical)	11.0	J	30.3	4.46	ug/Kg	☼	06/14/13 10:27	06/17/13 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*30 - 138*	*06/14/13 10:27*	*06/17/13 16:49*	*1*
Tetrachloro-m-xylene	*40*		*30 - 130*	*06/14/13 10:27*	*06/17/13 16:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1221	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1232	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1242	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1248	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1254	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1260	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1262	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5
Aroclor 1268	<0.0466		0.301	0.0466	mg/Kg	☼	06/12/13 10:30	06/14/13 15:12	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*57 - 138*	*06/12/13 10:30*	*06/14/13 15:12*	*5*
Tetrachloro-m-xylene	*118*		*32 - 132*	*06/12/13 10:30*	*06/14/13 15:12*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<26.8	*	118	26.8	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Bolstar	<8.39		58.9	8.39	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Chlorpyrifos	<12.1		58.9	12.1	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Coumaphos	<39.3		589	39.3	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Demeton-O	<4.64		148	4.64	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Demeton-S	<9.99		148	9.99	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Diazinon	<10.2		58.9	10.2	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Dichlorvos	<11.4		118	11.4	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Dimethoate	<15.7		118	15.7	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Disulfoton	<28.6		118	28.6	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
EPN	<8.03		58.9	8.03	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Famphur	<14.8		118	14.8	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Fensulfothion	<21.4		589	21.4	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Fenthion	<8.39		58.9	8.39	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Malathion	<14.6		58.9	14.6	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Merphos	<19.6		58.9	19.6	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Methyl parathion	<9.64		30.3	9.64	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Mevinphos	<8.21		118	8.21	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Ethoprop	<7.50		30.3	7.50	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Monochrotophos	<82.1		589	82.1	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Naled	<39.3		589	39.3	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Ethyl Parathion	<9.82		58.9	9.82	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Phorate	<9.64		58.9	9.64	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Ronnel	<7.50		58.9	7.50	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Stirophos	<11.4		58.9	11.4	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1

Client Sample ID: HCS 340
Date Collected: 06/10/13 14:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-3
Matrix: Solid
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	<15.3		30.3	15.3	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Thionazin	<17.8		58.9	17.8	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Tokuthion	<9.64		58.9	9.64	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1
Trichloronate	<13.6		589	13.6	ug/Kg	☼	06/14/13 10:27	06/21/13 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*89*		*35 - 134*	*06/14/13 10:27*	*06/21/13 16:05*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<9.11		15.1	9.11	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
Dalapon	<5.28		601	5.28	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
2,4-DB	<5.46		15.1	5.46	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
Dicamba	<3.46		15.1	3.46	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
Dichlorprop	<2.00		15.1	2.00	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
Dinoseb	<8.38		182	8.38	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
MCPA	<346		3640	346	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
Mecoprop	<310		3640	310	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
Pentachlorophenol	<0.765		15.1	0.765	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
Silvex (2,4,5-TP)	<2.91		15.1	2.91	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1
2,4,5-T	<4.19		15.1	4.19	ug/Kg	☼	06/18/13 08:26	06/19/13 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*55*	*p*	*35 - 137*	*06/18/13 08:26*	*06/19/13 22:55*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**340**		19.4	6.13	mg/Kg	☼	06/21/13 10:15	06/25/13 11:33	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1940**		2.31	1.11	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Calcium	**299000**		462	255	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Antimony	<0.0888		0.231	0.0888	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Potassium	**505**		46.2	22.6	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Arsenic	**6.48**		4.62	0.922	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Magnesium	**2410**		462	101	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Barium	**34.7**		0.231	0.101	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Sodium	**313**		46.2	26.0	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Beryllium	<1.62		4.62	1.62	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Strontium	**357**		0.231	0.0565	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Cadmium	**12.2**		4.62	1.33	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Chromium	**7.10**		0.231	0.103	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Copper	**8.57**	**J**	9.24	3.27	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Iron	**4260**		23.1	5.11	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Lead	**10.0**		0.462	0.189	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Manganese	**55.3**		2.31	0.557	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1
Nickel	**27.1**		4.62	2.46	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Selenium	**4.20**	**J**	4.62	0.804	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Silver	<1.27		4.62	1.27	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20
Thallium	<1.27		4.62	1.27	mg/Kg	☼	06/19/13 11:15	06/21/13 21:21	20

Client Sample ID: HCS 340

Lab Sample ID: 560-40484-3
Date Collected: 06/10/13 14:45
Matrix: Solid
Date Received: 06/11/13 08:35
Percent Solids: 54.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	21.2		1.16	0.710	mg/Kg	☼	06/19/13 11:15	06/20/13 23:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0230	J	0.114	0.0103	mg/Kg	☼	06/13/13 10:20	06/13/13 18:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	445		35.0	19.2	mg/Kg	☼	06/21/13 16:30	06/24/13 20:09	1
Total Organic Carbon	64500		2740	494	mg/Kg	☼		06/25/13 13:20	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.28		0.100	0.100	SU			06/17/13 08:45	1
Percent Moisture	45		0.10	0.10	%			06/11/13 14:44	1
Percent Solids	55		0.10	0.10	%			06/11/13 14:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.9	J	183	19.2	mg/Kg	☼		06/13/13 04:57	10
Nitrate as N	<10.2		91.4	10.2	mg/Kg	☼		06/13/13 04:57	10
Sulfate	232		183	158	mg/Kg	☼		06/13/13 04:57	10
Bromide	<11.3		183	11.3	mg/Kg	☼		06/13/13 04:57	10
Fluoride	1.72	J	1.83	0.366	mg/Kg	☼		06/24/13 11:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	887		229	229	mg/Kg	☼		06/21/13 15:00	1
Bicarbonate Alkalinity as CaCO3	887		229	229	mg/Kg	☼		06/21/13 15:00	1
Carbonate Alkalinity as CaCO3	<229		229	229	mg/Kg	☼		06/21/13 15:00	1

Client Sample ID: EBHCS

Lab Sample ID: 560-40484-4
Date Collected: 06/10/13 15:45
Matrix: Water
Date Received: 06/11/13 08:35

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			06/12/13 19:08	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			06/12/13 19:08	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			06/12/13 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			06/12/13 19:08	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			06/12/13 19:08	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			06/12/13 19:08	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			06/12/13 19:08	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			06/12/13 19:08	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			06/12/13 19:08	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			06/12/13 19:08	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			06/12/13 19:08	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 19:08	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			06/12/13 19:08	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			06/12/13 19:08	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			06/12/13 19:08	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			06/12/13 19:08	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			06/12/13 19:08	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: EBHCS
Date Collected: 06/10/13 15:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			06/12/13 19:08	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 19:08	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			06/12/13 19:08	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			06/12/13 19:08	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			06/12/13 19:08	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
1,4-Dioxane	<7.46		100	7.46	ug/L			06/12/13 19:08	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			06/12/13 19:08	1
1-Octene	<0.440		5.00	0.440	ug/L			06/12/13 19:08	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			06/12/13 19:08	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			06/12/13 19:08	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			06/12/13 19:08	1
2-Hexanone	<0.200		5.00	0.200	ug/L			06/12/13 19:08	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			06/12/13 19:08	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			06/12/13 19:08	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			06/12/13 19:08	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			06/12/13 19:08	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			06/12/13 19:08	1
Acetone	<5.00		10.0	5.00	ug/L			06/12/13 19:08	1
Acetonitrile	<10.0		50.0	10.0	ug/L			06/12/13 19:08	1
Benzene	<0.140		1.00	0.140	ug/L			06/12/13 19:08	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			06/12/13 19:08	1
Bromobenzene	<0.128		1.00	0.128	ug/L			06/12/13 19:08	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			06/12/13 19:08	1
Bromoform	<0.500		5.00	0.500	ug/L			06/12/13 19:08	1
Bromomethane	<0.392		5.00	0.392	ug/L			06/12/13 19:08	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			06/12/13 19:08	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			06/12/13 19:08	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			06/12/13 19:08	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			06/12/13 19:08	1
Chloroethane	<0.400		5.00	0.400	ug/L			06/12/13 19:08	1
Chloroform	<0.173		1.00	0.173	ug/L			06/12/13 19:08	1
Chloromethane	<0.390		5.00	0.390	ug/L			06/12/13 19:08	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			06/12/13 19:08	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			06/12/13 19:08	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/12/13 19:08	1
Cyclohexane	<1.00		2.00	1.00	ug/L			06/12/13 19:08	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			06/12/13 19:08	1
Dibromomethane	<0.165		1.00	0.165	ug/L			06/12/13 19:08	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			06/12/13 19:08	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			06/12/13 19:08	1
EDB	<0.150		1.00	0.150	ug/L			06/12/13 19:08	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			06/12/13 19:08	1
Ethyl ether	<0.135		1.00	0.135	ug/L			06/12/13 19:08	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			06/12/13 19:08	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			06/12/13 19:08	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			06/12/13 19:08	1

Client Sample ID: EBHCS
Date Collected: 06/10/13 15:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	<2.00		5.00	2.00	ug/L			06/12/13 19:08	1
Iodomethane	<0.223		2.00	0.223	ug/L			06/12/13 19:08	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			06/12/13 19:08	1
Isooctane	<0.500		5.00	0.500	ug/L			06/12/13 19:08	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			06/12/13 19:08	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			06/12/13 19:08	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			06/12/13 19:08	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			06/12/13 19:08	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			06/12/13 19:08	1
Naphthalene	<0.200		5.00	0.200	ug/L			06/12/13 19:08	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
n-Heptane	<0.300		5.00	0.300	ug/L			06/12/13 19:08	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			06/12/13 19:08	1
o-Xylene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			06/12/13 19:08	1
Propionitrile	<2.69		10.0	2.69	ug/L			06/12/13 19:08	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			06/12/13 19:08	1
Styrene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 19:08	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			06/12/13 19:08	1
Toluene	<0.300		1.00	0.300	ug/L			06/12/13 19:08	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			06/12/13 19:08	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/12/13 19:08	1
Trichloroethene	<0.317		1.00	0.317	ug/L			06/12/13 19:08	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			06/12/13 19:08	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			06/12/13 19:08	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			06/12/13 19:08	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			06/12/13 19:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/12/13 19:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*06/12/13 19:08*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*06/12/13 19:08*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*06/12/13 19:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/12/13 19:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.569		10.0	0.569	ug/L		06/13/13 15:00	06/18/13 15:03	1
Acenaphthylene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Anthracene	<0.404		10.0	0.404	ug/L		06/13/13 15:00	06/18/13 15:03	1
Benzo[a]anthracene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Benzo[b]fluoranthene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Benzo[k]fluoranthene	<0.364		10.0	0.364	ug/L		06/13/13 15:00	06/18/13 15:03	1
Benzo[g,h,i]perylene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Benzo[a]pyrene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: EBHCS
Date Collected: 06/10/13 15:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	<1.36		10.0	1.36	ug/L		06/13/13 15:00	06/18/13 15:03	1
Butyl benzyl phthalate	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Bis(2-chloroethoxy)methane	<0.593		10.0	0.593	ug/L		06/13/13 15:00	06/18/13 15:03	1
Bis(2-chloroethyl)ether	<0.705		10.0	0.705	ug/L		06/13/13 15:00	06/18/13 15:03	1
Bis(2-ethylhexyl) phthalate	<5.00		20.0	5.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
4-Bromophenyl phenyl ether	<0.743		10.0	0.743	ug/L		06/13/13 15:00	06/18/13 15:03	1
4-Chloroaniline	<0.456		10.0	0.456	ug/L		06/13/13 15:00	06/18/13 15:03	1
2-Chloronaphthalene	<0.497		10.0	0.497	ug/L		06/13/13 15:00	06/18/13 15:03	1
4-Chlorophenyl phenyl ether	<0.524		10.0	0.524	ug/L		06/13/13 15:00	06/18/13 15:03	1
Chrysene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Dibenz(a,h)anthracene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Dibenzofuran	<0.514		10.0	0.514	ug/L		06/13/13 15:00	06/18/13 15:03	1
1,2-Dichlorobenzene	<0.503		10.0	0.503	ug/L		06/13/13 15:00	06/18/13 15:03	1
1,3-Dichlorobenzene	<2.00		10.0	2.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
1,4-Dichlorobenzene	<0.740		10.0	0.740	ug/L		06/13/13 15:00	06/18/13 15:03	1
3,3'-Dichlorobenzidine	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
Diethyl phthalate	<0.524		10.0	0.524	ug/L		06/13/13 15:00	06/18/13 15:03	1
Dimethyl phthalate	<0.549		10.0	0.549	ug/L		06/13/13 15:00	06/18/13 15:03	1
Di-n-butyl phthalate	**0.616**	**J**	10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Di-n-octyl phthalate	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
2,4-Dinitrotoluene	<0.383		10.0	0.383	ug/L		06/13/13 15:00	06/18/13 15:03	1
2,6-Dinitrotoluene	<0.522		10.0	0.522	ug/L		06/13/13 15:00	06/18/13 15:03	1
Fluoranthene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Fluorene	<0.608		10.0	0.608	ug/L		06/13/13 15:00	06/18/13 15:03	1
Hexachlorobenzene	<0.652		10.0	0.652	ug/L		06/13/13 15:00	06/18/13 15:03	1
Hexachlorobutadiene	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
Hexachlorocyclopentadiene	<5.00		10.0	5.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
Hexachloroethane	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
Indeno[1,2,3-cd]pyrene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 15:03	1
Isophorone	<0.626		10.0	0.626	ug/L		06/13/13 15:00	06/18/13 15:03	1
2-Methylnaphthalene	<0.429		10.0	0.429	ug/L		06/13/13 15:00	06/18/13 15:03	1
2-Nitroaniline	<0.443		10.0	0.443	ug/L		06/13/13 15:00	06/18/13 15:03	1
3-Nitroaniline	<1.79		10.0	1.79	ug/L		06/13/13 15:00	06/18/13 15:03	1
4-Nitroaniline	<1.46		10.0	1.46	ug/L		06/13/13 15:00	06/18/13 15:03	1
Naphthalene	<0.477		10.0	0.477	ug/L		06/13/13 15:00	06/18/13 15:03	1
Nitrobenzene	<0.336		10.0	0.336	ug/L		06/13/13 15:00	06/18/13 15:03	1
N-Nitrosodi-n-propylamine	<0.650		10.0	0.650	ug/L		06/13/13 15:00	06/18/13 15:03	1
N-Nitrosodiphenylamine	<0.509		10.0	0.509	ug/L		06/13/13 15:00	06/18/13 15:03	1
Phenanthrene	<0.514		10.0	0.514	ug/L		06/13/13 15:00	06/18/13 15:03	1
Pyrene	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
1,2,4-Trichlorobenzene	<0.585		10.0	0.585	ug/L		06/13/13 15:00	06/18/13 15:03	1
4-Chloro-3-methylphenol	<0.498		10.0	0.498	ug/L		06/13/13 15:00	06/18/13 15:03	1
2-Chlorophenol	<0.361		10.0	0.361	ug/L		06/13/13 15:00	06/18/13 15:03	1
2,4-Dichlorophenol	<0.387		10.0	0.387	ug/L		06/13/13 15:00	06/18/13 15:03	1
2,4-Dimethylphenol	<0.560		10.0	0.560	ug/L		06/13/13 15:00	06/18/13 15:03	1
2,4-Dinitrophenol	<0.928		10.0	0.928	ug/L		06/13/13 15:00	06/18/13 15:03	1
4,6-Dinitro-2-methylphenol	<1.82		10.0	1.82	ug/L		06/13/13 15:00	06/18/13 15:03	1
2-Methylphenol	<0.486		10.0	0.486	ug/L		06/13/13 15:00	06/18/13 15:03	1
3 & 4 Methylphenol	<0.881		20.0	0.881	ug/L		06/13/13 15:00	06/18/13 15:03	1

Client Sample ID: EBHCS
Date Collected: 06/10/13 15:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.408		10.0	0.408	ug/L		06/13/13 15:00	06/18/13 15:03	1
4-Nitrophenol	<1.77		10.0	1.77	ug/L		06/13/13 15:00	06/18/13 15:03	1
Pentachlorophenol	<5.00		10.0	5.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
Phenol	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 15:03	1
2,4,6-Trichlorophenol	<0.393		10.0	0.393	ug/L		06/13/13 15:00	06/18/13 15:03	1
2,4,5-Trichlorophenol	<0.396		10.0	0.396	ug/L		06/13/13 15:00	06/18/13 15:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*41.0*	*T J N*	*ug/L*		*6.08*	*2199-69-1*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
Acetophenone	*2.43*	*J*	*ug/L*		*6.35*	*98-86-2*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
Mequinol	*12.0*	*T J N*	*ug/L*		*6.51*	*150-76-5*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
Benzoic acid	*4.95*	*J*	*ug/L*		*7.04*	*65-85-0*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
Propanoic acid, 2-methyl-, 2,2-dimethyl-	*48.5*	*T J N*	*ug/L*		*8.97*	*74367-33-2*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
Propanoic acid, 2-methyl-, 2-ethyl-3-hyd	*72.5*	*T J N*	*ug/L*		*9.14*	*74367-31-0*	*06/13/13 15:00*	*06/18/13 15:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*27 - 130*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
2-Fluorobiphenyl	*65*		*23 - 130*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
Terphenyl-d14	*66*		*10 - 141*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
Phenol-d5	*75*		*10 - 130*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
2-Fluorophenol	*68*		*10 - 130*	*06/13/13 15:00*	*06/18/13 15:03*	*1*
2,4,6-Tribromophenol	*93*		*18 - 130*	*06/13/13 15:00*	*06/18/13 15:03*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.00276		0.0476	0.00276	ug/L		06/12/13 11:15	06/14/13 12:27	1
4,4'-DDD	<0.000838		0.0952	0.000838	ug/L		06/12/13 11:15	06/14/13 12:27	1
4,4'-DDE	<0.000952		0.0952	0.000952	ug/L		06/12/13 11:15	06/14/13 12:27	1
4,4'-DDT	<0.00333		0.0952	0.00333	ug/L		06/12/13 11:15	06/14/13 12:27	1
Aldrin	<0.00124		0.0476	0.00124	ug/L		06/12/13 11:15	06/14/13 12:27	1
alpha-BHC	<0.00286		0.0476	0.00286	ug/L		06/12/13 11:15	06/14/13 12:27	1
alpha-Chlordane	<0.000886		0.0476	0.000886	ug/L		06/12/13 11:15	06/14/13 12:27	1
beta-BHC	<0.00381		0.0476	0.00381	ug/L		06/12/13 11:15	06/14/13 12:27	1
Dieldrin	<0.000743		0.0952	0.000743	ug/L		06/12/13 11:15	06/14/13 12:27	1
Endosulfan I	<0.000895		0.0476	0.000895	ug/L		06/12/13 11:15	06/14/13 12:27	1
Endosulfan II	<0.00171		0.0952	0.00171	ug/L		06/12/13 11:15	06/14/13 12:27	1
Endosulfan sulfate	<0.00267		0.0952	0.00267	ug/L		06/12/13 11:15	06/14/13 12:27	1
Endrin	<0.000610		0.0952	0.000610	ug/L		06/12/13 11:15	06/14/13 12:27	1
Endrin aldehyde	<0.000752		0.0952	0.000752	ug/L		06/12/13 11:15	06/14/13 12:27	1
Endrin ketone	<0.00152		0.0952	0.00152	ug/L		06/12/13 11:15	06/14/13 12:27	1
gamma-BHC (Lindane)	<0.00105		0.0476	0.00105	ug/L		06/12/13 11:15	06/14/13 12:27	1
gamma-Chlordane	<0.00152		0.0476	0.00152	ug/L		06/12/13 11:15	06/14/13 12:27	1
Heptachlor	<0.00143		0.0476	0.00143	ug/L		06/12/13 11:15	06/14/13 12:27	1
Heptachlor epoxide	<0.00124		0.0476	0.00124	ug/L		06/12/13 11:15	06/14/13 12:27	1
Methoxychlor	<0.00200		0.476	0.00200	ug/L		06/12/13 11:15	06/14/13 12:27	1
Toxaphene	<0.229		4.76	0.229	ug/L		06/12/13 11:15	06/14/13 12:27	1
Chlordane (technical)	<0.0914		0.476	0.0914	ug/L		06/12/13 11:15	06/14/13 12:27	1

Client Sample ID: EBHCS
Date Collected: 06/10/13 15:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*100*		*10 - 120*	*06/12/13 11:15*	*06/14/13 12:27*	*1*
Tetrachloro-m-xylene	*65*		*10 - 110*	*06/12/13 11:15*	*06/14/13 12:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1221	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1232	<0.416		0.756	0.416	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1242	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1248	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1254	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1260	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1262	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1
Aroclor 1268	<0.104		0.567	0.104	ug/L		06/11/13 13:59	06/13/13 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*77*		*25 - 140*	*06/11/13 13:59*	*06/13/13 14:30*	*1*
DCB Decachlorobiphenyl	*59*		*42 - 133*	*06/11/13 13:59*	*06/13/13 14:30*	*1*

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.314		0.952	0.314	ug/L		06/12/13 11:15	06/14/13 17:16	1
Bolstar	<0.0905		0.952	0.0905	ug/L		06/12/13 11:15	06/14/13 17:16	1
Chlorpyrifos	<0.105		0.952	0.105	ug/L		06/12/13 11:15	06/14/13 17:16	1
Coumaphos	<0.0771		0.952	0.0771	ug/L		06/12/13 11:15	06/14/13 17:16	1
Demeton-O	<0.105		2.38	0.105	ug/L		06/12/13 11:15	06/14/13 17:16	1
Demeton-S	<0.0571		2.38	0.0571	ug/L		06/12/13 11:15	06/14/13 17:16	1
Diazinon	<0.105		0.952	0.105	ug/L		06/12/13 11:15	06/14/13 17:16	1
Dichlorvos	<0.248		1.90	0.248	ug/L		06/12/13 11:15	06/14/13 17:16	1
Dimethoate	<0.305		1.90	0.305	ug/L		06/12/13 11:15	06/14/13 17:16	1
Disulfoton	<0.114		1.90	0.114	ug/L		06/12/13 11:15	06/14/13 17:16	1
EPN	<0.0676	*	0.952	0.0676	ug/L		06/12/13 11:15	06/14/13 17:16	1
Famphur	<0.105		1.90	0.105	ug/L		06/12/13 11:15	06/14/13 17:16	1
Fensulfothion	<0.162		4.76	0.162	ug/L		06/12/13 11:15	06/14/13 17:16	1
Fenthion	<0.105		0.952	0.105	ug/L		06/12/13 11:15	06/14/13 17:16	1
Malathion	<0.0876		0.952	0.0876	ug/L		06/12/13 11:15	06/14/13 17:16	1
Merphos	<0.124		0.952	0.124	ug/L		06/12/13 11:15	06/14/13 17:16	1
Methyl parathion	<0.114		0.476	0.114	ug/L		06/12/13 11:15	06/14/13 17:16	1
Mevinphos	<0.143		1.90	0.143	ug/L		06/12/13 11:15	06/14/13 17:16	1
Ethoprop	<0.390		0.476	0.390	ug/L		06/12/13 11:15	06/14/13 17:16	1
Monochrotophos	<2.48		9.52	2.48	ug/L		06/12/13 11:15	06/14/13 17:16	1
Naled	<0.343		4.76	0.343	ug/L		06/12/13 11:15	06/14/13 17:16	1
Ethyl Parathion	<0.0762		0.952	0.0762	ug/L		06/12/13 11:15	06/14/13 17:16	1
Phorate	<0.152		0.952	0.152	ug/L		06/12/13 11:15	06/14/13 17:16	1
Ronnel	<0.124		0.952	0.124	ug/L		06/12/13 11:15	06/14/13 17:16	1
Stirophos	<0.0800		0.952	0.0800	ug/L		06/12/13 11:15	06/14/13 17:16	1
Sulfotepp	<0.0524		0.476	0.0524	ug/L		06/12/13 11:15	06/14/13 17:16	1
Thionazin	<0.0581		0.952	0.0581	ug/L		06/12/13 11:15	06/14/13 17:16	1
Tokuthion	<0.0829		0.952	0.0829	ug/L		06/12/13 11:15	06/14/13 17:16	1
Trichloronate	<0.105		0.952	0.105	ug/L		06/12/13 11:15	06/14/13 17:16	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: EBHCS
Date Collected: 06/10/13 15:45
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	*113*		*37 - 139*	*06/12/13 11:15*	*06/14/13 17:16*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0619		0.499	0.0619	ug/L		06/13/13 07:55	06/14/13 14:46	1
2,4-D	<0.0369		0.499	0.0369	ug/L		06/13/13 07:55	06/14/13 14:46	1
2,4-DB	<0.150		0.499	0.150	ug/L		06/13/13 07:55	06/14/13 14:46	1
Dalapon	<0.0999		9.99	0.0999	ug/L		06/13/13 07:55	06/14/13 14:46	1
Dicamba	<0.0849		0.499	0.0849	ug/L		06/13/13 07:55	06/14/13 14:46	1
Dichlorprop	<0.150		0.499	0.150	ug/L		06/13/13 07:55	06/14/13 14:46	1
Dinoseb	<0.160		5.99	0.160	ug/L		06/13/13 07:55	06/14/13 14:46	1
MCPA	<17.0		120	17.0	ug/L		06/13/13 07:55	06/14/13 14:46	1
Pentachlorophenol	<0.0369		0.250	0.0369	ug/L		06/13/13 07:55	06/14/13 14:46	1
Silvex (2,4,5-TP)	<0.0619		0.499	0.0619	ug/L		06/13/13 07:55	06/14/13 14:46	1
Mecoprop	<19.0		120	19.0	ug/L		06/13/13 07:55	06/14/13 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	*95*	*p*	*52 - 151*	*06/13/13 07:55*	*06/14/13 14:46*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	<70.7		500	70.7	ug/L		06/12/13 12:45	06/14/13 14:15	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.198		0.500	0.198	mg/L		06/14/13 13:20	06/17/13 14:06	1
Silver	<0.941		5.00	0.941	ug/L		06/14/13 13:20	06/17/13 14:06	1
Arsenic	<1.09		5.00	1.09	ug/L		06/14/13 13:20	06/17/13 14:06	1
Potassium	<0.407		1.00	0.407	mg/L		06/14/13 13:20	06/18/13 15:29	1
Barium	<0.810		5.00	0.810	ug/L		06/14/13 13:20	06/17/13 14:06	1
Magnesium	<0.113		0.500	0.113	mg/L		06/14/13 13:20	06/17/13 14:06	1
Beryllium	<1.24		4.00	1.24	ug/L		06/14/13 13:20	06/17/13 14:06	1
Sodium	<0.727		1.00	0.727	mg/L		06/14/13 13:20	06/18/13 15:29	1
Cadmium	<0.854		2.00	0.854	ug/L		06/14/13 13:20	06/17/13 14:06	1
Strontium	**4.14**	**J**	5.00	0.768	ug/L		06/14/13 13:20	06/17/13 14:06	1
Chromium	<1.40		5.00	1.40	ug/L		06/14/13 13:20	06/17/13 14:06	1
Copper	<2.00		10.0	2.00	ug/L		06/14/13 13:20	06/18/13 15:29	1
Manganese	<11.6		50.0	11.6	ug/L		06/14/13 13:20	06/17/13 14:06	1
Nickel	<2.17		5.00	2.17	ug/L		06/14/13 13:20	06/17/13 14:06	1
Lead	<0.733		5.00	0.733	ug/L		06/14/13 13:20	06/17/13 14:06	1
Selenium	<1.08		5.00	1.08	ug/L		06/14/13 13:20	06/17/13 14:06	1
Thallium	<0.693		2.00	0.693	ug/L		06/14/13 13:20	06/17/13 14:06	1
Zinc	<3.55		25.0	3.55	ug/L		06/14/13 13:20	06/17/13 14:06	1
Antimony	<1.61		5.00	1.61	ug/L		06/14/13 13:20	06/17/13 14:06	1
Aluminum	<22.5		50.0	22.5	ug/L		06/14/13 13:20	06/17/13 14:06	1
Iron	<101		250	101	ug/L		06/14/13 13:20	06/17/13 14:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000130		0.00200	0.000130	mg/L		06/12/13 12:00	06/12/13 15:04	1

Client Sample ID: EBHCS

Lab Sample ID: 560-40484-4

Date Collected: 06/10/13 15:45

Matrix: Water

Date Received: 06/11/13 08:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			06/11/13 15:45	1
Chloride	<0.192		1.00	0.192	mg/L			06/11/13 15:45	1
Nitrate as N	<0.103		0.500	0.103	mg/L			06/11/13 15:45	1
Sulfate	<0.377		1.00	0.377	mg/L			06/11/13 15:45	1
Fluoride	<0.0200		0.100	0.0200	mg/L			06/19/13 07:40	1
Phosphorus	<0.0410		0.100	0.0410	mg/L		06/20/13 18:00	06/24/13 16:58	1
Total Organic Carbon	**0.707**	**J B**	1.00	0.285	mg/L			06/13/13 11:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.60**	**HF**	0.100	0.100	SU			06/12/13 15:00	1
Total Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			06/24/13 14:00	1
Bicarbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			06/24/13 14:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			06/24/13 14:00	1
Total Dissolved Solids	<10.0		10.0	10.0	mg/L			06/12/13 11:00	1
Total Suspended Solids	**4.00**		3.00	3.00	mg/L			06/13/13 16:05	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	**0.439**	**J**	1.00	0.285	mg/L			06/27/13 09:17	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 560-40484-5

Date Collected: 06/10/13 00:00

Matrix: Water

Date Received: 06/11/13 08:35

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			06/12/13 19:33	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			06/12/13 19:33	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			06/12/13 19:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			06/12/13 19:33	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			06/12/13 19:33	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			06/12/13 19:33	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			06/12/13 19:33	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			06/12/13 19:33	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			06/12/13 19:33	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			06/12/13 19:33	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			06/12/13 19:33	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 19:33	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			06/12/13 19:33	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			06/12/13 19:33	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			06/12/13 19:33	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			06/12/13 19:33	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			06/12/13 19:33	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			06/12/13 19:33	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 19:33	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			06/12/13 19:33	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			06/12/13 19:33	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			06/12/13 19:33	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
1,4-Dioxane	<7.46		100	7.46	ug/L			06/12/13 19:33	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			06/12/13 19:33	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: TRIP BLANK
Date Collected: 06/10/13 00:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Octene	<0.440		5.00	0.440	ug/L			06/12/13 19:33	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			06/12/13 19:33	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			06/12/13 19:33	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			06/12/13 19:33	1
2-Hexanone	<0.200		5.00	0.200	ug/L			06/12/13 19:33	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			06/12/13 19:33	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			06/12/13 19:33	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			06/12/13 19:33	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			06/12/13 19:33	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			06/12/13 19:33	1
Acetone	<5.00		10.0	5.00	ug/L			06/12/13 19:33	1
Acetonitrile	<10.0		50.0	10.0	ug/L			06/12/13 19:33	1
Benzene	<0.140		1.00	0.140	ug/L			06/12/13 19:33	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			06/12/13 19:33	1
Bromobenzene	<0.128		1.00	0.128	ug/L			06/12/13 19:33	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			06/12/13 19:33	1
Bromoform	<0.500		5.00	0.500	ug/L			06/12/13 19:33	1
Bromomethane	<0.392		5.00	0.392	ug/L			06/12/13 19:33	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			06/12/13 19:33	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			06/12/13 19:33	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			06/12/13 19:33	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			06/12/13 19:33	1
Chloroethane	<0.400		5.00	0.400	ug/L			06/12/13 19:33	1
Chloroform	<0.173		1.00	0.173	ug/L			06/12/13 19:33	1
Chloromethane	<0.390		5.00	0.390	ug/L			06/12/13 19:33	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			06/12/13 19:33	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			06/12/13 19:33	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/12/13 19:33	1
Cyclohexane	<1.00		2.00	1.00	ug/L			06/12/13 19:33	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			06/12/13 19:33	1
Dibromomethane	<0.165		1.00	0.165	ug/L			06/12/13 19:33	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			06/12/13 19:33	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			06/12/13 19:33	1
EDB	<0.150		1.00	0.150	ug/L			06/12/13 19:33	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			06/12/13 19:33	1
Ethyl ether	<0.135		1.00	0.135	ug/L			06/12/13 19:33	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			06/12/13 19:33	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			06/12/13 19:33	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			06/12/13 19:33	1
Hexane	<2.00		5.00	2.00	ug/L			06/12/13 19:33	1
Iodomethane	<0.223		2.00	0.223	ug/L			06/12/13 19:33	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			06/12/13 19:33	1
Isooctane	<0.500		5.00	0.500	ug/L			06/12/13 19:33	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			06/12/13 19:33	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			06/12/13 19:33	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			06/12/13 19:33	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Client Sample ID: TRIP BLANK
Date Collected: 06/10/13 00:00
Date Received: 06/11/13 08:35

Lab Sample ID: 560-40484-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<2.00		5.00	2.00	ug/L			06/12/13 19:33	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			06/12/13 19:33	1
Naphthalene	<0.200		5.00	0.200	ug/L			06/12/13 19:33	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
n-Heptane	<0.300		5.00	0.300	ug/L			06/12/13 19:33	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			06/12/13 19:33	1
o-Xylene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			06/12/13 19:33	1
Propionitrile	<2.69		10.0	2.69	ug/L			06/12/13 19:33	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			06/12/13 19:33	1
Styrene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 19:33	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			06/12/13 19:33	1
Toluene	<0.300		1.00	0.300	ug/L			06/12/13 19:33	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			06/12/13 19:33	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/12/13 19:33	1
Trichloroethene	<0.317		1.00	0.317	ug/L			06/12/13 19:33	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			06/12/13 19:33	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			06/12/13 19:33	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			06/12/13 19:33	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			06/12/13 19:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/12/13 19:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*06/12/13 19:33*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*06/12/13 19:33*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*06/12/13 19:33*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/12/13 19:33*	*1*

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

Lab Sample ID: MB 560-88964/8
Matrix: Solid
Analysis Batch: 88964

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			06/11/13 14:41	1
1-Chlorohexane	<0.550		5.00	0.550	ug/Kg			06/11/13 14:41	1
1,2-Dibromo-3-Chloropropane	<0.330		5.00	0.330	ug/Kg			06/11/13 14:41	1
2-Butanone (MEK)	<1.90		10.0	1.90	ug/Kg			06/11/13 14:41	1
2-Chloro-1,3-butadiene	<0.690		5.00	0.690	ug/Kg			06/11/13 14:41	1
2-Chlorotoluene	<0.220		5.00	0.220	ug/Kg			06/11/13 14:41	1
1,2-Dichlorobenzene	<0.250		5.00	0.250	ug/Kg			06/11/13 14:41	1
1,3-Dichlorobenzene	<0.310		5.00	0.310	ug/Kg			06/11/13 14:41	1
1,4-Dichlorobenzene	<0.320		5.00	0.320	ug/Kg			06/11/13 14:41	1
3-Chloro-1-propene	<0.980		5.00	0.980	ug/Kg			06/11/13 14:41	1
4-Chlorotoluene	<0.690		5.00	0.690	ug/Kg			06/11/13 14:41	1
1,1-Dichloroethane	<0.590		5.00	0.590	ug/Kg			06/11/13 14:41	1
1,2-Dichloroethane	<0.520		5.00	0.520	ug/Kg			06/11/13 14:41	1
Acetone	<7.20		50.0	7.20	ug/Kg			06/11/13 14:41	1
1,1-Dichloroethene	<0.190		5.00	0.190	ug/Kg			06/11/13 14:41	1
Acetonitrile	<37.0		50.0	37.0	ug/Kg			06/11/13 14:41	1
1,2-Dichloroethene, Total	<0.500		5.00	0.500	ug/Kg			06/11/13 14:41	1
Benzene	<0.230		5.00	0.230	ug/Kg			06/11/13 14:41	1
1,2-Dichloropropane	<0.150		5.00	0.150	ug/Kg			06/11/13 14:41	1
Benzyl chloride	<0.500		5.00	0.500	ug/Kg			06/11/13 14:41	1
1,3-Dichloropropane	<0.240		5.00	0.240	ug/Kg			06/11/13 14:41	1
Bromobenzene	<0.740		5.00	0.740	ug/Kg			06/11/13 14:41	1
2,2-Dichloropropane	<0.840		5.00	0.840	ug/Kg			06/11/13 14:41	1
Bromochloromethane	<0.900		5.00	0.900	ug/Kg			06/11/13 14:41	1
1,1-Dichloropropene	<0.520		5.00	0.520	ug/Kg			06/11/13 14:41	1
Bromoform	<0.510		5.00	0.510	ug/Kg			06/11/13 14:41	1
1,4-Dioxane	<19.0		100	19.0	ug/Kg			06/11/13 14:41	1
Bromomethane	<1.10		5.00	1.10	ug/Kg			06/11/13 14:41	1
Carbon disulfide	<1.00		5.00	1.00	ug/Kg			06/11/13 14:41	1
Carbon tetrachloride	<0.510		5.00	0.510	ug/Kg			06/11/13 14:41	1
Chlorobenzene	<0.230		5.00	0.230	ug/Kg			06/11/13 14:41	1
Chlorodibromomethane	<0.640		5.00	0.640	ug/Kg			06/11/13 14:41	1
Chloroethane	<0.260		5.00	0.260	ug/Kg			06/11/13 14:41	1
Chloroform	<0.870		5.00	0.870	ug/Kg			06/11/13 14:41	1
Chloromethane	<1.20		5.00	1.20	ug/Kg			06/11/13 14:41	1
cis-1,2-Dichloroethene	<0.570		5.00	0.570	ug/Kg			06/11/13 14:41	1
2-Hexanone	<1.50		10.0	1.50	ug/Kg			06/11/13 14:41	1
cis-1,3-Dichloropropene	<0.141		5.00	0.141	ug/Kg			06/11/13 14:41	1
cis-1,4-Dichloro-2-butene	<0.320		5.00	0.320	ug/Kg			06/11/13 14:41	1
Cyclohexane	<0.990		10.0	0.990	ug/Kg			06/11/13 14:41	1
Cyclohexanone	<10.0		100	10.0	ug/Kg			06/11/13 14:41	1
4-Isopropyltoluene	<0.210		5.00	0.210	ug/Kg			06/11/13 14:41	1
Dibromomethane	<0.710		5.00	0.710	ug/Kg			06/11/13 14:41	1
Dichlorobromomethane	<0.190		5.00	0.190	ug/Kg			06/11/13 14:41	1
Dichlorodifluoromethane	<0.730		5.00	0.730	ug/Kg			06/11/13 14:41	1
EDB	<0.170		5.00	0.170	ug/Kg			06/11/13 14:41	1
4-Methyl-2-pentanone (MIBK)	<1.50		10.0	1.50	ug/Kg			06/11/13 14:41	1
Ethyl acetate	<2.81		5.00	2.81	ug/Kg			06/11/13 14:41	1

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

Lab Sample ID: MB 560-88964/8
Matrix: Solid
Analysis Batch: 88964

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			06/11/13 14:41	1
Ethyl methacrylate	<0.510		5.00	0.510	ug/Kg			06/11/13 14:41	1
Ethylbenzene	<0.450		5.00	0.450	ug/Kg			06/11/13 14:41	1
Ethylene oxide	<16.0		40.0	16.0	ug/Kg			06/11/13 14:41	1
Hexachlorobutadiene	<0.640		5.00	0.640	ug/Kg			06/11/13 14:41	1
2-Nitropropane	<0.520		5.00	0.520	ug/Kg			06/11/13 14:41	1
Hexane	<1.30		5.00	1.30	ug/Kg			06/11/13 14:41	1
Iodomethane	<0.800		5.00	0.800	ug/Kg			06/11/13 14:41	1
1-Octene	<0.500		5.00	0.500	ug/Kg			06/11/13 14:41	1
Isobutyl alcohol	<68.0		100	68.0	ug/Kg			06/11/13 14:41	1
Isooctane	<0.160		5.00	0.160	ug/Kg			06/11/13 14:41	1
Isopropylbenzene	<0.140		5.00	0.140	ug/Kg			06/11/13 14:41	1
Methacrylonitrile	<2.40		50.0	2.40	ug/Kg			06/11/13 14:41	1
Methyl methacrylate	<1.10		5.00	1.10	ug/Kg			06/11/13 14:41	1
Methyl tert-butyl ether	<0.610		5.00	0.610	ug/Kg			06/11/13 14:41	1
Methylene Chloride	<5.00		25.0	5.00	ug/Kg			06/11/13 14:41	1
m-Xylene & p-Xylene	<0.500		10.0	0.500	ug/Kg			06/11/13 14:41	1
1,1,1,2-Tetrachloroethane	<0.270		5.00	0.270	ug/Kg			06/11/13 14:41	1
Naphthalene	<1.20		10.0	1.20	ug/Kg			06/11/13 14:41	1
1,1,2,2-Tetrachloroethane	<0.380		5.00	0.380	ug/Kg			06/11/13 14:41	1
n-Butylbenzene	<0.270		5.00	0.270	ug/Kg			06/11/13 14:41	1
n-Heptane	<0.530		5.00	0.530	ug/Kg			06/11/13 14:41	1
N-Propylbenzene	<0.210		5.00	0.210	ug/Kg			06/11/13 14:41	1
o-Xylene	<0.220		5.00	0.220	ug/Kg			06/11/13 14:41	1
Pentachloroethane	<1.40		5.00	1.40	ug/Kg			06/11/13 14:41	1
Propionitrile	<4.90		50.0	4.90	ug/Kg			06/11/13 14:41	1
sec-Butylbenzene	<0.200		5.00	0.200	ug/Kg			06/11/13 14:41	1
1,2,3-Trichlorobenzene	<0.440		5.00	0.440	ug/Kg			06/11/13 14:41	1
Styrene	<0.200		5.00	0.200	ug/Kg			06/11/13 14:41	1
1,2,4-Trichlorobenzene	<0.970		5.00	0.970	ug/Kg			06/11/13 14:41	1
1,3,5-Trichlorobenzene	<0.310		5.00	0.310	ug/Kg			06/11/13 14:41	1
tert-Butylbenzene	<0.250		5.00	0.250	ug/Kg			06/11/13 14:41	1
1,1,1-Trichloroethane	<0.700		5.00	0.700	ug/Kg			06/11/13 14:41	1
Tetrachloroethene	<0.740		5.00	0.740	ug/Kg			06/11/13 14:41	1
1,1,2-Trichloroethane	<0.500		5.00	0.500	ug/Kg			06/11/13 14:41	1
Toluene	<0.900		5.00	0.900	ug/Kg			06/11/13 14:41	1
trans-1,2-Dichloroethene	<0.500		5.00	0.500	ug/Kg			06/11/13 14:41	1
1,2,3-Trichloropropane	<0.760		5.00	0.760	ug/Kg			06/11/13 14:41	1
trans-1,3-Dichloropropene	<0.520		5.00	0.520	ug/Kg			06/11/13 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.670		5.00	0.670	ug/Kg			06/11/13 14:41	1
trans-1,4-Dichloro-2-butene	<0.880		5.00	0.880	ug/Kg			06/11/13 14:41	1
1,2,4-Trimethylbenzene	<0.200		5.00	0.200	ug/Kg			06/11/13 14:41	1
Trichloroethene	<0.280		5.00	0.280	ug/Kg			06/11/13 14:41	1
1,3,5-Trimethylbenzene	<0.210		5.00	0.210	ug/Kg			06/11/13 14:41	1
Trichlorofluoromethane	<0.500		5.00	0.500	ug/Kg			06/11/13 14:41	1
Vinyl acetate	<1.10		5.00	1.10	ug/Kg			06/11/13 14:41	1
Vinyl chloride	<0.600		5.00	0.600	ug/Kg			06/11/13 14:41	1
Xylenes, Total	<0.500		15.0	0.500	ug/Kg			06/11/13 14:41	1

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

Lab Sample ID: MB 560-88964/8
Matrix: Solid
Analysis Batch: 88964

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					06/11/13 14:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		61 - 136		06/11/13 14:41	1
1,2-Dichloroethane-d4 (Surr)	111		65 - 152		06/11/13 14:41	1
Dibromofluoromethane (Surr)	104		50 - 136		06/11/13 14:41	1
Toluene-d8 (Surr)	96		65 - 139		06/11/13 14:41	1

Lab Sample ID: LCS 560-88964/3
Matrix: Solid
Analysis Batch: 88964

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	46.80		ug/Kg		94	18 - 150
1-Chlorohexane	50.0	61.43		ug/Kg		123	62 - 130
1,2-Dibromo-3-Chloropropane	50.0	57.18		ug/Kg		114	49 - 150
2-Butanone (MEK)	50.0	52.83		ug/Kg		106	43 - 149
2-Chloro-1,3-butadiene	50.1	61.33		ug/Kg		123	66 - 133
2-Chlorotoluene	50.0	60.58		ug/Kg		121	70 - 130
1,2-Dichlorobenzene	50.0	62.34		ug/Kg		125	70 - 130
1,3-Dichlorobenzene	50.0	61.62		ug/Kg		123	70 - 130
1,4-Dichlorobenzene	50.0	61.05		ug/Kg		122	70 - 130
3-Chloro-1-propene	50.0	59.48		ug/Kg		119	68 - 135
4-Chlorotoluene	50.0	59.92		ug/Kg		120	70 - 130
1,1-Dichloroethane	50.0	60.48		ug/Kg		121	70 - 130
1,2-Dichloroethane	50.0	60.74		ug/Kg		121	70 - 130
Acetone	50.0	48.16	J	ug/Kg		96	31 - 172
1,1-Dichloroethene	50.0	61.08		ug/Kg		122	66 - 130
Acetonitrile	500	562.1		ug/Kg		112	10 - 200
1,2-Dichloroethene, Total	100	122.9		ug/Kg		123	70 - 130
Benzene	50.0	59.33		ug/Kg		119	70 - 130
1,2-Dichloropropane	50.0	57.01		ug/Kg		114	70 - 130
Benzyl chloride	50.0	60.09		ug/Kg		120	59 - 145
1,3-Dichloropropane	50.0	53.83		ug/Kg		108	70 - 130
Bromobenzene	50.0	60.24		ug/Kg		120	70 - 130
2,2-Dichloropropane	50.0	66.68		ug/Kg		133	66 - 135
Bromochloromethane	50.0	57.12		ug/Kg		114	70 - 130
1,1-Dichloropropene	50.0	61.87		ug/Kg		124	70 - 130
Bromoform	50.0	56.02		ug/Kg		112	55 - 141
1,4-Dioxane	1000	1104		ug/Kg		110	24 - 172
Bromomethane	50.0	59.38		ug/Kg		119	35 - 148
Carbon disulfide	50.0	69.21		ug/Kg		138	69 - 154
Carbon tetrachloride	50.0	64.83		ug/Kg		130	70 - 130
Chlorobenzene	50.0	56.21		ug/Kg		112	70 - 130
Chlorodibromomethane	50.0	56.00		ug/Kg		112	70 - 137
Chloroethane	50.0	57.07		ug/Kg		114	42 - 147
Chloroform	50.0	62.60		ug/Kg		125	70 - 130

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

Lab Sample ID: LCS 560-88964/3
Matrix: Solid
Analysis Batch: 88964

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	54.48		ug/Kg		109	46 - 140
cis-1,2-Dichloroethene	50.0	60.54		ug/Kg		121	69 - 130
2-Hexanone	50.0	57.91		ug/Kg		116	37 - 170
cis-1,3-Dichloropropene	50.0	55.42		ug/Kg		111	64 - 135
cis-1,4-Dichloro-2-butene	50.0	59.41		ug/Kg		119	52 - 154
Cyclohexane	100	125.8		ug/Kg		126	54 - 130
Cyclohexanone	250	255.3		ug/Kg		102	10 - 200
4-Isopropyltoluene	50.0	62.71		ug/Kg		125	70 - 130
Dibromomethane	50.0	58.41		ug/Kg		117	70 - 130
Dichlorobromomethane	50.0	60.05		ug/Kg		120	70 - 130
Dichlorodifluoromethane	50.0	61.46		ug/Kg		123	16 - 154
EDB	50.0	56.26		ug/Kg		113	70 - 131
4-Methyl-2-pentanone (MIBK)	49.5	60.67		ug/Kg		122	42 - 159
Ethyl acetate	50.0	48.93		ug/Kg		98	46 - 164
Ethyl ether	50.0	57.19		ug/Kg		114	62 - 130
Ethyl methacrylate	50.0	60.73		ug/Kg		121	61 - 151
Ethylbenzene	50.0	60.72		ug/Kg		121	70 - 130
Ethylene oxide	200	213.4		ug/Kg		107	10 - 190
Hexachlorobutadiene	50.0	75.45	*	ug/Kg		151	56 - 140
2-Nitropropane	50.0	49.78		ug/Kg		100	32 - 158
Hexane	50.0	61.37		ug/Kg		123	61 - 144
Iodomethane	50.0	61.99		ug/Kg		124	70 - 147
1-Octene	50.0	63.96		ug/Kg		128	44 - 156
Isobutyl alcohol	1000	1111		ug/Kg		111	26 - 169
Isooctane	50.0	65.80		ug/Kg		132	62 - 135
Isopropylbenzene	50.0	60.98		ug/Kg		122	70 - 130
Methacrylonitrile	500	559.1		ug/Kg		112	61 - 140
Methyl methacrylate	50.0	55.21		ug/Kg		110	56 - 139
Methyl tert-butyl ether	50.0	61.66		ug/Kg		123	55 - 144
Methylene Chloride	50.0	65.42		ug/Kg		131	65 - 135
m-Xylene & p-Xylene	100	121.3		ug/Kg		121	70 - 130
1,1,1,2-Tetrachloroethane	50.0	60.04		ug/Kg		120	70 - 130
Naphthalene	50.0	64.25		ug/Kg		129	58 - 151
1,1,2,2-Tetrachloroethane	50.0	58.98		ug/Kg		118	69 - 130
n-Butylbenzene	50.0	66.15		ug/Kg		132	70 - 135
n-Heptane	50.1	61.09		ug/Kg		122	46 - 147
N-Propylbenzene	50.0	63.54		ug/Kg		127	70 - 130
o-Xylene	50.0	60.46		ug/Kg		121	70 - 130
Pentachloroethane	50.0	59.74		ug/Kg		119	58 - 133
Propionitrile	500	567.4		ug/Kg		113	39 - 164
sec-Butylbenzene	50.0	63.97		ug/Kg		128	70 - 130
1,2,3-Trichlorobenzene	50.0	70.23		ug/Kg		140	58 - 146
Styrene	50.0	58.07		ug/Kg		116	67 - 137
1,2,4-Trichlorobenzene	50.0	62.92		ug/Kg		126	61 - 142
1,3,5-Trichlorobenzene	50.0	64.48		ug/Kg		129	65 - 136
tert-Butylbenzene	50.0	62.01		ug/Kg		124	70 - 130
1,1,1-Trichloroethane	50.0	64.61		ug/Kg		129	70 - 130
Tetrachloroethene	50.0	59.06		ug/Kg		118	66 - 137

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

Lab Sample ID: LCS 560-88964/3
Matrix: Solid
Analysis Batch: 88964

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	56.06		ug/Kg		112	70 - 130
Toluene	50.0	59.03		ug/Kg		118	70 - 130
trans-1,2-Dichloroethene	50.0	62.38		ug/Kg		125	69 - 130
1,2,3-Trichloropropane	50.0	58.83		ug/Kg		118	70 - 142
trans-1,3-Dichloropropene	50.0	55.91		ug/Kg		112	62 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	62.16		ug/Kg		124	51 - 130
trans-1,4-Dichloro-2-butene	50.0	57.40		ug/Kg		115	50 - 142
1,2,4-Trimethylbenzene	50.0	64.49		ug/Kg		129	70 - 130
Trichloroethene	50.0	58.24		ug/Kg		116	70 - 135
1,3,5-Trimethylbenzene	50.0	64.57		ug/Kg		129	70 - 130
Trichlorofluoromethane	50.0	60.31		ug/Kg		121	61 - 130
Vinyl acetate	50.0	58.22		ug/Kg		116	56 - 175
Vinyl chloride	50.0	54.44		ug/Kg		109	50 - 140
Xylenes, Total	150	181.8		ug/Kg		121	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*61 - 136*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 152*
Dibromofluoromethane (Surr)	*106*		*50 - 136*
Toluene-d8 (Surr)	*97*		*65 - 139*

Lab Sample ID: MB 560-88997/8
Matrix: Water
Analysis Batch: 88997

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			06/12/13 12:04	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			06/12/13 12:04	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			06/12/13 12:04	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			06/12/13 12:04	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			06/12/13 12:04	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			06/12/13 12:04	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			06/12/13 12:04	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			06/12/13 12:04	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			06/12/13 12:04	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			06/12/13 12:04	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			06/12/13 12:04	1
Acetone	<5.00		10.0	5.00	ug/L			06/12/13 12:04	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			06/12/13 12:04	1
Acetonitrile	<10.0		50.0	10.0	ug/L			06/12/13 12:04	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			06/12/13 12:04	1
Benzene	<0.140		1.00	0.140	ug/L			06/12/13 12:04	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			06/12/13 12:04	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			06/12/13 12:04	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			06/12/13 12:04	1

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

Lab Sample ID: MB 560-88997/8
Matrix: Water
Analysis Batch: 88997

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			06/12/13 12:04	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			06/12/13 12:04	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			06/12/13 12:04	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			06/12/13 12:04	1
Bromoform	<0.500		5.00	0.500	ug/L			06/12/13 12:04	1
1,4-Dioxane	<7.46		100	7.46	ug/L			06/12/13 12:04	1
Bromomethane	<0.392		5.00	0.392	ug/L			06/12/13 12:04	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			06/12/13 12:04	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			06/12/13 12:04	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			06/12/13 12:04	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			06/12/13 12:04	1
Chloroethane	<0.400		5.00	0.400	ug/L			06/12/13 12:04	1
Chloroform	<0.173		1.00	0.173	ug/L			06/12/13 12:04	1
Chloromethane	<0.390		5.00	0.390	ug/L			06/12/13 12:04	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			06/12/13 12:04	1
2-Hexanone	<0.200		5.00	0.200	ug/L			06/12/13 12:04	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			06/12/13 12:04	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/12/13 12:04	1
Cyclohexane	<1.00		2.00	1.00	ug/L			06/12/13 12:04	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			06/12/13 12:04	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			06/12/13 12:04	1
Dibromomethane	<0.165		1.00	0.165	ug/L			06/12/13 12:04	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			06/12/13 12:04	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			06/12/13 12:04	1
EDB	<0.150		1.00	0.150	ug/L			06/12/13 12:04	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			06/12/13 12:04	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			06/12/13 12:04	1
Ethyl ether	<0.135		1.00	0.135	ug/L			06/12/13 12:04	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			06/12/13 12:04	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			06/12/13 12:04	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			06/12/13 12:04	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			06/12/13 12:04	1
Hexane	<2.00		5.00	2.00	ug/L			06/12/13 12:04	1
Iodomethane	<0.223		2.00	0.223	ug/L			06/12/13 12:04	1
1-Octene	<0.440		5.00	0.440	ug/L			06/12/13 12:04	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			06/12/13 12:04	1
Isooctane	<0.500		5.00	0.500	ug/L			06/12/13 12:04	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			06/12/13 12:04	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			06/12/13 12:04	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			06/12/13 12:04	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			06/12/13 12:04	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			06/12/13 12:04	1
1,1,1,2-Tetrachloroethane	<0.209		1.00	0.209	ug/L			06/12/13 12:04	1
Naphthalene	<0.200		5.00	0.200	ug/L			06/12/13 12:04	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			06/12/13 12:04	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1

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

Lab Sample ID: MB 560-88997/8
Matrix: Water
Analysis Batch: 88997

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			06/12/13 12:04	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			06/12/13 12:04	1
o-Xylene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			06/12/13 12:04	1
Propionitrile	<2.69		10.0	2.69	ug/L			06/12/13 12:04	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			06/12/13 12:04	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			06/12/13 12:04	1
Styrene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			06/12/13 12:04	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			06/12/13 12:04	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 12:04	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			06/12/13 12:04	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			06/12/13 12:04	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			06/12/13 12:04	1
Toluene	<0.300		1.00	0.300	ug/L			06/12/13 12:04	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			06/12/13 12:04	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			06/12/13 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			06/12/13 12:04	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			06/12/13 12:04	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 12:04	1
Trichloroethene	<0.317		1.00	0.317	ug/L			06/12/13 12:04	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			06/12/13 12:04	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			06/12/13 12:04	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			06/12/13 12:04	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			06/12/13 12:04	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			06/12/13 12:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/12/13 12:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*06/12/13 12:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*06/12/13 12:04*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*06/12/13 12:04*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/12/13 12:04*	*1*

Lab Sample ID: LCS 560-88997/3
Matrix: Water
Analysis Batch: 88997

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	31.19		ug/L		125	31 - 132
1-Chlorohexane	25.0	25.64		ug/L		103	64 - 130
1,2-Dibromo-3-Chloropropane	25.0	30.60		ug/L		122	56 - 135
2-Butanone (MEK)	25.0	31.95		ug/L		128	50 - 158
2-Chloro-1,3-butadiene	25.0	26.77		ug/L		107	55 - 144

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

Lab Sample ID: LCS 560-88997/3
Matrix: Water
Analysis Batch: 88997

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	26.78		ug/L		107	70 - 130
1,2-Dichlorobenzene	25.0	27.26		ug/L		109	70 - 130
1,3-Dichlorobenzene	25.0	26.90		ug/L		108	70 - 130
1,4-Dichlorobenzene	25.0	26.40		ug/L		106	70 - 130
3-Chloro-1-propene	25.0	23.88		ug/L		96	70 - 139
4-Chlorotoluene	25.0	27.43		ug/L		110	70 - 130
1,1-Dichloroethane	25.0	26.47		ug/L		106	70 - 130
1,2-Dichloroethane	25.0	28.03		ug/L		112	68 - 130
Acetone	25.0	44.46		ug/L		178	34 - 197
1,1-Dichloroethene	25.0	25.80		ug/L		103	67 - 130
Acetonitrile	250	437.3		ug/L		175	10 - 200
1,2-Dichloroethene, Total	50.0	54.41		ug/L		109	70 - 130
Benzene	25.0	26.89		ug/L		108	70 - 130
1,2-Dichloropropane	25.0	28.39		ug/L		114	70 - 130
Benzyl chloride	25.0	26.79		ug/L		107	56 - 135
1,3-Dichloropropane	25.0	28.35		ug/L		113	70 - 130
Bromobenzene	25.0	27.53		ug/L		110	67 - 130
2,2-Dichloropropane	25.0	27.53		ug/L		110	63 - 141
Bromochloromethane	25.0	29.19		ug/L		117	70 - 130
1,1-Dichloropropene	25.0	25.64		ug/L		103	70 - 130
Bromoform	25.0	26.38		ug/L		106	53 - 135
1,4-Dioxane	500	838.1		ug/L		168	34 - 174
Bromomethane	25.0	24.96		ug/L		100	57 - 132
Carbon disulfide	25.0	29.49		ug/L		118	70 - 152
Carbon tetrachloride	25.0	25.60		ug/L		102	65 - 129
Chlorobenzene	25.0	26.88		ug/L		108	70 - 130
Chlorodibromomethane	25.0	27.32		ug/L		109	64 - 130
Chloroethane	25.0	25.25		ug/L		101	65 - 133
Chloroform	25.0	27.01		ug/L		108	70 - 130
Chloromethane	25.0	25.79		ug/L		103	54 - 156
cis-1,2-Dichloroethene	25.0	27.26		ug/L		109	70 - 130
2-Hexanone	25.0	30.47		ug/L		122	58 - 145
cis-1,3-Dichloropropene	25.0	28.78		ug/L		115	65 - 132
cis-1,4-Dichloro-2-butene	25.0	13.41		ug/L		54	25 - 156
Cyclohexane	50.0	53.76		ug/L		107	62 - 134
Cyclohexanone	125	195.9		ug/L		157	10 - 200
4-Isopropyltoluene	25.0	26.77		ug/L		107	69 - 130
Dibromomethane	25.0	28.83		ug/L		115	70 - 130
Dichlorobromomethane	25.0	27.03		ug/L		108	70 - 130
Dichlorodifluoromethane	25.0	26.67		ug/L		107	23 - 167
EDB	25.0	28.91		ug/L		116	70 - 130
4-Methyl-2-pentanone (MIBK)	24.8	30.86		ug/L		125	62 - 135
Ethyl acetate	25.0	30.06		ug/L		120	64 - 139
Ethyl ether	25.0	26.75		ug/L		107	70 - 130
Ethyl methacrylate	25.0	27.45		ug/L		110	66 - 130
Ethylbenzene	25.0	26.65		ug/L		107	70 - 130
Ethylene oxide	100	120.6		ug/L		121	12 - 185
Hexachlorobutadiene	25.0	25.99		ug/L		104	55 - 149

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

Lab Sample ID: LCS 560-88997/3
Matrix: Water
Analysis Batch: 88997

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	30.54		ug/L		122	24 - 150
Hexane	25.0	29.91		ug/L		120	60 - 159
Iodomethane	25.0	30.44		ug/L		122	70 - 142
1-Octene	25.0	31.93		ug/L		128	63 - 134
Isobutyl alcohol	500	775.2		ug/L		155	34 - 165
Isooctane	25.0	29.13		ug/L		116	66 - 150
Isopropylbenzene	25.0	26.95		ug/L		108	66 - 130
Methacrylonitrile	250	317.9		ug/L		127	70 - 130
Methyl methacrylate	25.0	27.63		ug/L		111	63 - 130
Methyl tert-butyl ether	25.0	31.37		ug/L		125	69 - 135
Methylene Chloride	25.0	26.83		ug/L		107	70 - 130
m-Xylene & p-Xylene	50.0	54.44		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.80		ug/L		111	70 - 130
Naphthalene	25.0	27.01		ug/L		108	68 - 131
1,1,2,2-Tetrachloroethane	25.0	28.52		ug/L		114	70 - 130
n-Butylbenzene	25.0	26.89		ug/L		108	62 - 138
n-Heptane	25.0	30.19		ug/L		121	70 - 150
N-Propylbenzene	25.0	26.52		ug/L		106	51 - 158
o-Xylene	25.0	27.54		ug/L		110	70 - 130
Pentachloroethane	25.0	21.46		ug/L		86	60 - 145
Propionitrile	250	325.0		ug/L		130	50 - 158
sec-Butylbenzene	25.0	26.63		ug/L		107	66 - 130
1,2,3-Trichlorobenzene	25.0	28.38		ug/L		114	59 - 135
Styrene	25.0	26.19		ug/L		105	64 - 130
1,2,4-Trichlorobenzene	25.0	27.41		ug/L		110	62 - 135
1,3,5-Trichlorobenzene	25.0	22.59		ug/L		90	62 - 137
tert-Butylbenzene	25.0	25.85		ug/L		103	66 - 130
1,1,1-Trichloroethane	25.0	25.93		ug/L		104	70 - 130
Tetrachloroethene	25.0	26.01		ug/L		104	60 - 130
1,1,2-Trichloroethane	25.0	28.28		ug/L		113	70 - 130
Toluene	25.0	26.74		ug/L		107	70 - 130
trans-1,2-Dichloroethene	25.0	27.15		ug/L		109	70 - 130
1,2,3-Trichloropropane	25.0	28.66		ug/L		115	68 - 132
trans-1,3-Dichloropropene	25.0	28.27		ug/L		113	56 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.21		ug/L		109	51 - 130
trans-1,4-Dichloro-2-butene	25.0	14.74		ug/L		59	31 - 142
1,2,4-Trimethylbenzene	25.0	25.94		ug/L		104	70 - 130
Trichloroethene	25.0	27.79		ug/L		111	70 - 130
1,3,5-Trimethylbenzene	25.0	26.71		ug/L		107	69 - 130
Trichlorofluoromethane	25.0	21.61		ug/L		86	60 - 133
Vinyl acetate	25.0	34.80		ug/L		139	70 - 159
Vinyl chloride	25.0	26.26		ug/L		105	59 - 139
Xylenes, Total	75.0	81.98		ug/L		109	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*

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

Lab Sample ID: LCS 560-88997/3
Matrix: Water
Analysis Batch: 88997

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 560-89061/8
Matrix: Solid
Analysis Batch: 89061

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			06/13/13 13:05	1
1-Chlorohexane	<0.550		5.00	0.550	ug/Kg			06/13/13 13:05	1
1,2-Dibromo-3-Chloropropane	<0.330		5.00	0.330	ug/Kg			06/13/13 13:05	1
2-Butanone (MEK)	<1.90		10.0	1.90	ug/Kg			06/13/13 13:05	1
2-Chloro-1,3-butadiene	<0.690		5.00	0.690	ug/Kg			06/13/13 13:05	1
2-Chlorotoluene	<0.220		5.00	0.220	ug/Kg			06/13/13 13:05	1
1,2-Dichlorobenzene	<0.250		5.00	0.250	ug/Kg			06/13/13 13:05	1
1,3-Dichlorobenzene	<0.310		5.00	0.310	ug/Kg			06/13/13 13:05	1
1,4-Dichlorobenzene	<0.320		5.00	0.320	ug/Kg			06/13/13 13:05	1
3-Chloro-1-propene	<0.980		5.00	0.980	ug/Kg			06/13/13 13:05	1
4-Chlorotoluene	<0.690		5.00	0.690	ug/Kg			06/13/13 13:05	1
1,1-Dichloroethane	<0.590		5.00	0.590	ug/Kg			06/13/13 13:05	1
1,2-Dichloroethane	<0.520		5.00	0.520	ug/Kg			06/13/13 13:05	1
Acetone	<7.20		50.0	7.20	ug/Kg			06/13/13 13:05	1
1,1-Dichloroethene	<0.190		5.00	0.190	ug/Kg			06/13/13 13:05	1
Acetonitrile	<37.0		50.0	37.0	ug/Kg			06/13/13 13:05	1
1,2-Dichloroethene, Total	<0.500		5.00	0.500	ug/Kg			06/13/13 13:05	1
Benzene	<0.230		5.00	0.230	ug/Kg			06/13/13 13:05	1
1,2-Dichloropropane	<0.150		5.00	0.150	ug/Kg			06/13/13 13:05	1
Benzyl chloride	<0.500		5.00	0.500	ug/Kg			06/13/13 13:05	1
1,3-Dichloropropane	<0.240		5.00	0.240	ug/Kg			06/13/13 13:05	1
Bromobenzene	<0.740		5.00	0.740	ug/Kg			06/13/13 13:05	1
2,2-Dichloropropane	<0.840		5.00	0.840	ug/Kg			06/13/13 13:05	1
Bromochloromethane	<0.900		5.00	0.900	ug/Kg			06/13/13 13:05	1
1,1-Dichloropropene	<0.520		5.00	0.520	ug/Kg			06/13/13 13:05	1
Bromoform	<0.510		5.00	0.510	ug/Kg			06/13/13 13:05	1
1,4-Dioxane	<19.0		100	19.0	ug/Kg			06/13/13 13:05	1
Bromomethane	<1.10		5.00	1.10	ug/Kg			06/13/13 13:05	1
Carbon disulfide	<1.00		5.00	1.00	ug/Kg			06/13/13 13:05	1
Carbon tetrachloride	<0.510		5.00	0.510	ug/Kg			06/13/13 13:05	1
Chlorobenzene	<0.230		5.00	0.230	ug/Kg			06/13/13 13:05	1
Chlorodibromomethane	<0.640		5.00	0.640	ug/Kg			06/13/13 13:05	1
Chloroethane	<0.260		5.00	0.260	ug/Kg			06/13/13 13:05	1
Chloroform	<0.870		5.00	0.870	ug/Kg			06/13/13 13:05	1
Chloromethane	<1.20		5.00	1.20	ug/Kg			06/13/13 13:05	1
cis-1,2-Dichloroethene	<0.570		5.00	0.570	ug/Kg			06/13/13 13:05	1
2-Hexanone	<1.50		10.0	1.50	ug/Kg			06/13/13 13:05	1
cis-1,3-Dichloropropene	<0.141		5.00	0.141	ug/Kg			06/13/13 13:05	1
cis-1,4-Dichloro-2-butene	<0.320		5.00	0.320	ug/Kg			06/13/13 13:05	1
Cyclohexane	<0.990		10.0	0.990	ug/Kg			06/13/13 13:05	1

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

Lab Sample ID: MB 560-89061/8
Matrix: Solid
Analysis Batch: 89061

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexanone	<10.0		100	10.0	ug/Kg			06/13/13 13:05	1
4-Isopropyltoluene	<0.210		5.00	0.210	ug/Kg			06/13/13 13:05	1
Dibromomethane	<0.710		5.00	0.710	ug/Kg			06/13/13 13:05	1
Dichlorobromomethane	<0.190		5.00	0.190	ug/Kg			06/13/13 13:05	1
Dichlorodifluoromethane	<0.730		5.00	0.730	ug/Kg			06/13/13 13:05	1
EDB	<0.170		5.00	0.170	ug/Kg			06/13/13 13:05	1
4-Methyl-2-pentanone (MIBK)	<1.50		10.0	1.50	ug/Kg			06/13/13 13:05	1
Ethyl acetate	<2.81		5.00	2.81	ug/Kg			06/13/13 13:05	1
Ethyl ether	<0.170		5.00	0.170	ug/Kg			06/13/13 13:05	1
Ethyl methacrylate	<0.510		5.00	0.510	ug/Kg			06/13/13 13:05	1
Ethylbenzene	<0.450		5.00	0.450	ug/Kg			06/13/13 13:05	1
Ethylene oxide	<16.0		40.0	16.0	ug/Kg			06/13/13 13:05	1
Hexachlorobutadiene	<0.640		5.00	0.640	ug/Kg			06/13/13 13:05	1
2-Nitropropane	<0.520		5.00	0.520	ug/Kg			06/13/13 13:05	1
Hexane	<1.30		5.00	1.30	ug/Kg			06/13/13 13:05	1
Iodomethane	<0.800		5.00	0.800	ug/Kg			06/13/13 13:05	1
1-Octene	<0.500		5.00	0.500	ug/Kg			06/13/13 13:05	1
Isobutyl alcohol	<68.0		100	68.0	ug/Kg			06/13/13 13:05	1
Isooctane	<0.160		5.00	0.160	ug/Kg			06/13/13 13:05	1
Isopropylbenzene	<0.140		5.00	0.140	ug/Kg			06/13/13 13:05	1
Methacrylonitrile	<2.40		50.0	2.40	ug/Kg			06/13/13 13:05	1
Methyl methacrylate	<1.10		5.00	1.10	ug/Kg			06/13/13 13:05	1
Methyl tert-butyl ether	<0.610		5.00	0.610	ug/Kg			06/13/13 13:05	1
Methylene Chloride	<5.00		25.0	5.00	ug/Kg			06/13/13 13:05	1
m-Xylene & p-Xylene	<0.500		10.0	0.500	ug/Kg			06/13/13 13:05	1
1,1,1,2-Tetrachloroethane	<0.270		5.00	0.270	ug/Kg			06/13/13 13:05	1
Naphthalene	<1.20		10.0	1.20	ug/Kg			06/13/13 13:05	1
1,1,2,2-Tetrachloroethane	<0.380		5.00	0.380	ug/Kg			06/13/13 13:05	1
n-Butylbenzene	<0.270		5.00	0.270	ug/Kg			06/13/13 13:05	1
n-Heptane	<0.530		5.00	0.530	ug/Kg			06/13/13 13:05	1
N-Propylbenzene	<0.210		5.00	0.210	ug/Kg			06/13/13 13:05	1
o-Xylene	<0.220		5.00	0.220	ug/Kg			06/13/13 13:05	1
Pentachloroethane	<1.40		5.00	1.40	ug/Kg			06/13/13 13:05	1
Propionitrile	<4.90		50.0	4.90	ug/Kg			06/13/13 13:05	1
sec-Butylbenzene	<0.200		5.00	0.200	ug/Kg			06/13/13 13:05	1
1,2,3-Trichlorobenzene	<0.440		5.00	0.440	ug/Kg			06/13/13 13:05	1
Styrene	<0.200		5.00	0.200	ug/Kg			06/13/13 13:05	1
1,2,4-Trichlorobenzene	<0.970		5.00	0.970	ug/Kg			06/13/13 13:05	1
1,3,5-Trichlorobenzene	<0.310		5.00	0.310	ug/Kg			06/13/13 13:05	1
tert-Butylbenzene	<0.250		5.00	0.250	ug/Kg			06/13/13 13:05	1
1,1,1-Trichloroethane	<0.700		5.00	0.700	ug/Kg			06/13/13 13:05	1
Tetrachloroethene	<0.740		5.00	0.740	ug/Kg			06/13/13 13:05	1
1,1,2-Trichloroethane	<0.500		5.00	0.500	ug/Kg			06/13/13 13:05	1
Toluene	<0.900		5.00	0.900	ug/Kg			06/13/13 13:05	1
trans-1,2-Dichloroethene	<0.500		5.00	0.500	ug/Kg			06/13/13 13:05	1
1,2,3-Trichloropropane	<0.760		5.00	0.760	ug/Kg			06/13/13 13:05	1
trans-1,3-Dichloropropene	<0.520		5.00	0.520	ug/Kg			06/13/13 13:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.670		5.00	0.670	ug/Kg			06/13/13 13:05	1

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

Lab Sample ID: MB 560-89061/8
Matrix: Solid
Analysis Batch: 89061

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	<0.880		5.00	0.880	ug/Kg			06/13/13 13:05	1
1,2,4-Trimethylbenzene	<0.200		5.00	0.200	ug/Kg			06/13/13 13:05	1
Trichloroethene	<0.280		5.00	0.280	ug/Kg			06/13/13 13:05	1
1,3,5-Trimethylbenzene	<0.210		5.00	0.210	ug/Kg			06/13/13 13:05	1
Trichlorofluoromethane	<0.500		5.00	0.500	ug/Kg			06/13/13 13:05	1
Vinyl acetate	<1.10		5.00	1.10	ug/Kg			06/13/13 13:05	1
Vinyl chloride	<0.600		5.00	0.600	ug/Kg			06/13/13 13:05	1
Xylenes, Total	<0.500		15.0	0.500	ug/Kg			06/13/13 13:05	1

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

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*61 - 136*		*06/13/13 13:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 152*		*06/13/13 13:05*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 136*		*06/13/13 13:05*	*1*
Toluene-d8 (Surr)	*99*		*65 - 139*		*06/13/13 13:05*	*1*

Lab Sample ID: LCS 560-89061/3
Matrix: Solid
Analysis Batch: 89061

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	45.59		ug/Kg		91	18 - 150
1-Chlorohexane	50.0	47.17		ug/Kg		94	62 - 130
1,2-Dibromo-3-Chloropropane	50.0	42.17		ug/Kg		84	49 - 150
2-Butanone (MEK)	50.0	45.82		ug/Kg		92	43 - 149
2-Chloro-1,3-butadiene	50.1	49.37		ug/Kg		99	66 - 133
2-Chlorotoluene	50.0	48.15		ug/Kg		96	70 - 130
1,2-Dichlorobenzene	50.0	45.43		ug/Kg		91	70 - 130
1,3-Dichlorobenzene	50.0	45.83		ug/Kg		92	70 - 130
1,4-Dichlorobenzene	50.0	44.40		ug/Kg		89	70 - 130
3-Chloro-1-propene	50.0	47.60		ug/Kg		95	68 - 135
4-Chlorotoluene	50.0	46.88		ug/Kg		94	70 - 130
1,1-Dichloroethane	50.0	46.91		ug/Kg		94	70 - 130
1,2-Dichloroethane	50.0	44.31		ug/Kg		89	70 - 130
Acetone	50.0	57.33		ug/Kg		115	31 - 172
1,1-Dichloroethene	50.0	49.71		ug/Kg		99	66 - 130
Acetonitrile	500	509.9		ug/Kg		102	10 - 200
1,2-Dichloroethene, Total	100	95.93		ug/Kg		96	70 - 130
Benzene	50.0	46.43		ug/Kg		93	70 - 130
1,2-Dichloropropane	50.0	44.99		ug/Kg		90	70 - 130
Benzyl chloride	50.0	40.11		ug/Kg		80	59 - 145
1,3-Dichloropropane	50.0	42.33		ug/Kg		85	70 - 130
Bromobenzene	50.0	44.51		ug/Kg		89	70 - 130
2,2-Dichloropropane	50.0	52.70		ug/Kg		105	66 - 135
Bromochloromethane	50.0	45.18		ug/Kg		90	70 - 130

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

Lab Sample ID: LCS 560-89061/3
Matrix: Solid
Analysis Batch: 89061

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	50.0	46.50		ug/Kg		93	70 - 130
Bromoform	50.0	41.37		ug/Kg		83	55 - 141
1,4-Dioxane	1000	831.5		ug/Kg		83	24 - 172
Bromomethane	50.0	49.25		ug/Kg		99	35 - 148
Carbon disulfide	50.0	50.21		ug/Kg		100	69 - 154
Carbon tetrachloride	50.0	50.58		ug/Kg		101	70 - 130
Chlorobenzene	50.0	45.22		ug/Kg		90	70 - 130
Chlorodibromomethane	50.0	43.91		ug/Kg		88	70 - 137
Chloroethane	50.0	47.12		ug/Kg		94	42 - 147
Chloroform	50.0	46.29		ug/Kg		93	70 - 130
Chloromethane	50.0	43.35		ug/Kg		87	46 - 140
cis-1,2-Dichloroethene	50.0	47.46		ug/Kg		95	69 - 130
2-Hexanone	50.0	41.39		ug/Kg		83	37 - 170
cis-1,3-Dichloropropene	50.0	44.25		ug/Kg		88	64 - 135
cis-1,4-Dichloro-2-butene	50.0	38.85		ug/Kg		78	52 - 154
Cyclohexane	100	95.82		ug/Kg		96	54 - 130
Cyclohexanone	250	245.6		ug/Kg		98	10 - 200
4-Isopropyltoluene	50.0	50.11		ug/Kg		100	70 - 130
Dibromomethane	50.0	44.72		ug/Kg		89	70 - 130
Dichlorobromomethane	50.0	45.29		ug/Kg		91	70 - 130
Dichlorodifluoromethane	50.0	51.64		ug/Kg		103	16 - 154
EDB	50.0	43.10		ug/Kg		86	70 - 131
4-Methyl-2-pentanone (MIBK)	49.5	43.71		ug/Kg		88	42 - 159
Ethyl acetate	50.0	37.62		ug/Kg		75	46 - 164
Ethyl ether	50.0	42.22		ug/Kg		84	62 - 130
Ethyl methacrylate	50.0	43.47		ug/Kg		87	61 - 151
Ethylbenzene	50.0	47.53		ug/Kg		95	70 - 130
Ethylene oxide	200	139.0		ug/Kg		69	10 - 190
Hexachlorobutadiene	50.0	48.62		ug/Kg		97	56 - 140
2-Nitropropane	50.0	43.80		ug/Kg		88	32 - 158
Hexane	50.0	48.41		ug/Kg		97	61 - 144
Iodomethane	50.0	48.94		ug/Kg		98	70 - 147
1-Octene	50.0	50.29		ug/Kg		101	44 - 156
Isobutyl alcohol	1000	886.3		ug/Kg		89	26 - 169
Isooctane	50.0	51.71		ug/Kg		103	62 - 135
Isopropylbenzene	50.0	49.70		ug/Kg		99	70 - 130
Methacrylonitrile	500	439.4		ug/Kg		88	61 - 140
Methyl methacrylate	50.0	42.78		ug/Kg		86	56 - 139
Methyl tert-butyl ether	50.0	45.56		ug/Kg		91	55 - 144
Methylene Chloride	50.0	43.77		ug/Kg		88	65 - 135
m-Xylene & p-Xylene	100	96.05		ug/Kg		96	70 - 130
1,1,1,2-Tetrachloroethane	50.0	48.47		ug/Kg		97	70 - 130
Naphthalene	50.0	40.78		ug/Kg		82	58 - 151
1,1,2,2-Tetrachloroethane	50.0	45.34		ug/Kg		91	69 - 130
n-Butylbenzene	50.0	50.00		ug/Kg		100	70 - 135
n-Heptane	50.1	49.69		ug/Kg		99	46 - 147
N-Propylbenzene	50.0	49.42		ug/Kg		99	70 - 130
o-Xylene	50.0	48.53		ug/Kg		97	70 - 130

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

Lab Sample ID: LCS 560-89061/3
Matrix: Solid
Analysis Batch: 89061

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pentachloroethane	50.0	48.55		ug/Kg		97	58 - 133
Propionitrile	500	438.5		ug/Kg		88	39 - 164
sec-Butylbenzene	50.0	50.59		ug/Kg		101	70 - 130
1,2,3-Trichlorobenzene	50.0	41.14		ug/Kg		82	58 - 146
Styrene	50.0	46.69		ug/Kg		93	67 - 137
1,2,4-Trichlorobenzene	50.0	45.57		ug/Kg		91	61 - 142
1,3,5-Trichlorobenzene	50.0	46.62		ug/Kg		93	65 - 136
tert-Butylbenzene	50.0	50.85		ug/Kg		102	70 - 130
1,1,1-Trichloroethane	50.0	50.85		ug/Kg		102	70 - 130
Tetrachloroethene	50.0	48.02		ug/Kg		96	66 - 137
1,1,2-Trichloroethane	50.0	43.93		ug/Kg		88	70 - 130
Toluene	50.0	46.30		ug/Kg		93	70 - 130
trans-1,2-Dichloroethene	50.0	48.47		ug/Kg		97	69 - 130
1,2,3-Trichloropropane	50.0	43.72		ug/Kg		87	70 - 142
trans-1,3-Dichloropropene	50.0	39.53		ug/Kg		79	62 - 132
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.36		ug/Kg		103	51 - 130
trans-1,4-Dichloro-2-butene	50.0	41.57		ug/Kg		83	50 - 142
1,2,4-Trimethylbenzene	50.0	48.75		ug/Kg		97	70 - 130
Trichloroethene	50.0	47.98		ug/Kg		96	70 - 135
1,3,5-Trimethylbenzene	50.0	50.16		ug/Kg		100	70 - 130
Trichlorofluoromethane	50.0	54.09		ug/Kg		108	61 - 130
Vinyl acetate	50.0	40.86		ug/Kg		82	56 - 175
Vinyl chloride	50.0	46.77		ug/Kg		94	50 - 140
Xylenes, Total	150	144.6		ug/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*61 - 136*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 152*
Dibromofluoromethane (Surr)	*101*		*50 - 136*
Toluene-d8 (Surr)	*102*		*65 - 139*

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

Lab Sample ID: MB 560-89099/1-A
Matrix: Water
Analysis Batch: 89231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.569		10.0	0.569	ug/L		06/13/13 15:00	06/18/13 13:40	1
Acenaphthylene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Anthracene	<0.404		10.0	0.404	ug/L		06/13/13 15:00	06/18/13 13:40	1
Benzo[a]anthracene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Benzo[b]fluoranthene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Benzo[g,h,i]perylene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Benzo[a]pyrene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Benzo[k]fluoranthene	<0.364		10.0	0.364	ug/L		06/13/13 15:00	06/18/13 13:40	1
Benzyl alcohol	<1.36		10.0	1.36	ug/L		06/13/13 15:00	06/18/13 13:40	1

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

Lab Sample ID: MB 560-89099/1-A
Matrix: Water
Analysis Batch: 89231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.593		10.0	0.593	ug/L		06/13/13 15:00	06/18/13 13:40	1
Bis(2-chloroethyl)ether	<0.705		10.0	0.705	ug/L		06/13/13 15:00	06/18/13 13:40	1
Bis(2-ethylhexyl) phthalate	<5.00		20.0	5.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
4-Bromophenyl phenyl ether	<0.743		10.0	0.743	ug/L		06/13/13 15:00	06/18/13 13:40	1
Butyl benzyl phthalate	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
4-Chloroaniline	<0.456		10.0	0.456	ug/L		06/13/13 15:00	06/18/13 13:40	1
2-Chloronaphthalene	<0.497		10.0	0.497	ug/L		06/13/13 15:00	06/18/13 13:40	1
4-Chlorophenyl phenyl ether	<0.524		10.0	0.524	ug/L		06/13/13 15:00	06/18/13 13:40	1
Chrysene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Dibenz(a,h)anthracene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Dibenzofuran	<0.514		10.0	0.514	ug/L		06/13/13 15:00	06/18/13 13:40	1
1,2-Dichlorobenzene	<0.503		10.0	0.503	ug/L		06/13/13 15:00	06/18/13 13:40	1
1,3-Dichlorobenzene	<2.00		10.0	2.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
1,4-Dichlorobenzene	<0.740		10.0	0.740	ug/L		06/13/13 15:00	06/18/13 13:40	1
3,3'-Dichlorobenzidine	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
Diethyl phthalate	<0.524		10.0	0.524	ug/L		06/13/13 15:00	06/18/13 13:40	1
Dimethyl phthalate	<0.549		10.0	0.549	ug/L		06/13/13 15:00	06/18/13 13:40	1
Di-n-butyl phthalate	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
2,4-Dinitrotoluene	<0.383		10.0	0.383	ug/L		06/13/13 15:00	06/18/13 13:40	1
2,6-Dinitrotoluene	<0.522		10.0	0.522	ug/L		06/13/13 15:00	06/18/13 13:40	1
Di-n-octyl phthalate	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Fluoranthene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Fluorene	<0.608		10.0	0.608	ug/L		06/13/13 15:00	06/18/13 13:40	1
Hexachlorobenzene	<0.652		10.0	0.652	ug/L		06/13/13 15:00	06/18/13 13:40	1
Hexachlorobutadiene	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
Hexachlorocyclopentadiene	<5.00		10.0	5.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
Hexachloroethane	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
Indeno[1,2,3-cd]pyrene	<0.500		10.0	0.500	ug/L		06/13/13 15:00	06/18/13 13:40	1
Isophorone	<0.626		10.0	0.626	ug/L		06/13/13 15:00	06/18/13 13:40	1
2-Methylnaphthalene	<0.429		10.0	0.429	ug/L		06/13/13 15:00	06/18/13 13:40	1
4-Chloro-3-methylphenol	<0.498		10.0	0.498	ug/L		06/13/13 15:00	06/18/13 13:40	1
Naphthalene	<0.477		10.0	0.477	ug/L		06/13/13 15:00	06/18/13 13:40	1
2-Chlorophenol	<0.361		10.0	0.361	ug/L		06/13/13 15:00	06/18/13 13:40	1
2-Nitroaniline	<0.443		10.0	0.443	ug/L		06/13/13 15:00	06/18/13 13:40	1
2,4-Dichlorophenol	<0.387		10.0	0.387	ug/L		06/13/13 15:00	06/18/13 13:40	1
3-Nitroaniline	<1.79		10.0	1.79	ug/L		06/13/13 15:00	06/18/13 13:40	1
2,4-Dimethylphenol	<0.560		10.0	0.560	ug/L		06/13/13 15:00	06/18/13 13:40	1
4-Nitroaniline	<1.46		10.0	1.46	ug/L		06/13/13 15:00	06/18/13 13:40	1
2,4-Dinitrophenol	<0.928		10.0	0.928	ug/L		06/13/13 15:00	06/18/13 13:40	1
Nitrobenzene	<0.336		10.0	0.336	ug/L		06/13/13 15:00	06/18/13 13:40	1
4,6-Dinitro-2-methylphenol	<1.82		10.0	1.82	ug/L		06/13/13 15:00	06/18/13 13:40	1
2-Methylphenol	<0.486		10.0	0.486	ug/L		06/13/13 15:00	06/18/13 13:40	1
3 & 4 Methylphenol	<0.881		20.0	0.881	ug/L		06/13/13 15:00	06/18/13 13:40	1
2-Nitrophenol	<0.408		10.0	0.408	ug/L		06/13/13 15:00	06/18/13 13:40	1
N-Nitrosodi-n-propylamine	<0.650		10.0	0.650	ug/L		06/13/13 15:00	06/18/13 13:40	1
4-Nitrophenol	<1.77		10.0	1.77	ug/L		06/13/13 15:00	06/18/13 13:40	1
N-Nitrosodiphenylamine	<0.509		10.0	0.509	ug/L		06/13/13 15:00	06/18/13 13:40	1
Pentachlorophenol	<5.00		10.0	5.00	ug/L		06/13/13 15:00	06/18/13 13:40	1

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

Lab Sample ID: MB 560-89099/1-A
Matrix: Water
Analysis Batch: 89231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.514		10.0	0.514	ug/L		06/13/13 15:00	06/18/13 13:40	1
Phenol	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
Pyrene	<1.00		10.0	1.00	ug/L		06/13/13 15:00	06/18/13 13:40	1
1,2,4-Trichlorobenzene	<0.585		10.0	0.585	ug/L		06/13/13 15:00	06/18/13 13:40	1
2,4,5-Trichlorophenol	<0.396		10.0	0.396	ug/L		06/13/13 15:00	06/18/13 13:40	1
2,4,6-Trichlorophenol	<0.393		10.0	0.393	ug/L		06/13/13 15:00	06/18/13 13:40	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*06/13/13 15:00*	*06/18/13 13:40*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*27 - 130*	*06/13/13 15:00*	*06/18/13 13:40*	*1*
2-Fluorobiphenyl	*66*		*23 - 130*	*06/13/13 15:00*	*06/18/13 13:40*	*1*
Terphenyl-d14	*68*		*10 - 141*	*06/13/13 15:00*	*06/18/13 13:40*	*1*
Phenol-d5	*76*		*10 - 130*	*06/13/13 15:00*	*06/18/13 13:40*	*1*
2-Fluorophenol	*68*		*10 - 130*	*06/13/13 15:00*	*06/18/13 13:40*	*1*
2,4,6-Tribromophenol	*92*		*18 - 130*	*06/13/13 15:00*	*06/18/13 13:40*	*1*

Lab Sample ID: LCS 560-89099/2-A
Matrix: Water
Analysis Batch: 89231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89099

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	100	84.79		ug/L		85	55 - 130
Acenaphthylene	100	83.65		ug/L		84	52 - 130
Anthracene	100	88.99		ug/L		89	70 - 130
Benzo[a]anthracene	100	86.29		ug/L		86	70 - 130
Benzo[b]fluoranthene	100	96.66		ug/L		97	67 - 133
Benzo[g,h,i]perylene	100	85.70		ug/L		86	69 - 130
Benzo[a]pyrene	100	87.01		ug/L		87	70 - 134
Benzo[k]fluoranthene	100	78.59		ug/L		79	69 - 130
Benzyl alcohol	100	83.93		ug/L		84	44 - 130
Bis(2-chloroethoxy)methane	100	90.18		ug/L		90	44 - 130
Bis(2-chloroethyl)ether	100	83.98		ug/L		84	44 - 130
Bis(2-ethylhexyl) phthalate	100	95.55		ug/L		96	70 - 130
4-Bromophenyl phenyl ether	100	89.16		ug/L		89	68 - 130
Butyl benzyl phthalate	100	101.0		ug/L		101	70 - 130
4-Chloroaniline	100	55.26		ug/L		55	21 - 130
2-Chloronaphthalene	100	76.38		ug/L		76	44 - 130
4-Chlorophenyl phenyl ether	100	85.72		ug/L		86	61 - 130
Chrysene	100	85.36		ug/L		85	70 - 130
Dibenz(a,h)anthracene	100	92.43		ug/L		92	70 - 130
Dibenzofuran	100	83.84		ug/L		84	54 - 130
1,2-Dichlorobenzene	100	56.89		ug/L		57	28 - 130
1,3-Dichlorobenzene	100	52.27		ug/L		52	25 - 130
1,4-Dichlorobenzene	100	53.42		ug/L		53	26 - 130
3,3'-Dichlorobenzidine	140	132.6		ug/L		95	63 - 130

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

Lab Sample ID: LCS 560-89099/2-A
Matrix: Water
Analysis Batch: 89231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89099

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diethyl phthalate	100	92.48		ug/L		92	70 - 130
Dimethyl phthalate	100	89.40		ug/L		89	70 - 130
Di-n-butyl phthalate	100	103.9		ug/L		104	70 - 130
2,4-Dinitrotoluene	100	94.68		ug/L		95	70 - 130
2,6-Dinitrotoluene	100	90.24		ug/L		90	70 - 130
Di-n-octyl phthalate	100	92.71		ug/L		93	70 - 130
Fluoranthene	100	97.84		ug/L		98	70 - 130
Fluorene	100	88.41		ug/L		88	69 - 130
Hexachlorobenzene	100	86.53		ug/L		87	67 - 130
Hexachlorobutadiene	100	57.15		ug/L		57	29 - 130
Hexachlorocyclopentadiene	100	61.22		ug/L		61	10 - 130
Hexachloroethane	100	54.22		ug/L		54	20 - 130
Indeno[1,2,3-cd]pyrene	100	89.87		ug/L		90	70 - 130
Isophorone	100	87.84		ug/L		88	44 - 130
2-Methylnaphthalene	100	73.74		ug/L		74	44 - 130
4-Chloro-3-methylphenol	100	93.84		ug/L		94	55 - 130
Naphthalene	100	69.94		ug/L		70	40 - 130
2-Chlorophenol	100	80.51		ug/L		81	38 - 130
2-Nitroaniline	100	96.58		ug/L		97	58 - 130
2,4-Dichlorophenol	100	83.40		ug/L		83	40 - 130
3-Nitroaniline	100	86.68		ug/L		87	70 - 130
2,4-Dimethylphenol	100	91.68		ug/L		92	41 - 135
4-Nitroaniline	100	92.76		ug/L		93	70 - 130
2,4-Dinitrophenol	100	90.54		ug/L		91	38 - 132
Nitrobenzene	100	96.82		ug/L		97	44 - 130
4,6-Dinitro-2-methylphenol	100	91.13		ug/L		91	67 - 130
2-Methylphenol	100	86.26		ug/L		86	34 - 130
3 & 4 Methylphenol	200	170.3		ug/L		85	29 - 130
2-Nitrophenol	100	85.24		ug/L		85	42 - 130
N-Nitrosodi-n-propylamine	100	99.40		ug/L		99	36 - 130
4-Nitrophenol	100	99.59		ug/L		100	38 - 132
N-Nitrosodiphenylamine	100	89.16		ug/L		89	70 - 130
Pentachlorophenol	100	99.06		ug/L		99	57 - 130
Phenanthrene	100	89.43		ug/L		89	70 - 130
Phenol	100	82.10		ug/L		82	24 - 130
Pyrene	100	86.61		ug/L		87	70 - 130
1,2,4-Trichlorobenzene	100	60.45		ug/L		60	35 - 130
2,4,5-Trichlorophenol	100	84.43		ug/L		84	59 - 130
2,4,6-Trichlorophenol	100	85.68		ug/L		86	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*97*		*27 - 130*
2-Fluorobiphenyl	*74*		*23 - 130*
Terphenyl-d14	*65*		*10 - 141*
Phenol-d5	*82*		*10 - 130*
2-Fluorophenol	*74*		*10 - 130*
2,4,6-Tribromophenol	*103*		*18 - 130*

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

Lab Sample ID: MB 560-89212/1-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89212

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Acenaphthylene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Anthracene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Benzo[a]anthracene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Benzo[b]fluoranthene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Benzo[g,h,i]perylene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Benzo[a]pyrene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Benzo[k]fluoranthene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Benzyl alcohol	<24.4		329	24.4	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Bis(2-chloroethoxy)methane	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Bis(2-chloroethyl)ether	<37.3		329	37.3	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Bis(2-ethylhexyl) phthalate	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
4-Bromophenyl phenyl ether	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Butyl benzyl phthalate	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
4-Chloroaniline	<46.5		329	46.5	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2-Chloronaphthalene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
4-Chlorophenyl phenyl ether	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Chrysene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Dibenz(a,h)anthracene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Dibenzofuran	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
1,2-Dichlorobenzene	<52.0		329	52.0	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
1,3-Dichlorobenzene	<43.7		329	43.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
1,4-Dichlorobenzene	<45.7		329	45.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
3,3'-Dichlorobenzidine	<49.9		329	49.9	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Diethyl phthalate	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Dimethyl phthalate	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Di-n-butyl phthalate	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2,4-Dinitrotoluene	<21.1		329	21.1	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2,6-Dinitrotoluene	<49.9		329	49.9	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Di-n-octyl phthalate	<18.7		329	18.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Fluoranthene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Fluorene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Hexachlorobenzene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Hexachlorobutadiene	<44.6		329	44.6	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Hexachlorocyclopentadiene	<99.8		329	99.8	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Hexachloroethane	<50.0		329	50.0	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Indeno[1,2,3-cd]pyrene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Isophorone	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2-Methylnaphthalene	<31.0		329	31.0	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
4-Chloro-3-methylphenol	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Naphthalene	<41.6		329	41.6	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2-Chlorophenol	<27.7		329	27.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2-Nitroaniline	<22.1		329	22.1	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2,4-Dichlorophenol	<22.7		329	22.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
3-Nitroaniline	<49.9		329	49.9	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2,4-Dimethylphenol	<20.4		329	20.4	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
4-Nitroaniline	<28.0		329	28.0	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2,4-Dinitrophenol	<99.8		329	99.8	ug/Kg		06/17/13 12:00	06/19/13 10:26	1

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

Lab Sample ID: MB 560-89212/1-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89212

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<36.3		329	36.3	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
4,6-Dinitro-2-methylphenol	<49.9		329	49.9	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2-Methylphenol	<32.9		329	32.9	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
3 & 4 Methylphenol	<49.9		668	49.9	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2-Nitrophenol	<17.0		329	17.0	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
N-Nitrosodi-n-propylamine	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
4-Nitrophenol	<30.4		329	30.4	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
N-Nitrosodiphenylamine	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Pentachlorophenol	<99.8		329	99.8	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Phenanthrene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Phenol	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
Pyrene	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
1,2,4-Trichlorobenzene	<45.6		329	45.6	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2,4,5-Trichlorophenol	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1
2,4,6-Trichlorophenol	<16.7		329	16.7	ug/Kg		06/17/13 12:00	06/19/13 10:26	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*06/17/13 12:00*	*06/19/13 10:26*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*48 - 130*	*06/17/13 12:00*	*06/19/13 10:26*	*1*
2-Fluorobiphenyl	*75*		*57 - 130*	*06/17/13 12:00*	*06/19/13 10:26*	*1*
Terphenyl-d14	*72*		*58 - 130*	*06/17/13 12:00*	*06/19/13 10:26*	*1*
Phenol-d5	*84*		*56 - 130*	*06/17/13 12:00*	*06/19/13 10:26*	*1*
2-Fluorophenol	*79*		*48 - 130*	*06/17/13 12:00*	*06/19/13 10:26*	*1*
2,4,6-Tribromophenol	*86*		*30 - 131*	*06/17/13 12:00*	*06/19/13 10:26*	*1*

Lab Sample ID: LCS 560-89212/2-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3330	2906		ug/Kg		87	70 - 130
Acenaphthylene	3330	3024		ug/Kg		91	70 - 130
Anthracene	3330	3155		ug/Kg		95	70 - 130
Benzo[a]anthracene	3330	3306		ug/Kg		99	70 - 130
Benzo[b]fluoranthene	3330	3621		ug/Kg		109	70 - 130
Benzo[g,h,i]perylene	3330	3246		ug/Kg		97	70 - 130
Benzo[a]pyrene	3330	3263		ug/Kg		98	70 - 130
Benzo[k]fluoranthene	3330	3309		ug/Kg		99	70 - 130
Benzyl alcohol	3330	2717		ug/Kg		82	64 - 130
Bis(2-chloroethoxy)methane	3330	2762		ug/Kg		83	68 - 130
Bis(2-chloroethyl)ether	3330	2474		ug/Kg		74	61 - 130
Bis(2-ethylhexyl) phthalate	3330	3662		ug/Kg		110	70 - 130
4-Bromophenyl phenyl ether	3330	3114		ug/Kg		94	70 - 130
Butyl benzyl phthalate	3330	3404		ug/Kg		102	70 - 130
4-Chloroaniline	3330	2102		ug/Kg		63	34 - 130

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

Lab Sample ID: LCS 560-89212/2-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloronaphthalene	3330	2825		ug/Kg		85	69 - 130
4-Chlorophenyl phenyl ether	3330	3104		ug/Kg		93	70 - 130
Chrysene	3330	3415		ug/Kg		103	70 - 130
Dibenz(a,h)anthracene	3330	3292		ug/Kg		99	70 - 130
Dibenzofuran	3330	2795		ug/Kg		84	70 - 130
1,2-Dichlorobenzene	3330	2428		ug/Kg		73	59 - 130
1,3-Dichlorobenzene	3330	2401		ug/Kg		72	60 - 130
1,4-Dichlorobenzene	3330	2455		ug/Kg		74	62 - 130
3,3'-Dichlorobenzidine	5000	3947		ug/Kg		79	41 - 130
Diethyl phthalate	3330	3125		ug/Kg		94	70 - 130
Dimethyl phthalate	3330	3150		ug/Kg		95	70 - 130
Di-n-butyl phthalate	3330	3490		ug/Kg		105	70 - 130
2,4-Dinitrotoluene	3330	3263		ug/Kg		98	70 - 130
2,6-Dinitrotoluene	3330	3095		ug/Kg		93	70 - 130
Di-n-octyl phthalate	3330	3402		ug/Kg		102	70 - 130
Fluoranthene	3330	3418		ug/Kg		103	70 - 130
Fluorene	3330	3117		ug/Kg		94	70 - 130
Hexachlorobenzene	3330	3125		ug/Kg		94	70 - 130
Hexachlorobutadiene	3330	2645		ug/Kg		79	65 - 130
Hexachlorocyclopentadiene	3330	2538		ug/Kg		76	43 - 130
Hexachloroethane	3330	2470		ug/Kg		74	59 - 130
Indeno[1,2,3-cd]pyrene	3330	3305		ug/Kg		99	70 - 130
Isophorone	3330	2677		ug/Kg		80	65 - 130
2-Methylnaphthalene	3330	2719		ug/Kg		82	70 - 130
4-Chloro-3-methylphenol	3330	3132		ug/Kg		94	70 - 130
Naphthalene	3330	2694		ug/Kg		81	70 - 130
2-Chlorophenol	3330	2610		ug/Kg		78	64 - 130
2-Nitroaniline	3330	3832		ug/Kg		115	65 - 142
2,4-Dichlorophenol	3330	2876		ug/Kg		86	70 - 130
3-Nitroaniline	3330	2654		ug/Kg		80	44 - 130
2,4-Dimethylphenol	3330	3194		ug/Kg		96	70 - 130
4-Nitroaniline	3330	3341		ug/Kg		100	70 - 130
2,4-Dinitrophenol	3330	2328		ug/Kg		70	54 - 130
Nitrobenzene	3330	2737		ug/Kg		82	62 - 130
4,6-Dinitro-2-methylphenol	3330	2489		ug/Kg		75	66 - 130
2-Methylphenol	3330	2634		ug/Kg		79	66 - 130
3 & 4 Methylphenol	6660	5897		ug/Kg		89	63 - 130
2-Nitrophenol	3330	2688		ug/Kg		81	69 - 130
N-Nitrosodi-n-propylamine	3330	2700		ug/Kg		81	58 - 130
4-Nitrophenol	3330	3221		ug/Kg		97	62 - 131
N-Nitrosodiphenylamine	3330	3682		ug/Kg		111	70 - 130
Pentachlorophenol	3330	3216		ug/Kg		97	51 - 130
Phenanthrene	3330	3195		ug/Kg		96	70 - 130
Phenol	3330	2784		ug/Kg		84	67 - 130
Pyrene	3330	3406		ug/Kg		102	70 - 130
1,2,4-Trichlorobenzene	3330	2650		ug/Kg		80	66 - 130
2,4,5-Trichlorophenol	3330	3264		ug/Kg		98	70 - 130
2,4,6-Trichlorophenol	3330	3071		ug/Kg		92	70 - 130

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

Lab Sample ID: LCS 560-89212/2-A
Matrix: Solid
Analysis Batch: 89283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89212

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*81*		*48 - 130*
2-Fluorobiphenyl	*81*		*57 - 130*
Terphenyl-d14	*72*		*58 - 130*
Phenol-d5	*84*		*56 - 130*
2-Fluorophenol	*83*		*48 - 130*
2,4,6-Tribromophenol	*98*		*30 - 131*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 640-102361/1-A
Matrix: Water
Analysis Batch: 102442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.00290		0.0500	0.00290	ug/L		06/12/13 11:15	06/14/13 11:44	1
4,4'-DDD	<0.000880		0.100	0.000880	ug/L		06/12/13 11:15	06/14/13 11:44	1
4,4'-DDE	<0.00100		0.100	0.00100	ug/L		06/12/13 11:15	06/14/13 11:44	1
4,4'-DDT	<0.00350		0.100	0.00350	ug/L		06/12/13 11:15	06/14/13 11:44	1
Aldrin	<0.00130		0.0500	0.00130	ug/L		06/12/13 11:15	06/14/13 11:44	1
alpha-BHC	<0.00300		0.0500	0.00300	ug/L		06/12/13 11:15	06/14/13 11:44	1
alpha-Chlordane	<0.000930		0.0500	0.000930	ug/L		06/12/13 11:15	06/14/13 11:44	1
beta-BHC	<0.00400		0.0500	0.00400	ug/L		06/12/13 11:15	06/14/13 11:44	1
Dieldrin	<0.000780		0.100	0.000780	ug/L		06/12/13 11:15	06/14/13 11:44	1
Endosulfan I	<0.000940		0.0500	0.000940	ug/L		06/12/13 11:15	06/14/13 11:44	1
Endosulfan II	<0.00180		0.100	0.00180	ug/L		06/12/13 11:15	06/14/13 11:44	1
Endosulfan sulfate	<0.00280		0.100	0.00280	ug/L		06/12/13 11:15	06/14/13 11:44	1
Endrin	<0.000640		0.100	0.000640	ug/L		06/12/13 11:15	06/14/13 11:44	1
Endrin aldehyde	<0.000790		0.100	0.000790	ug/L		06/12/13 11:15	06/14/13 11:44	1
Endrin ketone	<0.00160		0.100	0.00160	ug/L		06/12/13 11:15	06/14/13 11:44	1
gamma-BHC (Lindane)	<0.00110		0.0500	0.00110	ug/L		06/12/13 11:15	06/14/13 11:44	1
gamma-Chlordane	<0.00160		0.0500	0.00160	ug/L		06/12/13 11:15	06/14/13 11:44	1
Heptachlor	<0.00150		0.0500	0.00150	ug/L		06/12/13 11:15	06/14/13 11:44	1
Heptachlor epoxide	<0.00130		0.0500	0.00130	ug/L		06/12/13 11:15	06/14/13 11:44	1
Methoxychlor	<0.00210		0.500	0.00210	ug/L		06/12/13 11:15	06/14/13 11:44	1
Toxaphene	<0.240		5.00	0.240	ug/L		06/12/13 11:15	06/14/13 11:44	1
Chlordane (technical)	<0.0960		0.500	0.0960	ug/L		06/12/13 11:15	06/14/13 11:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*84*		*10 - 120*	*06/12/13 11:15*	*06/14/13 11:44*	*1*
Tetrachloro-m-xylene	*57*		*10 - 110*	*06/12/13 11:15*	*06/14/13 11:44*	*1*

Lab Sample ID: LCS 640-102361/4-A
Matrix: Water
Analysis Batch: 102442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
delta-BHC	0.100	0.1084		ug/L		108	54 - 124

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

Lab Sample ID: LCS 640-102361/4-A
Matrix: Water
Analysis Batch: 102442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102361

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
4,4'-DDD			0.100	0.1034		ug/L		103	50 - 130		
4,4'-DDE			0.100	0.09686	J	ug/L		97	50 - 130		
4,4'-DDT			0.100	0.09581	J	ug/L		96	36 - 140		
Aldrin			0.100	0.08368		ug/L		84	25 - 135		
alpha-BHC			0.100	0.08637		ug/L		86	47 - 130		
alpha-Chlordane			0.100	0.1001		ug/L		100	50 - 130		
beta-BHC			0.100	0.09974		ug/L		100	50 - 142		
Dieldrin			0.100	0.1055		ug/L		106	30 - 146		
Endosulfan I			0.100	0.09851		ug/L		99	44 - 130		
Endosulfan II			0.100	0.1123		ug/L		112	47 - 130		
Endosulfan sulfate			0.100	0.1085		ug/L		108	50 - 139		
Endrin			0.100	0.1005		ug/L		101	38 - 140		
Endrin aldehyde			0.100	0.1160		ug/L		116	49 - 143		
Endrin ketone			0.100	0.1239		ug/L		124	39 - 144		
gamma-BHC (Lindane)			0.100	0.09340		ug/L		93	36 - 135		
gamma-Chlordane			0.100	0.09859		ug/L		99	50 - 130		
Heptachlor			0.100	0.08785		ug/L		88	26 - 131		
Heptachlor epoxide			0.100	0.1070		ug/L		107	50 - 130		
Methoxychlor			0.100	0.1191	J	ug/L		119	48 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 120*
Tetrachloro-m-xylene	*81*		*10 - 110*

Lab Sample ID: LCSD 640-102361/5-A
Matrix: Water
Analysis Batch: 102442

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102361

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC			0.100	0.1075		ug/L		107	54 - 124	1	30
4,4'-DDD			0.100	0.1051		ug/L		105	50 - 130	2	30
4,4'-DDE			0.100	0.1020		ug/L		102	50 - 130	5	30
4,4'-DDT			0.100	0.09803	J	ug/L		98	36 - 140	2	24
Aldrin			0.100	0.08568		ug/L		86	25 - 135	2	30
alpha-BHC			0.100	0.08935		ug/L		89	47 - 130	3	30
alpha-Chlordane			0.100	0.1030		ug/L		103	50 - 130	3	30
beta-BHC			0.100	0.1032		ug/L		103	50 - 142	3	30
Dieldrin			0.100	0.1094		ug/L		109	30 - 146	4	30
Endosulfan I			0.100	0.1037		ug/L		104	44 - 130	5	30
Endosulfan II			0.100	0.1131		ug/L		113	47 - 130	1	30
Endosulfan sulfate			0.100	0.1109		ug/L		111	50 - 139	2	30
Endrin			0.100	0.1052		ug/L		105	38 - 140	4	32
Endrin aldehyde			0.100	0.1188		ug/L		119	49 - 143	2	30
Endrin ketone			0.100	0.1277		ug/L		128	39 - 144	3	30
gamma-BHC (Lindane)			0.100	0.09546		ug/L		95	36 - 135	2	34
gamma-Chlordane			0.100	0.1000		ug/L		100	50 - 130	1	30
Heptachlor			0.100	0.09069		ug/L		91	26 - 131	3	30
Heptachlor epoxide			0.100	0.1083		ug/L		108	50 - 130	1	30

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

Lab Sample ID: LCSD 640-102361/5-A
Matrix: Water
Analysis Batch: 102442

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102361

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methoxychlor			0.100	0.1192	J	ug/L		119	48 - 144	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*111*		*10 - 120*
Tetrachloro-m-xylene	*95*		*10 - 110*

Lab Sample ID: MB 640-102428/1-A
Matrix: Solid
Analysis Batch: 102507

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	<0.0922		1.67	0.0922	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
4,4'-DDD	<0.0873		3.24	0.0873	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
4,4'-DDE	<0.0834		3.24	0.0834	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
4,4'-DDT	<0.128		3.24	0.128	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Aldrin	<0.0471		1.67	0.0471	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
alpha-BHC	<0.275		1.67	0.275	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
alpha-Chlordane	<0.0559		1.67	0.0559	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
beta-BHC	<0.0697		1.67	0.0697	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Dieldrin	<0.0334		3.24	0.0334	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Endosulfan I	<0.0343		1.67	0.0343	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Endosulfan II	<0.0834		3.24	0.0834	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Endosulfan sulfate	<0.157		3.24	0.157	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Endrin	<0.0883		3.24	0.0883	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Endrin aldehyde	<0.118		3.24	0.118	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Endrin ketone	<0.118		3.24	0.118	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
gamma-BHC (Lindane)	<0.0383		1.67	0.0383	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
gamma-Chlordane	<0.0824		1.67	0.0824	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Heptachlor	<0.118		1.67	0.118	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Heptachlor epoxide	<0.0559		1.67	0.0559	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Methoxychlor	<0.0804		16.7	0.0804	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Toxaphene	<6.57		167	6.57	ug/Kg		06/14/13 10:27	06/17/13 13:54	1
Chlordane (technical)	<2.45		16.7	2.45	ug/Kg		06/14/13 10:27	06/17/13 13:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*30 - 138*	*06/14/13 10:27*	*06/17/13 13:54*	*1*
Tetrachloro-m-xylene	*62*		*30 - 130*	*06/14/13 10:27*	*06/17/13 13:54*	*1*

Lab Sample ID: LCS 640-102428/2-A
Matrix: Solid
Analysis Batch: 102507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102428

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
delta-BHC			6.53	3.139		ug/Kg		48	43 - 130
4,4'-DDD			6.53	4.391		ug/Kg		67	45 - 130
4,4'-DDE			6.53	4.077		ug/Kg		62	48 - 130
4,4'-DDT			6.53	3.908		ug/Kg		60	37 - 116
Aldrin			6.53	3.666		ug/Kg		56	20 - 100

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

Lab Sample ID: LCS 640-102428/2-A
Matrix: Solid
Analysis Batch: 102507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
alpha-BHC	6.53	3.761		ug/Kg		58	32 - 130
alpha-Chlordane	6.53	4.146		ug/Kg		64	48 - 130
beta-BHC	6.53	4.013		ug/Kg		61	45 - 138
Dieldrin	6.53	4.158		ug/Kg		64	20 - 121
Endosulfan I	6.53	3.786		ug/Kg		58	42 - 130
Endosulfan II	6.53	4.776		ug/Kg		73	46 - 130
Endosulfan sulfate	6.53	4.815		ug/Kg		74	43 - 130
Endrin	6.53	4.083		ug/Kg		63	36 - 130
Endrin aldehyde	6.53	4.601		ug/Kg		70	34 - 130
Endrin ketone	6.53	5.406		ug/Kg		83	40 - 130
gamma-BHC (Lindane)	6.53	3.923		ug/Kg		60	20 - 100
gamma-Chlordane	6.53	4.000		ug/Kg		61	45 - 130
Heptachlor	6.53	3.893		ug/Kg		60	20 - 100
Heptachlor epoxide	6.53	4.262		ug/Kg		65	42 - 130
Methoxychlor	6.53	5.075	J	ug/Kg		78	25 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*30 - 138*
Tetrachloro-m-xylene	*63*		*30 - 130*

Lab Sample ID: LCS 640-102428/6-A
Matrix: Solid
Analysis Batch: 102507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102428

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*93*		*30 - 138*
Tetrachloro-m-xylene	*90*		*30 - 130*

Lab Sample ID: LCSD 640-102428/3-A
Matrix: Solid
Analysis Batch: 102507

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC	6.53	3.966		ug/Kg		61	43 - 130	23	50
4,4'-DDD	6.53	4.794		ug/Kg		73	45 - 130	9	50
4,4'-DDE	6.53	4.858		ug/Kg		74	48 - 130	17	50
4,4'-DDT	6.53	4.420		ug/Kg		68	37 - 116	12	50
Aldrin	6.53	4.428		ug/Kg		68	20 - 100	19	50
alpha-BHC	6.53	4.532		ug/Kg		69	32 - 130	19	50
alpha-Chlordane	6.53	4.876		ug/Kg		75	48 - 130	16	50
beta-BHC	6.53	4.804		ug/Kg		74	45 - 138	18	50
Dieldrin	6.53	5.111		ug/Kg		78	20 - 121	21	50
Endosulfan I	6.53	4.708		ug/Kg		72	42 - 130	22	50
Endosulfan II	6.53	5.243		ug/Kg		80	46 - 130	9	50
Endosulfan sulfate	6.53	5.175		ug/Kg		79	43 - 130	7	50
Endrin	6.53	4.906		ug/Kg		75	36 - 130	18	50
Endrin aldehyde	6.53	5.150		ug/Kg		79	34 - 130	11	50
Endrin ketone	6.53	6.329		ug/Kg		97	40 - 130	16	50

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

Lab Sample ID: LCSD 640-102428/3-A
Matrix: Solid
Analysis Batch: 102507

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102428

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
gamma-BHC (Lindane)			6.53	4.770		ug/Kg		73	20 - 100	19	50
gamma-Chlordane			6.53	4.740		ug/Kg		73	45 - 130	17	50
Heptachlor			6.53	4.878		ug/Kg		75	20 - 100	22	50
Heptachlor epoxide			6.53	5.123		ug/Kg		78	42 - 130	18	50
Methoxychlor			6.53	5.482	J	ug/Kg		84	25 - 130	8	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*30 - 138*
Tetrachloro-m-xylene	*86*		*30 - 130*

Lab Sample ID: LCSD 640-102428/7-A
Matrix: Solid
Analysis Batch: 102507

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102428

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*30 - 138*
Tetrachloro-m-xylene	*91*		*30 - 130*

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

Lab Sample ID: MB 560-88971/1-A
Matrix: Water
Analysis Batch: 89071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1221	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1232	<0.440		0.799	0.440	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1242	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1248	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1254	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1260	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1262	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1
Aroclor 1268	<0.110		0.599	0.110	ug/L		06/11/13 13:59	06/13/13 13:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*42 - 133*	*06/11/13 13:59*	*06/13/13 13:08*	*1*
Tetrachloro-m-xylene	*78*		*25 - 140*	*06/11/13 13:59*	*06/13/13 13:08*	*1*

Lab Sample ID: LCS 560-88971/2-A
Matrix: Water
Analysis Batch: 89071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88971

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016			11.4	10.50		ug/L		92	50 - 135
Aroclor 1260			11.4	9.816		ug/L		86	50 - 135

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

Lab Sample ID: LCS 560-88971/2-A
Matrix: Water
Analysis Batch: 89071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88971

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*42 - 133*
Tetrachloro-m-xylene	*81*		*25 - 140*

Lab Sample ID: MB 560-89028/1-A
Matrix: Solid
Analysis Batch: 89102

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1221	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1232	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1242	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1248	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1254	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1260	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1262	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1
Aroclor 1268	<0.00509		0.0330	0.00509	mg/Kg		06/12/13 10:30	06/14/13 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*57 - 138*	*06/12/13 10:30*	*06/14/13 10:55*	*1*
Tetrachloro-m-xylene	*107*		*32 - 132*	*06/12/13 10:30*	*06/14/13 10:55*	*1*

Lab Sample ID: LCS 560-89028/2-A
Matrix: Solid
Analysis Batch: 89102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89028

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.332	0.3351		mg/Kg		101	40 - 130		
Aroclor 1260			0.332	0.3224		mg/Kg		97	40 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*122*		*57 - 138*
Tetrachloro-m-xylene	*107*		*32 - 132*

Lab Sample ID: 560-40484-2 MS
Matrix: Solid
Analysis Batch: 89102

Client Sample ID: HCS 320
Prep Type: Total/NA
Prep Batch: 89028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016	<0.00797		0.521	0.6097		mg/Kg	☼	117	40 - 130		
Aroclor 1260	<0.00797		0.521	0.5409		mg/Kg	☼	104	40 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*125*		*57 - 138*
Tetrachloro-m-xylene	*119*		*32 - 132*

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

Lab Sample ID: 560-40484-2 MSD
Matrix: Solid
Analysis Batch: 89102

Client Sample ID: HCS 320
Prep Type: Total/NA
Prep Batch: 89028

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	<0.00797		0.521	0.6033		mg/Kg	☼	116	40 - 130	1	50
Aroclor 1260	<0.00797		0.521	0.5275		mg/Kg	☼	101	40 - 130	3	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*120*		*57 - 138*
Tetrachloro-m-xylene	*119*		*32 - 132*

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 640-102361/1-A
Matrix: Water
Analysis Batch: 102454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		06/12/13 11:15	06/14/13 17:01	1
Bolstar	<0.0950		1.00	0.0950	ug/L		06/12/13 11:15	06/14/13 17:01	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		06/12/13 11:15	06/14/13 17:01	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		06/12/13 11:15	06/14/13 17:01	1
Demeton-O	<0.110		2.50	0.110	ug/L		06/12/13 11:15	06/14/13 17:01	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		06/12/13 11:15	06/14/13 17:01	1
Diazinon	<0.110		1.00	0.110	ug/L		06/12/13 11:15	06/14/13 17:01	1
Dichlorvos	<0.260		2.00	0.260	ug/L		06/12/13 11:15	06/14/13 17:01	1
Dimethoate	<0.320		2.00	0.320	ug/L		06/12/13 11:15	06/14/13 17:01	1
Disulfoton	<0.120		2.00	0.120	ug/L		06/12/13 11:15	06/14/13 17:01	1
EPN	<0.0710		1.00	0.0710	ug/L		06/12/13 11:15	06/14/13 17:01	1
Famphur	<0.110		2.00	0.110	ug/L		06/12/13 11:15	06/14/13 17:01	1
Fensulfothion	<0.170		5.00	0.170	ug/L		06/12/13 11:15	06/14/13 17:01	1
Fenthion	<0.110		1.00	0.110	ug/L		06/12/13 11:15	06/14/13 17:01	1
Malathion	<0.0920		1.00	0.0920	ug/L		06/12/13 11:15	06/14/13 17:01	1
Merphos	<0.130		1.00	0.130	ug/L		06/12/13 11:15	06/14/13 17:01	1
Methyl parathion	<0.120		0.500	0.120	ug/L		06/12/13 11:15	06/14/13 17:01	1
Mevinphos	<0.150		2.00	0.150	ug/L		06/12/13 11:15	06/14/13 17:01	1
Ethoprop	<0.410		0.500	0.410	ug/L		06/12/13 11:15	06/14/13 17:01	1
Monochrotophos	<2.60		10.0	2.60	ug/L		06/12/13 11:15	06/14/13 17:01	1
Naled	<0.360		5.00	0.360	ug/L		06/12/13 11:15	06/14/13 17:01	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		06/12/13 11:15	06/14/13 17:01	1
Phorate	<0.160		1.00	0.160	ug/L		06/12/13 11:15	06/14/13 17:01	1
Ronnel	<0.130		1.00	0.130	ug/L		06/12/13 11:15	06/14/13 17:01	1
Stirophos	<0.0840		1.00	0.0840	ug/L		06/12/13 11:15	06/14/13 17:01	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		06/12/13 11:15	06/14/13 17:01	1
Thionazin	<0.0610		1.00	0.0610	ug/L		06/12/13 11:15	06/14/13 17:01	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		06/12/13 11:15	06/14/13 17:01	1
Trichloronate	<0.110		1.00	0.110	ug/L		06/12/13 11:15	06/14/13 17:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*115*		*37 - 139*	*06/12/13 11:15*	*06/14/13 17:01*	*1*

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: LCS 640-102361/2-A
Matrix: Water
Analysis Batch: 102454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Azinphos-methyl	2.50	1.710		ug/L		68	50 - 130
Bolstar	2.50	2.437		ug/L		97	50 - 130
Chlorpyrifos	2.50	2.950		ug/L		118	50 - 130
Coumaphos	2.50	2.327		ug/L		93	50 - 130
Diazinon	2.50	3.123		ug/L		125	42 - 132
Dichlorvos	2.50	2.892		ug/L		116	50 - 130
EPN	2.50	3.064		ug/L		123	50 - 130
Famphur	2.50	2.265		ug/L		91	50 - 130
Fensulfothion	2.50	2.059	J	ug/L		82	50 - 130
Fenthion	2.50	2.967		ug/L		119	50 - 130
Malathion	2.50	2.997		ug/L		120	50 - 130
Methyl parathion	2.50	2.889		ug/L		116	43 - 140
Mevinphos	2.50	2.881		ug/L		115	50 - 130
Ethoprop	2.50	3.215		ug/L		129	50 - 130
Monochrotophos	10.0	5.969	J	ug/L		60	10 - 100
Naled	10.0	9.305		ug/L		93	50 - 130
Ethyl Parathion	2.50	2.947		ug/L		118	49 - 134
Phorate	2.50	2.528		ug/L		101	50 - 130
Ronnel	2.50	2.967		ug/L		119	38 - 124
Tokuthion	2.50	3.065		ug/L		123	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*100*		*37 - 139*

Lab Sample ID: LCSD 640-102361/3-A
Matrix: Water
Analysis Batch: 102454

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102361

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	2.50	2.050		ug/L		82	50 - 130	18	30
Bolstar	2.50	2.614		ug/L		105	50 - 130	7	30
Chlorpyrifos	2.50	2.991		ug/L		120	50 - 130	1	30
Coumaphos	2.50	2.410		ug/L		96	50 - 130	3	30
Diazinon	2.50	2.946		ug/L		118	42 - 132	6	30
Dichlorvos	2.50	2.499		ug/L		100	50 - 130	15	30
EPN	2.50	3.341	*	ug/L		134	50 - 130	9	30
Famphur	2.50	2.491		ug/L		100	50 - 130	10	30
Fensulfothion	2.50	2.253	J	ug/L		90	50 - 130	9	30
Fenthion	2.50	2.795		ug/L		112	50 - 130	6	30
Malathion	2.50	3.038		ug/L		122	50 - 130	1	30
Methyl parathion	2.50	3.037		ug/L		121	43 - 140	5	30
Mevinphos	2.50	2.684		ug/L		107	50 - 130	7	30
Ethoprop	2.50	3.021		ug/L		121	50 - 130	6	30
Monochrotophos	10.0	4.504	J	ug/L		45	10 - 100	28	30
Naled	10.0	11.09		ug/L		111	50 - 130	17	30
Ethyl Parathion	2.50	2.937		ug/L		117	49 - 134	0	30
Phorate	2.50	2.377		ug/L		95	50 - 130	6	30
Ronnel	2.50	3.054		ug/L		122	38 - 124	3	30

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: LCSD 640-102361/3-A
Matrix: Water
Analysis Batch: 102454

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102361

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tokuthion			2.50	3.229		ug/L		129	50 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Triphenylphosphate	*100*		*37 - 139*

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

Lab Sample ID: MB 640-102428/1-A
Matrix: Solid
Analysis Batch: 102704

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<14.7		64.7	14.7	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Bolstar	<4.61		32.4	4.61	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Chlorpyrifos	<6.67		32.4	6.67	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Coumaphos	<21.6		324	21.6	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Demeton-O	<2.55		81.4	2.55	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Demeton-S	<5.49		81.4	5.49	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Diazinon	<5.59		32.4	5.59	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Dichlorvos	<6.28		64.7	6.28	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Dimethoate	<8.63		64.7	8.63	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Disulfoton	<15.7		64.7	15.7	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
EPN	<4.41		32.4	4.41	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Famphur	<8.14		64.7	8.14	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Fensulfothion	<11.8		324	11.8	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Fenthion	<4.61		32.4	4.61	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Malathion	<8.04		32.4	8.04	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Merphos	<10.8		32.4	10.8	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Methyl parathion	<5.30		16.7	5.30	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Mevinphos	<4.51		64.7	4.51	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Ethoprop	<4.12		16.7	4.12	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Monochrotophos	<45.1		324	45.1	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Naled	<21.6		324	21.6	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Ethyl Parathion	<5.40		32.4	5.40	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Phorate	<5.30		32.4	5.30	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Ronnel	<4.12		32.4	4.12	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Stirophos	<6.28		32.4	6.28	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Sulfotepp	<8.44		16.7	8.44	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Thionazin	<9.81		32.4	9.81	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Tokuthion	<5.30		32.4	5.30	ug/Kg		06/14/13 10:27	06/21/13 15:33	1
Trichloronate	<7.46		324	7.46	ug/Kg		06/14/13 10:27	06/21/13 15:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*96*		*35 - 134*	*06/14/13 10:27*	*06/21/13 15:33*	*1*

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

Lab Sample ID: LCS 640-102428/10-A
Matrix: Solid
Analysis Batch: 102704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Azinphos-methyl	163	209.4	*	ug/Kg		128	52 - 122
Bolstar	163	144.1		ug/Kg		88	55 - 141
Chlorpyrifos	163	121.4		ug/Kg		74	40 - 132
Coumaphos	163	192.8	J	ug/Kg		118	47 - 160
Diazinon	163	76.52		ug/Kg		47	36 - 113
Dichlorvos	163	77.69		ug/Kg		48	10 - 154
EPN	163	154.3		ug/Kg		95	68 - 159
Famphur	163	159.5		ug/Kg		98	53 - 118
Fensulfothion	163	166.8	J	ug/Kg		102	33 - 168
Fenthion	163	130.7		ug/Kg		80	41 - 136
Malathion	163	134.8		ug/Kg		83	45 - 125
Methyl parathion	163	133.0		ug/Kg		81	44 - 126
Mevinphos	163	99.28		ug/Kg		61	10 - 156
Ethoprop	163	87.95		ug/Kg		54	23 - 134
Monochrotophos	653	850.7		ug/Kg		130	15 - 167
Naled	653	257.7	J	ug/Kg		39	13 - 102
Ethyl Parathion	163	112.6		ug/Kg		69	53 - 126
Phorate	163	90.23		ug/Kg		55	17 - 142
Ronnel	163	102.5		ug/Kg		63	36 - 134
Tokuthion	163	144.0		ug/Kg		88	48 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*99*		*35 - 134*

Lab Sample ID: LCSD 640-102428/11-A
Matrix: Solid
Analysis Batch: 102704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	162	209.1	*	ug/Kg		129	52 - 122	0	30
Bolstar	162	144.8		ug/Kg		89	55 - 141	0	30
Chlorpyrifos	162	141.3		ug/Kg		87	40 - 132	15	30
Coumaphos	162	186.5	J	ug/Kg		115	47 - 160	3	30
Diazinon	162	90.54		ug/Kg		56	36 - 113	17	38
Dichlorvos	162	113.6		ug/Kg		70	10 - 154	38	51
EPN	162	154.0		ug/Kg		95	68 - 159	0	30
Famphur	162	155.1		ug/Kg		96	53 - 118	3	30
Fensulfothion	162	149.2	J	ug/Kg		92	33 - 168	11	30
Fenthion	162	139.6		ug/Kg		86	41 - 136	7	30
Malathion	162	127.9		ug/Kg		79	45 - 125	5	30
Methyl parathion	162	145.2		ug/Kg		90	44 - 126	9	30
Mevinphos	162	138.2		ug/Kg		85	10 - 156	33	50
Ethoprop	162	126.9		ug/Kg		78	23 - 134	36	45
Monochrotophos	649	644.1		ug/Kg		99	15 - 167	28	60
Naled	649	416.3		ug/Kg		64	13 - 102	47	53
Ethyl Parathion	162	119.7		ug/Kg		74	53 - 126	6	30

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

Lab Sample ID: LCSD 640-102428/11-A
Matrix: Solid
Analysis Batch: 102704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phorate	162	141.1		ug/Kg		87	17 - 142	44	46
Ronnel	162	116.0		ug/Kg		72	36 - 134	12	35
Tokuthion	162	151.4		ug/Kg		93	48 - 142	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Triphenylphosphate	*104*		*35 - 134*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-280273/6-A
Matrix: Water
Analysis Batch: 280566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 280273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.0370		0.500	0.0370	ug/L		06/13/13 07:55	06/14/13 14:13	1
2,4-DB	<0.150		0.500	0.150	ug/L		06/13/13 07:55	06/14/13 14:13	1
Dalapon	<0.100		10.0	0.100	ug/L		06/13/13 07:55	06/14/13 14:13	1
Dicamba	<0.0850		0.500	0.0850	ug/L		06/13/13 07:55	06/14/13 14:13	1
Dichlorprop	<0.150		0.500	0.150	ug/L		06/13/13 07:55	06/14/13 14:13	1
Dinoseb	<0.160		6.00	0.160	ug/L		06/13/13 07:55	06/14/13 14:13	1
MCPA	<17.0		120	17.0	ug/L		06/13/13 07:55	06/14/13 14:13	1
Pentachlorophenol	<0.0370		0.250	0.0370	ug/L		06/13/13 07:55	06/14/13 14:13	1
Mecoprop	<19.0		120	19.0	ug/L		06/13/13 07:55	06/14/13 14:13	1
Silvex (2,4,5-TP)	<0.0620		0.500	0.0620	ug/L		06/13/13 07:55	06/14/13 14:13	1
2,4,5-T	<0.0620		0.500	0.0620	ug/L		06/13/13 07:55	06/14/13 14:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*91*	*p*	*52 - 151*	*06/13/13 07:55*	*06/14/13 14:13*	*1*

Lab Sample ID: LCS 680-280273/7-A
Matrix: Water
Analysis Batch: 280566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 280273

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	2.00	1.591		ug/L		80	63 - 130
2,4-DB	2.00	2.115		ug/L		106	34 - 157
Dalapon	10.0	6.093	J	ug/L		61	24 - 130
Dicamba	2.00	1.821		ug/L		91	66 - 130
Dichlorprop	2.00	1.611		ug/L		81	65 - 152
Dinoseb	2.00	1.195	J	ug/L		60	10 - 130
MCPA	200	160.5		ug/L		80	40 - 130
Pentachlorophenol	1.34	1.230		ug/L		92	70 - 130
Mecoprop	200	208.6		ug/L		104	53 - 130
Silvex (2,4,5-TP)	2.00	1.714		ug/L		86	64 - 130
2,4,5-T	2.00	1.543		ug/L		77	59 - 130

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

Lab Sample ID: LCS 680-280273/7-A
Matrix: Water
Analysis Batch: 280566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 280273

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCAA	78	p	52 - 151

Lab Sample ID: MB 680-280649/12-A
Matrix: Solid
Analysis Batch: 281161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 280649

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<4.99		8.28	4.99	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
2,4-DB	<2.99		8.28	2.99	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
Dalapon	<2.89		329	2.89	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
Dicamba	<1.89		8.28	1.89	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
Dichlorprop	<1.10		8.28	1.10	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
Dinoseb	<4.59		99.7	4.59	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
MCPA	<189		1990	189	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
Pentachlorophenol	<0.419		8.28	0.419	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
Mecoprop	<169		1990	169	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
Silvex (2,4,5-TP)	<1.60		8.28	1.60	ug/Kg		06/18/13 08:26	06/19/13 21:01	1
2,4,5-T	<2.29		8.28	2.29	ug/Kg		06/18/13 08:26	06/19/13 21:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	80	p	35 - 137	06/18/13 08:26	06/19/13 21:01	1

Lab Sample ID: LCS 680-280649/13-A
Matrix: Solid
Analysis Batch: 281161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 280649

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	65.9	53.78		ug/Kg		82	47 - 130
2,4-DB	65.9	53.79		ug/Kg		82	10 - 130
Dalapon	65.9	70.15	J	ug/Kg		106	34 - 130
Dicamba	65.9	55.26		ug/Kg		84	45 - 130
Dichlorprop	65.9	33.91		ug/Kg		51	39 - 130
Dinoseb	65.9	42.99	J	ug/Kg		65	10 - 130
MCPA	6590	4722		ug/Kg		72	36 - 130
Pentachlorophenol	65.9	46.02		ug/Kg		70	50 - 130
Mecoprop	6590	5933		ug/Kg		90	29 - 130
Silvex (2,4,5-TP)	65.9	50.00		ug/Kg		76	24 - 130
2,4,5-T	65.9	48.12		ug/Kg		73	32 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCAA	68	p	35 - 137

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

Lab Sample ID: LCSD 680-280649/14-A
Matrix: Solid
Analysis Batch: 281161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 280649

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D			66.4	55.27		ug/Kg		83	47 - 130	3	50
2,4-DB			66.4	56.31		ug/Kg		85	10 - 130	5	50
Dalapon			66.4	42.30	J p	ug/Kg		64	34 - 130	50	50
Dicamba			66.4	50.77		ug/Kg		76	45 - 130	8	50
Dichlorprop			66.4	38.82		ug/Kg		58	39 - 130	14	50
Dinoseb			66.4	39.61	J	ug/Kg		60	10 - 130	8	50
MCPA			6640	4212		ug/Kg		63	36 - 130	11	50
Pentachlorophenol			66.4	41.70		ug/Kg		63	50 - 130	10	50
Mecoprop			6640	5212		ug/Kg		78	29 - 130	13	50
Silvex (2,4,5-TP)			66.4	46.30		ug/Kg		70	24 - 130	8	50
2,4,5-T			66.4	46.39		ug/Kg		70	32 - 130	4	50

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

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-89014/1-A
Matrix: Water
Analysis Batch: 89149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	<70.7		500	70.7	ug/L		06/12/13 12:45	06/14/13 13:00	1

Lab Sample ID: LCS 560-89014/2-A
Matrix: Water
Analysis Batch: 89149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89014

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silicon			10000	9487		ug/L		95	80 - 120		

Lab Sample ID: MB 560-89423/1-A
Matrix: Solid
Analysis Batch: 89568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89423

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	<6.32		20.0	6.32	mg/Kg		06/21/13 10:15	06/25/13 10:18	1

Lab Sample ID: LCS 560-89423/2-A
Matrix: Solid
Analysis Batch: 89568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89423

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silicon			500	471.2		mg/Kg		94	80 - 120		

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 560-89127/1-A
Matrix: Water
Analysis Batch: 89227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.198		0.500	0.198	mg/L		06/14/13 13:20	06/17/13 12:16	1
Arsenic	<1.09		5.00	1.09	ug/L		06/14/13 13:20	06/17/13 12:16	1
Magnesium	<0.113		0.500	0.113	mg/L		06/14/13 13:20	06/17/13 12:16	1
Barium	<0.810		5.00	0.810	ug/L		06/14/13 13:20	06/17/13 12:16	1
Sodium	<0.727		1.00	0.727	mg/L		06/14/13 13:20	06/17/13 12:16	1
Beryllium	<1.24		4.00	1.24	ug/L		06/14/13 13:20	06/17/13 12:16	1
Strontium	<0.768		5.00	0.768	ug/L		06/14/13 13:20	06/17/13 12:16	1
Cadmium	<0.854		2.00	0.854	ug/L		06/14/13 13:20	06/17/13 12:16	1
Chromium	2.453	J	5.00	1.40	ug/L		06/14/13 13:20	06/17/13 12:16	1
Copper	<2.00		10.0	2.00	ug/L		06/14/13 13:20	06/17/13 12:16	1
Lead	<0.733		5.00	0.733	ug/L		06/14/13 13:20	06/17/13 12:16	1
Manganese	<11.6		50.0	11.6	ug/L		06/14/13 13:20	06/17/13 12:16	1
Nickel	<2.17		5.00	2.17	ug/L		06/14/13 13:20	06/17/13 12:16	1
Selenium	<1.08		5.00	1.08	ug/L		06/14/13 13:20	06/17/13 12:16	1
Antimony	<1.61		5.00	1.61	ug/L		06/14/13 13:20	06/17/13 12:16	1
Silver	<0.941		5.00	0.941	ug/L		06/14/13 13:20	06/17/13 12:16	1
Aluminum	<22.5		50.0	22.5	ug/L		06/14/13 13:20	06/17/13 12:16	1
Thallium	<0.693		2.00	0.693	ug/L		06/14/13 13:20	06/17/13 12:16	1
Iron	<101		250	101	ug/L		06/14/13 13:20	06/17/13 12:16	1
Zinc	4.601	J	25.0	3.55	ug/L		06/14/13 13:20	06/17/13 12:16	1

Lab Sample ID: LCS 560-89127/2-A
Matrix: Water
Analysis Batch: 89227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	50.0	52.69		mg/L		105	80 - 120
Arsenic	500	489.9		ug/L		98	80 - 120
Magnesium	50.0	58.37		mg/L		117	80 - 120
Barium	500	482.4		ug/L		96	80 - 120
Sodium	50.0	60.06		mg/L		120	80 - 120
Beryllium	700	634.4		ug/L		91	80 - 120
Cadmium	500	494.2		ug/L		99	80 - 120
Chromium	500	509.2		ug/L		102	80 - 120
Copper	500	493.1		ug/L		99	80 - 120
Lead	500	530.6		ug/L		106	80 - 120
Nickel	500	496.8		ug/L		99	80 - 120
Selenium	500	492.7		ug/L		99	80 - 120
Antimony	500	443.9		ug/L		89	80 - 120
Silver	500	501.6		ug/L		100	80 - 120
Aluminum	50000	50370		ug/L		101	80 - 120
Thallium	200	203.7		ug/L		102	80 - 120
Iron	50000	48030		ug/L		96	80 - 120
Zinc	500	479.1		ug/L		96	80 - 120

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

Lab Sample ID: LCS 560-89127/2-A
Matrix: Water
Analysis Batch: 89332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Strontium	500	596.7		ug/L		119	80 - 120
Manganese	5000	6006		ug/L		120	80 - 120

Lab Sample ID: MB 560-89301/1-A
Matrix: Solid
Analysis Batch: 89406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<13.8		25.0	13.8	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Magnesium	<5.47		25.0	5.47	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Barium	<0.109		0.250	0.109	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Sodium	<28.1		50.0	28.1	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Beryllium	<0.0876		0.250	0.0876	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Strontium	<0.0611		0.250	0.0611	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Cadmium	<0.0721		0.250	0.0721	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Chromium	<0.112		0.250	0.112	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Copper	<0.177		0.500	0.177	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Lead	<0.205		0.500	0.205	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Manganese	<0.603		2.50	0.603	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Antimony	<0.0961		0.250	0.0961	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Aluminum	<1.20		2.50	1.20	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Iron	<5.53		25.0	5.53	mg/Kg		06/19/13 11:15	06/20/13 20:54	1
Zinc	<0.768		1.25	0.768	mg/Kg		06/19/13 11:15	06/20/13 20:54	1

Lab Sample ID: MB 560-89301/1-A
Matrix: Solid
Analysis Batch: 89464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<13.8		25.0	13.8	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Potassium	<24.5		50.0	24.5	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Arsenic	<0.0499		0.250	0.0499	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Magnesium	<5.47		25.0	5.47	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Barium	<0.109		0.250	0.109	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Sodium	<28.1		50.0	28.1	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Beryllium	<0.0876		0.250	0.0876	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Strontium	<0.0611		0.250	0.0611	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Cadmium	<0.0721		0.250	0.0721	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Chromium	<0.112		0.250	0.112	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Copper	<0.177		0.500	0.177	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Lead	<0.205		0.500	0.205	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Manganese	<0.603		2.50	0.603	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Nickel	<0.133		0.250	0.133	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Selenium	<0.0435		0.250	0.0435	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Antimony	<0.0961		0.250	0.0961	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Silver	<0.0686		0.250	0.0686	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Aluminum	<1.20		2.50	1.20	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Thallium	<0.0689		0.250	0.0689	mg/Kg		06/19/13 11:15	06/21/13 18:47	1

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

Lab Sample ID: MB 560-89301/1-A
Matrix: Solid
Analysis Batch: 89464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<5.53		25.0	5.53	mg/Kg		06/19/13 11:15	06/21/13 18:47	1
Zinc	<0.768		1.25	0.768	mg/Kg		06/19/13 11:15	06/21/13 18:47	1

Lab Sample ID: LCS 560-89301/2-A
Matrix: Solid
Analysis Batch: 89406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	2500	2497		mg/Kg		100	80 - 120
Magnesium	2500	2940		mg/Kg		118	80 - 120
Barium	25.0	23.10		mg/Kg		92	80 - 120
Sodium	2500	2991		mg/Kg		120	80 - 120
Strontium	25.0	32.49		mg/Kg		130	80 - 120
Chromium	25.0	22.77		mg/Kg		91	80 - 120
Lead	25.0	25.02		mg/Kg		100	80 - 120
Manganese	250	310.8		mg/Kg		124	80 - 120
Antimony	25.0	21.11		mg/Kg		84	80 - 120
Aluminum	2500	2386		mg/Kg		95	80 - 120
Iron	2500	2435		mg/Kg		97	80 - 120
Zinc	25.0	25.42		mg/Kg		102	80 - 120

Lab Sample ID: LCS 560-89301/2-A
Matrix: Solid
Analysis Batch: 89464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	2500	2664		mg/Kg		107	80 - 120
Potassium	2500	2574		mg/Kg		103	80 - 120
Arsenic	25.0	24.87		mg/Kg		99	80 - 120
Barium	25.0	26.17		mg/Kg		105	80 - 120
Sodium	2500	3254		mg/Kg		130	80 - 120
Beryllium	35.0	35.10		mg/Kg		100	80 - 120
Cadmium	25.0	24.54		mg/Kg		98	80 - 120
Chromium	25.0	24.35		mg/Kg		97	80 - 120
Copper	25.0	23.71		mg/Kg		95	80 - 120
Lead	25.0	26.53		mg/Kg		106	80 - 120
Nickel	25.0	23.88		mg/Kg		96	80 - 120
Selenium	25.0	24.84		mg/Kg		99	80 - 120
Antimony	25.0	23.29		mg/Kg		93	80 - 120
Silver	25.0	23.94		mg/Kg		96	80 - 120
Thallium	10.0	9.410		mg/Kg		94	80 - 120
Iron	2500	2410		mg/Kg		96	80 - 120
Zinc	25.0	24.88		mg/Kg		100	80 - 120

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

Lab Sample ID: LCS 560-89301/2-A
Matrix: Solid
Analysis Batch: 89525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	2500	2513		mg/Kg		101	80 - 120
Potassium	2500	2375		mg/Kg		95	80 - 120
Arsenic	25.0	25.82		mg/Kg		103	80 - 120
Magnesium	2500	2275		mg/Kg		91	80 - 120
Barium	25.0	25.24		mg/Kg		101	80 - 120
Sodium	2500	2060		mg/Kg		82	80 - 120
Beryllium	35.0	32.33		mg/Kg		92	80 - 120
Strontium	25.0	23.97		mg/Kg		96	80 - 120
Cadmium	25.0	25.43		mg/Kg		102	80 - 120
Chromium	25.0	23.90		mg/Kg		96	80 - 120
Copper	25.0	24.32		mg/Kg		97	80 - 120
Lead	25.0	24.94		mg/Kg		100	80 - 120
Manganese	250	228.7		mg/Kg		91	80 - 120
Nickel	25.0	24.21		mg/Kg		97	80 - 120
Selenium	25.0	25.78		mg/Kg		103	80 - 120
Antimony	25.0	22.53		mg/Kg		90	80 - 120
Silver	25.0	25.08		mg/Kg		100	80 - 120
Aluminum	2500	2504		mg/Kg		100	80 - 120
Thallium	10.0	9.430		mg/Kg		94	80 - 120
Iron	2500	2273		mg/Kg		91	80 - 120
Zinc	25.0	24.87		mg/Kg		99	80 - 120

Lab Sample ID: 560-40484-1 MS
Matrix: Solid
Analysis Batch: 89406

Client Sample ID: HCS 310
Prep Type: Total/NA
Prep Batch: 89301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	345000		2320	405700	4	mg/Kg	☼	2603	75 - 125
Magnesium	1730		2320	4156		mg/Kg	☼	104	75 - 125
Barium	6.68		23.2	27.98		mg/Kg	☼	92	75 - 125
Sodium	26.0	J	2320	2762		mg/Kg	☼	118	75 - 125
Beryllium	0.0675	J	32.5	25.85		mg/Kg	☼	79	75 - 125
Strontium	146		23.2	174.7	4	mg/Kg	☼	125	75 - 125
Cadmium	0.0773	J	23.2	16.84	F	mg/Kg	☼	72	75 - 125
Chromium	2.17		23.2	22.04		mg/Kg	☼	86	75 - 125
Copper	1.88		23.2	16.94	F	mg/Kg	☼	65	75 - 125
Lead	3.99		23.2	24.21		mg/Kg	☼	87	75 - 125
Manganese	25.7		232	313.0		mg/Kg	☼	124	75 - 125
Antimony	<0.0685		23.2	15.80	F	mg/Kg	☼	68	75 - 125
Aluminum	532		2320	5277	F	mg/Kg	☼	204	75 - 125
Iron	1140		2320	3474		mg/Kg	☼	101	75 - 125
Zinc	32.5		23.2	67.27	F	mg/Kg	☼	150	75 - 125

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

Lab Sample ID: 560-40484-1 MSD
Matrix: Solid
Analysis Batch: 89406

Client Sample ID: HCS 310
Prep Type: Total/NA
Prep Batch: 89301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	345000		2320	372100	4	mg/Kg	☼	1156	75 - 125	9	25
Magnesium	1730		2320	3594		mg/Kg	☼	80	75 - 125	15	25
Barium	6.68		23.2	23.12	F	mg/Kg	☼	71	75 - 125	19	25
Sodium	26.0	J	2320	2389		mg/Kg	☼	102	75 - 125	14	25
Strontium	146		23.2	157.9	4	mg/Kg	☼	53	75 - 125	10	25
Chromium	2.17		23.2	19.14	F	mg/Kg	☼	73	75 - 125	14	25
Lead	3.99		23.2	20.89	F	mg/Kg	☼	73	75 - 125	15	25
Manganese	25.7		232	268.5		mg/Kg	☼	105	75 - 125	15	25
Antimony	<0.0685		23.2	14.31	F	mg/Kg	☼	62	75 - 125	10	25
Aluminum	532		2320	4087	F	mg/Kg	☼	153	75 - 125	25	25
Iron	1140		2320	3293		mg/Kg	☼	93	75 - 125	5	25
Zinc	32.5		23.2	47.44	F	mg/Kg	☼	64	75 - 125	35	25

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 560-89012/4-A
Matrix: Water
Analysis Batch: 89033

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000130		0.00200	0.000130	mg/L		06/12/13 12:00	06/12/13 14:59	1

Lab Sample ID: LCS 560-89012/5-A
Matrix: Water
Analysis Batch: 89033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.004920		mg/L		98	80 - 120

Lab Sample ID: 560-40484-4 MS
Matrix: Water
Analysis Batch: 89033

Client Sample ID: EBHCS
Prep Type: Total/NA
Prep Batch: 89012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000130		0.00500	0.004670		mg/L		93	80 - 120

Lab Sample ID: 560-40484-4 MSD
Matrix: Water
Analysis Batch: 89033

Client Sample ID: EBHCS
Prep Type: Total/NA
Prep Batch: 89012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000130		0.00500	0.004600		mg/L		92	80 - 120	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 560-89063/4-A
Matrix: Solid
Analysis Batch: 89092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0108		0.120	0.0108	mg/Kg		06/13/13 10:20	06/13/13 17:33	1

Lab Sample ID: LCS 560-89063/5-A
Matrix: Solid
Analysis Batch: 89092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89063

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.2520		mg/Kg		101	80 - 120

Lab Sample ID: LCS 560-89063/7-A
Matrix: Solid
Analysis Batch: 89092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89063

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.2485		mg/Kg		99	80 - 120

Lab Sample ID: LCS 560-89063/8-A
Matrix: Solid
Analysis Batch: 89092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89063

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.2495		mg/Kg		100	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 560-88993/4
Matrix: Water
Analysis Batch: 88993

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			06/11/13 15:01	1
Chloride	<0.192		1.00	0.192	mg/L			06/11/13 15:01	1
Nitrate as N	<0.103		0.500	0.103	mg/L			06/11/13 15:01	1
Sulfate	<0.377		1.00	0.377	mg/L			06/11/13 15:01	1

Lab Sample ID: LCS 560-88993/5
Matrix: Water
Analysis Batch: 88993

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	5.00	5.149		mg/L		103	90 - 110
Chloride	10.0	10.84		mg/L		108	90 - 110
Nitrate as N	5.00	5.294		mg/L		106	90 - 110
Sulfate	20.0	21.15		mg/L		106	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 560-40484-4 MS
Matrix: Water
Analysis Batch: 88993

Client Sample ID: EBHCS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	<0.315		5.00	4.672		mg/L		93	80 - 120
Chloride	<0.192		10.0	9.950		mg/L		100	80 - 120
Nitrate as N	<0.103		5.00	4.137		mg/L		83	80 - 120
Sulfate	<0.377		20.0	21.92		mg/L		110	80 - 120

Lab Sample ID: 560-40484-4 MSD
Matrix: Water
Analysis Batch: 88993

Client Sample ID: EBHCS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromide	<0.315		5.00	4.786		mg/L		96	80 - 120	2	20
Chloride	<0.192		10.0	10.15		mg/L		101	80 - 120	2	20
Nitrate as N	<0.103		5.00	4.631		mg/L		93	80 - 120	11	20
Sulfate	<0.377		20.0	21.29		mg/L		106	80 - 120	3	20

Method: 340.2 - Fluoride

Lab Sample ID: MB 560-89325/3
Matrix: Water
Analysis Batch: 89325

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.0200		0.100	0.0200	mg/L			06/19/13 07:40	1

Lab Sample ID: LCS 560-89325/4
Matrix: Water
Analysis Batch: 89325

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	0.800	0.8090		mg/L		101	85 - 115

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-281399/2-A
Matrix: Water
Analysis Batch: 281810

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 281399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	<0.0410		0.100	0.0410	mg/L		06/20/13 18:00	06/24/13 16:40	1

Lab Sample ID: LCS 680-281399/1-A
Matrix: Water
Analysis Batch: 281810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 281399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	2.00	2.293		mg/L		115	60 - 140

Method: 365.4 - Phosphorus, Total (Continued)

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

Lab Sample ID: LCS 680-281543/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 281815 — **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: 9040C - pH

Lab Sample ID: LCS 560-89053/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 89053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	4.99	5.040		SU		101	98 - 102

Method: 9045D - pH

Lab Sample ID: LCS 560-89215/2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	4.99	5.020		SU		101	98 - 102

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 560-89025/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 89042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.05		10.0	1.05	mg/Kg			06/13/13 01:39	1
Nitrate as N	<0.556		5.00	0.556	mg/Kg			06/13/13 01:39	1
Sulfate	<8.65		10.0	8.65	mg/Kg			06/13/13 01:39	1
Bromide	<0.616		10.0	0.616	mg/Kg			06/13/13 01:39	1

Lab Sample ID: LCS 560-89025/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 89042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100	105.6		mg/Kg		106	80 - 120
Nitrate as N	50.0	52.98		mg/Kg		106	80 - 120
Sulfate	200	209.1		mg/Kg		105	80 - 120
Bromide	50.0	52.32		mg/Kg		105	80 - 120

Method: 9060 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 560-89328/3
Matrix: Water
Analysis Batch: 89328

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	0.3060	J	1.00	0.285	mg/L			06/13/13 11:37	1

Lab Sample ID: LCS 560-89328/4
Matrix: Water
Analysis Batch: 89328

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	25.0	25.58		mg/L		102	80 - 120

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 560-89529/1
Matrix: Water
Analysis Batch: 89529

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	97.80		mg/L		98	85 - 115

Lab Sample ID: LCS 560-89529/17
Matrix: Water
Analysis Batch: 89529

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	98.00		mg/L		98	85 - 115

Lab Sample ID: LCS 560-89449/15-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	95.20		mg/Kg		95	85 - 115

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

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 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 560-89009/1
Matrix: Water
Analysis Batch: 89009

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10.0		10.0	10.0	mg/L			06/12/13 11:00	1

Lab Sample ID: LCS 560-89009/2
Matrix: Water
Analysis Batch: 89009

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	2250	2060		mg/L		92	80 - 120

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 560-89101/1
Matrix: Water
Analysis Batch: 89101

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.00		3.00	3.00	mg/L			06/13/13 16:05	1

Lab Sample ID: LCS 560-89101/2
Matrix: Water
Analysis Batch: 89101

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	200	202.5		mg/L		101	80 - 120

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

Lab Sample ID: 560-40484-3 MS
Matrix: Solid
Analysis Batch: 89531

Client Sample ID: HCS 340
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	1.72	J	9.14	9.546		mg/Kg	☼	86	75 - 125

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 560-40484-3 MSD — **Client Sample ID: HCS 340**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 89531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	1.72	J	9.14	9.784		mg/Kg	☼	88	75 - 125	2	20

Method: SM 5310B - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 560-90059/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 90061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	<0.285		1.00	0.285	mg/L			06/27/13 09:17	1

Lab Sample ID: LCS 560-90059/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 90061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	25.0	23.05		mg/L		92	80 - 120

Lab Sample ID: 560-40484-4 MS — **Client Sample ID: EBHCS**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 90061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	0.439	J	10.0	10.29		mg/L		98	75 - 125

Lab Sample ID: 560-40484-4 MSD — **Client Sample ID: EBHCS**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 90061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dissolved Organic Carbon	0.439	J	10.0	10.41		mg/L		100	75 - 125	1	20

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

Lab Sample ID: MB 560-89569/1 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 89569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<270		1500	270	mg/Kg			06/25/13 13:20	1

Certification Summary

Client: Edwards Aquifer Authority
Project/Site: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

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: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

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: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

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
8141A	Organophosphorous Pesticides (GC)	SW846	TAL TAL
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
7470A	Mercury (CVAA)	SW846	TAL CC
7471A	Mercury (CVAA)	SW846	TAL CC
300.0	Anions, Ion Chromatography	MCAWW	TAL CC
340.2	Fluoride	MCAWW	TAL CC
365.4	Phosphorus, Total	EPA	TAL SAV
9040C	pH	SW846	TAL CC
9045D	pH	SW846	TAL CC
9056	Anions, Ion Chromatography	SW846	TAL CC
9060	Organic Carbon, Total (TOC)	SW846	TAL CC
Moisture	Percent Moisture	EPA	TAL CC
SM 2320B	Alkalinity	SM	TAL CC
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL CC
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL CC
SM 4500 F C	Fluoride	SM	TAL CC
SM 5310B	Organic Carbon, Dissolved (DOC)	SM	TAL CC
WALKLEY BLACK	Organic Carbon, Total (TOC)	MSA	TAL CC

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: Analytical Laboratory Services

TestAmerica Job ID: 560-40484-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-40484-1	HCS 310	Solid	06/10/13 09:20	06/11/13 08:35
560-40484-2	HCS 320	Solid	06/10/13 11:00	06/11/13 08:35
560-40484-3	HCS 340	Solid	06/10/13 14:45	06/11/13 08:35
560-40484-4	EBHCS	Water	06/10/13 15:45	06/11/13 08:35
560-40484-5	TRIP BLANK	Water	06/10/13 00:00	06/11/13 08:35

TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Cust

TestAmerica
Loc: 560
40484

560-40484 Chain of Custody

Client Information	Sampler: GL	Lab PM: Maingot, Lindy	COC No: 560-8347-891
Client Contact: Gizelle Luevano	Phone: (210)222-2204	E-Mail: lindy maingot@testamericainc com	Page: Page_ of _
Company: Edwards Aquifer Authority			Job #:
Address: 1615 North St. Mary's Street	Due Date Requested:		
City: San Antonio	TAT Requested (days): Routine		
State, Zip: TX, 78215			
Phone:	PO #: Purchase Order not required		
Email: gluevano@edwardsaquifer org	WO #:		
Project Name: Surface Hcs	Project #: 56002565		
Site:	SSOW#: N/A		

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOC	GWQP, DOC Lab Filtered	Selected Metals	TOC	8082A	SVOC	8081	8141A - Tallahassee	8151A - Savannah	Total Phosphorus - Savannah	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	N	D	S	N	N	N	N	N	S	X	
HCS 310	6/10/13	0920	C	S ~~Water~~ GL			X	X	X	X	X	X	X	X	X	X	19	
HCS 320	↓	1100	↓	S ~~Water~~ GL			X	X	X	X	X	X	X	X	X	X	19	
~~HCS 330~~ GL				S ~~Water~~ GL			X	X	X	X	X	X	X	X	X	X	19	
HCS 340		1445		S ~~Water~~ GL			X	X	X	X	X	X	X	X	X	X	19	
~~HCS 360~~ GL				S ~~Water~~ GL			X	X	X	X	X	X	X	X	X	X	19	
~~EBHCS~~ GL EBHCS	↓	1545	↓	S ~~Water~~ WATER GL			X	X	X	X	X	X	X	X	X	X	19	
				S ~~Water~~ GL			X	X	X	X	X	X	X	X	X	X	19	
Trip Blank				S ~~Water~~ GL			X										2	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by.	Date	Time.	Method of Shipment: Greyhound 110951257?5	
Relinquished by: Matt Schwarz	Date/Time: 6-10-13 16:19	Company: EAA	Received by: [signature]	Date/Time: 6-10-13 16:19
Relinquished by: [signature]	Date/Time: 6-10-13 16:19	Company:	Received by: Chrissa Adams	Date/Time: 6/11/13 @ 8:35	Company: TACC
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: obs 0.8°C, 1.2°C / corr 1.0°C, 1.4°C, IR-4

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40484-1

Login Number: 40484

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: 560-40484-1

Login Number: 40484
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah
List Creation: 06/12/13 10:56 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.	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: 560-40484-1

Login Number: 40484
List Number: 2
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah
List Creation: 06/13/13 10:58 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.	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: 560-40484-1

Login Number: 40484
List Number: 1
Creator: Savoie, Joseph L

List Source: TestAmerica Tallahassee
List Creation: 06/12/13 10:32 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	

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40484-1

Login Number: 40484
List Number: 2
Creator: Savoie, Joseph L

List Source: TestAmerica Tallahassee
List Creation: 06/13/13 10:44 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	