TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi
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Tel: (361)289-2673

TestAmerica Job ID: 560-40082-1
Client Project/Site: Analytical Laboratory Services

For:
Edwards Aquifer Authority
1615 North St. Mary's Street
San Antonio, Texas 78215

Attn: Steve Johnson

Authorized for release by:
6/6/2013 6:09:05 AM

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.

GC/MS Semi VOA TICs

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

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
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.

Metals

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

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
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: 560-40082-1

Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative
560-40082-1

Comments
No additional comments.

Receipt
The samples were received on 5/22/2013 8:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 2.1º C, 2.1º C, 2.7º C and 2.8º C.

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

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

GC Semi VOA
Sample 560-40082-2 was analyzed for Pesticides using Method 8081B. 2 surrogates are used for this analysis. The laboratory's SOP allows 1 of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. This sample contained Tetrachloro-m-xylene surrogate outside acceptable limits. DCB Decachlorobiphenyl surrogate was within acceptable limits. These results have been reported and qualified.

Sample 560-40082-2 was analyzed for Pesticides using Method 8081B. The relative percent deviation was outside acceptable limits for various analytes in the MS/MSD pair associated with this sample. The LCS was within acceptable limits. Therefore, data are reported.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Samples 560-40082-1 and 2 were 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.

Samples 560-40082-1 and 2 were analyzed for TOC using Method 9060. The following analyte was detected in the method blank associated with these samples: TOC. The concentration of TOC was above the MDL, but below the RL. Therefore, data are reported.

Samples 560-40082-1 and 2 were analyzed for DOC using Method SM 5310B. The following analyte was detected in the method blank associated with these samples: DOC. The concentration of DOC was above the MDL, but below the RL. Therefore, data are reported.

No other analytical or quality issues were noted.

Organic Prep
Samples 560-40082-1 and 2 were prepped/analyzed for Semi-volatiles using Methods 3520C/8270. Due to insufficient sample volume no matrix spike/matrix spike duplicate (MS/MSD) was prepped/analyzed with this Semi-volatiles batch 88261.

Samples 560-40082-1 and 2 were prepped/analyzed for Semi-volatiles using Methods 3520C/8270. Elevated reporting limits are provided for these samples due to insufficient sample provided for preparation/analysis.

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 110 — Lab Sample ID: 560-40082-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.78	J	5.00	0.500	ug/L	1		8260B	Total/NA
Silicon	4940		500	70.7	ug/L	1		6010B	Total/NA
Calcium	78.0		0.500	0.198	mg/L	1		6020	Total/NA
Arsenic	1.84	J	5.00	1.09	ug/L	1		6020	Total/NA
Potassium	1.91		1.00	0.407	mg/L	1		6020	Total/NA
Barium	35.1		5.00	0.810	ug/L	1		6020	Total/NA
Magnesium	20.3		0.500	0.113	mg/L	1		6020	Total/NA
Sodium	13.7		1.00	0.727	mg/L	1		6020	Total/NA
Strontium	615		5.00	0.768	ug/L	1		6020	Total/NA
Manganese	44.9	J	50.0	11.6	ug/L	1		6020	Total/NA
Selenium	1.69	J	5.00	1.08	ug/L	1		6020	Total/NA
Chloride	23.4		1.00	0.192	mg/L	1		300.0	Total/NA
Nitrate as N	0.225	J	0.500	0.103	mg/L	1		300.0	Total/NA
Sulfate	29.5		1.00	0.377	mg/L	1		300.0	Total/NA
Fluoride	0.368		0.100	0.0200	mg/L	1		340.2	Total/NA
Nitrogen, Kjeldahl	0.481	J	1.00	0.432	mg/L	1		351.2	Total/NA
Total Organic Carbon	1.46	B	1.00	0.285	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	1.98	B	1.00	0.285	mg/L	1		SM 5310B	Dissolved

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.13	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Alkalinity as CaCO3	239		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	239		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	333		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	4.80		3.00	3.00	mg/L	1		SM 2540D	Total/NA

Client Sample ID: HSM 120 — Lab Sample ID: 560-40082-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silicon	3650		500	70.7	ug/L	1		6010B	Total/NA
Calcium	88.0		0.500	0.198	mg/L	1		6020	Total/NA
Arsenic	1.31	J	5.00	1.09	ug/L	1		6020	Total/NA
Potassium	1.42		1.00	0.407	mg/L	1		6020	Total/NA
Barium	36.4		5.00	0.810	ug/L	1		6020	Total/NA
Magnesium	17.3		0.500	0.113	mg/L	1		6020	Total/NA
Sodium	12.3		1.00	0.727	mg/L	1		6020	Total/NA
Strontium	503		5.00	0.768	ug/L	1		6020	Total/NA
Selenium	2.75	J	5.00	1.08	ug/L	1		6020	Total/NA
Bromide	0.427	J	1.00	0.315	mg/L	1		300.0	Total/NA
Chloride	21.5		1.00	0.192	mg/L	1		300.0	Total/NA
Nitrate as N	1.23		0.500	0.103	mg/L	1		300.0	Total/NA
Sulfate	28.0		1.00	0.377	mg/L	1		300.0	Total/NA
Fluoride	0.313		0.100	0.0200	mg/L	1		340.2	Total/NA
Phosphorus	0.0467	J	0.100	0.0410	mg/L	1		365.4	Total/NA
Total Organic Carbon	0.751	J B	1.00	0.285	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	1.50	B	1.00	0.285	mg/L	1		SM 5310B	Dissolved

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.00	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Alkalinity as CaCO3	254		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	254		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	365		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 120 (Continued) — Lab Sample ID: 560-40082-2

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	4.80		3.00	3.00	mg/L	1		SM 2540D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 560-40082-3

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 110
Date Collected: 05/21/13 14:25
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.209		1.00	0.209	ug/L			05/26/13 17:24	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			05/26/13 17:24	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			05/26/13 17:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			05/26/13 17:24	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			05/26/13 17:24	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			05/26/13 17:24	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			05/26/13 17:24	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			05/26/13 17:24	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			05/26/13 17:24	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			05/26/13 17:24	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			05/26/13 17:24	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 17:24	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			05/26/13 17:24	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			05/26/13 17:24	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			05/26/13 17:24	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			05/26/13 17:24	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			05/26/13 17:24	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			05/26/13 17:24	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 17:24	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			05/26/13 17:24	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			05/26/13 17:24	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			05/26/13 17:24	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
1,4-Dioxane	<7.46		100	7.46	ug/L			05/26/13 17:24	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			05/26/13 17:24	1
1-Octene	<0.440		5.00	0.440	ug/L			05/26/13 17:24	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			05/26/13 17:24	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			05/26/13 17:24	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			05/26/13 17:24	1
2-Hexanone	<0.200		5.00	0.200	ug/L			05/26/13 17:24	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			05/26/13 17:24	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			05/26/13 17:24	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			05/26/13 17:24	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			05/26/13 17:24	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			05/26/13 17:24	1
Acetone	<5.00		10.0	5.00	ug/L			05/26/13 17:24	1
Acetonitrile	<10.0		50.0	10.0	ug/L			05/26/13 17:24	1
Benzene	<0.140		1.00	0.140	ug/L			05/26/13 17:24	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			05/26/13 17:24	1
Bromobenzene	<0.128		1.00	0.128	ug/L			05/26/13 17:24	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			05/26/13 17:24	1
Bromoform	<0.500		5.00	0.500	ug/L			05/26/13 17:24	1
Bromomethane	<0.392		5.00	0.392	ug/L			05/26/13 17:24	1
Carbon disulfide	**1.78**	**J**	5.00	0.500	ug/L			05/26/13 17:24	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			05/26/13 17:24	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			05/26/13 17:24	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			05/26/13 17:24	1
Chloroethane	<0.400		5.00	0.400	ug/L			05/26/13 17:24	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 110
Date Collected: 05/21/13 14:25
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.173		1.00	0.173	ug/L			05/26/13 17:24	1
Chloromethane	<0.390		5.00	0.390	ug/L			05/26/13 17:24	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			05/26/13 17:24	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			05/26/13 17:24	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 17:24	1
Cyclohexane	<1.00		2.00	1.00	ug/L			05/26/13 17:24	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			05/26/13 17:24	1
Dibromomethane	<0.165		1.00	0.165	ug/L			05/26/13 17:24	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			05/26/13 17:24	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			05/26/13 17:24	1
EDB	<0.150		1.00	0.150	ug/L			05/26/13 17:24	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			05/26/13 17:24	1
Ethyl ether	<0.135		1.00	0.135	ug/L			05/26/13 17:24	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			05/26/13 17:24	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			05/26/13 17:24	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			05/26/13 17:24	1
Hexane	<2.00		5.00	2.00	ug/L			05/26/13 17:24	1
Iodomethane	<0.223		2.00	0.223	ug/L			05/26/13 17:24	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			05/26/13 17:24	1
Isooctane	<0.500		5.00	0.500	ug/L			05/26/13 17:24	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			05/26/13 17:24	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			05/26/13 17:24	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			05/26/13 17:24	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			05/26/13 17:24	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			05/26/13 17:24	1
Naphthalene	<0.200		5.00	0.200	ug/L			05/26/13 17:24	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
n-Heptane	<0.300		5.00	0.300	ug/L			05/26/13 17:24	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			05/26/13 17:24	1
o-Xylene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			05/26/13 17:24	1
Propionitrile	<2.69		10.0	2.69	ug/L			05/26/13 17:24	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			05/26/13 17:24	1
Styrene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 17:24	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			05/26/13 17:24	1
Toluene	<0.300		1.00	0.300	ug/L			05/26/13 17:24	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			05/26/13 17:24	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 17:24	1
Trichloroethene	<0.317		1.00	0.317	ug/L			05/26/13 17:24	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			05/26/13 17:24	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			05/26/13 17:24	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			05/26/13 17:24	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			05/26/13 17:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/26/13 17:24*	*1*

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 110
Date Collected: 05/21/13 14:25
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*121*		*70 - 130*		*05/26/13 17:24*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*05/26/13 17:24*	*1*
Dibromofluoromethane (Surr)	*118*		*70 - 130*		*05/26/13 17:24*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*05/26/13 17:24*	*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		05/22/13 14:30	05/23/13 12:39	1
Acenaphthylene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Anthracene	<0.404		10.0	0.404	ug/L		05/22/13 14:30	05/23/13 12:39	1
Benzo[a]anthracene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Benzo[b]fluoranthene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Benzo[k]fluoranthene	<0.364		10.0	0.364	ug/L		05/22/13 14:30	05/23/13 12:39	1
Benzo[g,h,i]perylene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Benzo[a]pyrene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Benzyl alcohol	<1.36		10.0	1.36	ug/L		05/22/13 14:30	05/23/13 12:39	1
Butyl benzyl phthalate	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Bis(2-chloroethoxy)methane	<0.593		10.0	0.593	ug/L		05/22/13 14:30	05/23/13 12:39	1
Bis(2-chloroethyl)ether	<0.705		10.0	0.705	ug/L		05/22/13 14:30	05/23/13 12:39	1
Bis(2-ethylhexyl) phthalate	<5.00		20.0	5.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
4-Bromophenyl phenyl ether	<0.743		10.0	0.743	ug/L		05/22/13 14:30	05/23/13 12:39	1
4-Chloroaniline	<0.456		10.0	0.456	ug/L		05/22/13 14:30	05/23/13 12:39	1
2-Chloronaphthalene	<0.497		10.0	0.497	ug/L		05/22/13 14:30	05/23/13 12:39	1
4-Chlorophenyl phenyl ether	<0.524		10.0	0.524	ug/L		05/22/13 14:30	05/23/13 12:39	1
Chrysene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Dibenz(a,h)anthracene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Dibenzofuran	<0.514		10.0	0.514	ug/L		05/22/13 14:30	05/23/13 12:39	1
1,2-Dichlorobenzene	<0.503		10.0	0.503	ug/L		05/22/13 14:30	05/23/13 12:39	1
1,3-Dichlorobenzene	<2.00		10.0	2.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
1,4-Dichlorobenzene	<0.740		10.0	0.740	ug/L		05/22/13 14:30	05/23/13 12:39	1
3,3'-Dichlorobenzidine	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
Diethyl phthalate	<0.524		10.0	0.524	ug/L		05/22/13 14:30	05/23/13 12:39	1
Dimethyl phthalate	<0.549		10.0	0.549	ug/L		05/22/13 14:30	05/23/13 12:39	1
Di-n-butyl phthalate	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Di-n-octyl phthalate	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
2,4-Dinitrotoluene	<0.383		10.0	0.383	ug/L		05/22/13 14:30	05/23/13 12:39	1
2,6-Dinitrotoluene	<0.522		10.0	0.522	ug/L		05/22/13 14:30	05/23/13 12:39	1
Fluoranthene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Fluorene	<0.608		10.0	0.608	ug/L		05/22/13 14:30	05/23/13 12:39	1
Hexachlorobenzene	<0.652		10.0	0.652	ug/L		05/22/13 14:30	05/23/13 12:39	1
Hexachlorobutadiene	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
Hexachlorocyclopentadiene	<5.00		10.0	5.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
Hexachloroethane	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
Indeno[1,2,3-cd]pyrene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 12:39	1
Isophorone	<0.626		10.0	0.626	ug/L		05/22/13 14:30	05/23/13 12:39	1
2-Methylnaphthalene	<0.429		10.0	0.429	ug/L		05/22/13 14:30	05/23/13 12:39	1
2-Nitroaniline	<0.443		10.0	0.443	ug/L		05/22/13 14:30	05/23/13 12:39	1
3-Nitroaniline	<1.79		10.0	1.79	ug/L		05/22/13 14:30	05/23/13 12:39	1
4-Nitroaniline	<1.46		10.0	1.46	ug/L		05/22/13 14:30	05/23/13 12:39	1
Naphthalene	<0.477		10.0	0.477	ug/L		05/22/13 14:30	05/23/13 12:39	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 110
Date Collected: 05/21/13 14:25
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<0.336		10.0	0.336	ug/L		05/22/13 14:30	05/23/13 12:39	1
N-Nitrosodi-n-propylamine	<0.650		10.0	0.650	ug/L		05/22/13 14:30	05/23/13 12:39	1
N-Nitrosodiphenylamine	<0.509		10.0	0.509	ug/L		05/22/13 14:30	05/23/13 12:39	1
Phenanthrene	<0.514		10.0	0.514	ug/L		05/22/13 14:30	05/23/13 12:39	1
Pyrene	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
1,2,4-Trichlorobenzene	<0.585		10.0	0.585	ug/L		05/22/13 14:30	05/23/13 12:39	1
4-Chloro-3-methylphenol	<0.498		10.0	0.498	ug/L		05/22/13 14:30	05/23/13 12:39	1
2-Chlorophenol	<0.361		10.0	0.361	ug/L		05/22/13 14:30	05/23/13 12:39	1
2,4-Dichlorophenol	<0.387		10.0	0.387	ug/L		05/22/13 14:30	05/23/13 12:39	1
2,4-Dimethylphenol	<0.560		10.0	0.560	ug/L		05/22/13 14:30	05/23/13 12:39	1
2,4-Dinitrophenol	<0.928		10.0	0.928	ug/L		05/22/13 14:30	05/23/13 12:39	1
4,6-Dinitro-2-methylphenol	<1.82		10.0	1.82	ug/L		05/22/13 14:30	05/23/13 12:39	1
2-Methylphenol	<0.486		10.0	0.486	ug/L		05/22/13 14:30	05/23/13 12:39	1
3 & 4 Methylphenol	<0.881		20.0	0.881	ug/L		05/22/13 14:30	05/23/13 12:39	1
2-Nitrophenol	<0.408		10.0	0.408	ug/L		05/22/13 14:30	05/23/13 12:39	1
4-Nitrophenol	<1.77		10.0	1.77	ug/L		05/22/13 14:30	05/23/13 12:39	1
Pentachlorophenol	<5.00		10.0	5.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
Phenol	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 12:39	1
2,4,6-Trichlorophenol	<0.393		10.0	0.393	ug/L		05/22/13 14:30	05/23/13 12:39	1
2,4,5-Trichlorophenol	<0.396		10.0	0.396	ug/L		05/22/13 14:30	05/23/13 12:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
unused surrogate	*94.3*	*T J*	*ug/L*		*5.62*		*05/22/13 14:30*	*05/23/13 12:39*	*1*
unused surrogate	*60.2*	*T J*	*ug/L*		*6.09*		*05/22/13 14:30*	*05/23/13 12:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*87*		*27 - 130*	*05/22/13 14:30*	*05/23/13 12:39*	*1*
2-Fluorobiphenyl	*71*		*23 - 130*	*05/22/13 14:30*	*05/23/13 12:39*	*1*
Terphenyl-d14	*70*		*10 - 141*	*05/22/13 14:30*	*05/23/13 12:39*	*1*
Phenol-d5	*78*		*10 - 130*	*05/22/13 14:30*	*05/23/13 12:39*	*1*
2-Fluorophenol	*71*		*10 - 130*	*05/22/13 14:30*	*05/23/13 12:39*	*1*
2,4,6-Tribromophenol	*90*		*18 - 130*	*05/22/13 14:30*	*05/23/13 12:39*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00227		0.0568	0.00227	ug/L		05/29/13 14:25	05/30/13 18:58	1
4,4'-DDE	<0.00265		0.0568	0.00265	ug/L		05/29/13 14:25	05/30/13 18:58	1
4,4'-DDT	<0.00767		0.0568	0.00767	ug/L		05/29/13 14:25	05/30/13 18:58	1
Aldrin	<0.00142		0.0568	0.00142	ug/L		05/29/13 14:25	05/30/13 18:58	1
alpha-BHC	<0.00492		0.0568	0.00492	ug/L		05/29/13 14:25	05/30/13 18:58	1
alpha-Chlordane	<0.00597		0.0568	0.00597	ug/L		05/29/13 14:25	05/30/13 18:58	1
beta-BHC	<0.00284		0.0568	0.00284	ug/L		05/29/13 14:25	05/30/13 18:58	1
Chlordane (technical)	<0.142		0.568	0.142	ug/L		05/29/13 14:25	05/30/13 18:58	1
delta-BHC	<0.00208		0.0568	0.00208	ug/L		05/29/13 14:25	05/30/13 18:58	1
Dieldrin	<0.0123		0.0568	0.0123	ug/L		05/29/13 14:25	05/30/13 18:58	1
Endosulfan I	<0.00369		0.0568	0.00369	ug/L		05/29/13 14:25	05/30/13 18:58	1
Endosulfan II	<0.00814		0.0568	0.00814	ug/L		05/29/13 14:25	05/30/13 18:58	1
Endosulfan sulfate	<0.00833		0.0568	0.00833	ug/L		05/29/13 14:25	05/30/13 18:58	1
Endrin	<0.00729		0.0568	0.00729	ug/L		05/29/13 14:25	05/30/13 18:58	1
Endrin aldehyde	<0.00284		0.0568	0.00284	ug/L		05/29/13 14:25	05/30/13 18:58	1

Client Sample ID: HSM 110
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Lab Sample ID: 560-40082-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	<0.00777		0.0568	0.00777	ug/L		05/29/13 14:25	05/30/13 18:58	1
gamma-BHC (Lindane)	<0.00426		0.0568	0.00426	ug/L		05/29/13 14:25	05/30/13 18:58	1
gamma-Chlordane	<0.00634		0.0568	0.00634	ug/L		05/29/13 14:25	05/30/13 18:58	1
Heptachlor	<0.00616		0.0568	0.00616	ug/L		05/29/13 14:25	05/30/13 18:58	1
Heptachlor epoxide	<0.00492		0.0568	0.00492	ug/L		05/29/13 14:25	05/30/13 18:58	1
Methoxychlor	<0.00947		0.0568	0.00947	ug/L		05/29/13 14:25	05/30/13 18:58	1
Toxaphene	<0.644		5.68	0.644	ug/L		05/29/13 14:25	05/30/13 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*10 - 152*	*05/29/13 14:25*	*05/30/13 18:58*	*1*
Tetrachloro-m-xylene	*85*		*57 - 127*	*05/29/13 14:25*	*05/30/13 18:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1221	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1232	<0.420		0.764	0.420	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1242	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1248	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1254	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1260	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1262	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1
Aroclor 1268	<0.105		0.573	0.105	ug/L		05/29/13 14:27	06/03/13 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*25 - 140*	*05/29/13 14:27*	*06/03/13 12:58*	*1*
DCB Decachlorobiphenyl	*56*		*42 - 133*	*05/29/13 14:27*	*06/03/13 12:58*	*1*

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.311		0.943	0.311	ug/L		05/23/13 17:00	05/29/13 18:06	1
Bolstar	<0.0896		0.943	0.0896	ug/L		05/23/13 17:00	05/29/13 18:06	1
Chlorpyrifos	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:06	1
Coumaphos	<0.0764		0.943	0.0764	ug/L		05/23/13 17:00	05/29/13 18:06	1
Demeton-O	<0.104		2.36	0.104	ug/L		05/23/13 17:00	05/29/13 18:06	1
Demeton-S	<0.0566		2.36	0.0566	ug/L		05/23/13 17:00	05/29/13 18:06	1
Diazinon	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:06	1
Dichlorvos	<0.245		1.89	0.245	ug/L		05/23/13 17:00	05/29/13 18:06	1
Dimethoate	<0.302		1.89	0.302	ug/L		05/23/13 17:00	05/29/13 18:06	1
Disulfoton	<0.113		1.89	0.113	ug/L		05/23/13 17:00	05/29/13 18:06	1
EPN	<0.0670		0.943	0.0670	ug/L		05/23/13 17:00	05/29/13 18:06	1
Famphur	<0.104		1.89	0.104	ug/L		05/23/13 17:00	05/29/13 18:06	1
Fensulfothion	<0.160		4.72	0.160	ug/L		05/23/13 17:00	05/29/13 18:06	1
Fenthion	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:06	1
Malathion	<0.0868		0.943	0.0868	ug/L		05/23/13 17:00	05/29/13 18:06	1
Merphos	<0.123		0.943	0.123	ug/L		05/23/13 17:00	05/29/13 18:06	1
Methyl parathion	<0.113		0.472	0.113	ug/L		05/23/13 17:00	05/29/13 18:06	1
Mevinphos	<0.142		1.89	0.142	ug/L		05/23/13 17:00	05/29/13 18:06	1
Ethoprop	<0.387		0.472	0.387	ug/L		05/23/13 17:00	05/29/13 18:06	1
Monochrotophos	<2.45		9.43	2.45	ug/L		05/23/13 17:00	05/29/13 18:06	1

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Lab Sample ID: 560-40082-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naled	<0.340		4.72	0.340	ug/L		05/23/13 17:00	05/29/13 18:06	1
Ethyl Parathion	<0.0755		0.943	0.0755	ug/L		05/23/13 17:00	05/29/13 18:06	1
Phorate	<0.151		0.943	0.151	ug/L		05/23/13 17:00	05/29/13 18:06	1
Ronnel	<0.123		0.943	0.123	ug/L		05/23/13 17:00	05/29/13 18:06	1
Stirophos	<0.0792		0.943	0.0792	ug/L		05/23/13 17:00	05/29/13 18:06	1
Sulfotepp	<0.0519		0.472	0.0519	ug/L		05/23/13 17:00	05/29/13 18:06	1
Thionazin	<0.0575		0.943	0.0575	ug/L		05/23/13 17:00	05/29/13 18:06	1
Tokuthion	<0.0821		0.943	0.0821	ug/L		05/23/13 17:00	05/29/13 18:06	1
Trichloronate	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*95*		*37 - 139*	*05/23/13 17:00*	*05/29/13 18:06*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0598		0.482	0.0598	ug/L		05/28/13 08:26	05/30/13 01:06	1
2,4-D	<0.0357		0.482	0.0357	ug/L		05/28/13 08:26	05/30/13 01:06	1
2,4-DB	<0.145		0.482	0.145	ug/L		05/28/13 08:26	05/30/13 01:06	1
Dalapon	<0.0964		9.64	0.0964	ug/L		05/28/13 08:26	05/30/13 01:06	1
Dicamba	<0.0820		0.482	0.0820	ug/L		05/28/13 08:26	05/30/13 01:06	1
Dichlorprop	<0.145		0.482	0.145	ug/L		05/28/13 08:26	05/30/13 01:06	1
Dinoseb	<0.154		5.79	0.154	ug/L		05/28/13 08:26	05/30/13 01:06	1
MCPA	<16.4		116	16.4	ug/L		05/28/13 08:26	05/30/13 01:06	1
Pentachlorophenol	<0.0357		0.241	0.0357	ug/L		05/28/13 08:26	05/30/13 01:06	1
Silvex (2,4,5-TP)	<0.0598		0.482	0.0598	ug/L		05/28/13 08:26	05/30/13 01:06	1
Mecoprop	<18.3		116	18.3	ug/L		05/28/13 08:26	05/30/13 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*80*		*52 - 151*	*05/28/13 08:26*	*05/30/13 01:06*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**4940**		500	70.7	ug/L		05/23/13 08:30	05/24/13 16:44	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**78.0**		0.500	0.198	mg/L		05/28/13 09:00	05/30/13 23:53	1
Silver	<0.941		5.00	0.941	ug/L		05/28/13 09:00	05/30/13 23:53	1
Arsenic	**1.84**	**J**	5.00	1.09	ug/L		05/28/13 09:00	05/31/13 23:00	1
Potassium	**1.91**		1.00	0.407	mg/L		05/28/13 09:00	05/30/13 23:53	1
Barium	**35.1**		5.00	0.810	ug/L		05/28/13 09:00	05/30/13 23:53	1
Magnesium	**20.3**		0.500	0.113	mg/L		05/28/13 09:00	05/31/13 23:00	1
Beryllium	<1.24		4.00	1.24	ug/L		05/28/13 09:00	05/30/13 23:53	1
Sodium	**13.7**		1.00	0.727	mg/L		05/28/13 09:00	05/31/13 23:00	1
Cadmium	<0.854		2.00	0.854	ug/L		05/28/13 09:00	05/30/13 23:53	1
Strontium	**615**		5.00	0.768	ug/L		05/28/13 09:00	05/30/13 23:53	1
Chromium	<1.40		5.00	1.40	ug/L		05/28/13 09:00	05/30/13 23:53	1
Copper	<2.00		10.0	2.00	ug/L		05/28/13 09:00	05/30/13 23:53	1
Manganese	**44.9**	**J**	50.0	11.6	ug/L		05/28/13 09:00	05/30/13 23:53	1
Nickel	<2.17		5.00	2.17	ug/L		05/28/13 09:00	05/30/13 23:53	1
Lead	<0.733		5.00	0.733	ug/L		05/28/13 09:00	05/30/13 23:53	1

Client Sample ID: HSM 110

Date Collected: 05/21/13 14:25
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**1.69**	**J**	5.00	1.08	ug/L		05/28/13 09:00	05/31/13 23:00	1
Thallium	<0.693		2.00	0.693	ug/L		05/28/13 09:00	05/30/13 23:53	1
Zinc	<3.55		25.0	3.55	ug/L		05/28/13 09:00	05/31/13 23:00	1
Antimony	<1.61		5.00	1.61	ug/L		05/28/13 09:00	05/30/13 23:53	1
Aluminum	<22.5		50.0	22.5	ug/L		05/28/13 09:00	05/31/13 23:00	1
Iron	<101		250	101	ug/L		05/28/13 09:00	05/30/13 23:53	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		05/23/13 08:15	05/23/13 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			05/22/13 17:53	1
Chloride	**23.4**		1.00	0.192	mg/L			05/22/13 17:53	1
Nitrate as N	**0.225**	**J**	0.500	0.103	mg/L			05/22/13 17:53	1
Sulfate	**29.5**		1.00	0.377	mg/L			05/22/13 17:53	1
Fluoride	**0.368**		0.100	0.0200	mg/L			05/31/13 07:30	1
Nitrogen, Kjeldahl	**0.481**	**J**	1.00	0.432	mg/L			05/29/13 14:43	1
Phosphorus	<0.0410		0.100	0.0410	mg/L		05/24/13 15:00	05/28/13 14:21	1
Total Organic Carbon	**1.46**	**B**	1.00	0.285	mg/L			05/29/13 14:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.13**	**HF**	0.100	0.100	SU			05/23/13 15:00	1
Total Alkalinity as CaCO3	**239**		5.00	5.00	mg/L			05/24/13 15:00	1
Bicarbonate Alkalinity as CaCO3	**239**		5.00	5.00	mg/L			05/24/13 15:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			05/24/13 15:00	1
Total Dissolved Solids	**333**		10.0	10.0	mg/L			05/24/13 11:00	1
Total Suspended Solids	**4.80**		3.00	3.00	mg/L			05/22/13 15:10	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	**1.98**	**B**	1.00	0.285	mg/L			05/29/13 14:26	1

Client Sample ID: HSM 120

Date Collected: 05/21/13 14:55
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.209		1.00	0.209	ug/L			05/26/13 17:49	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			05/26/13 17:49	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			05/26/13 17:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			05/26/13 17:49	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			05/26/13 17:49	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			05/26/13 17:49	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			05/26/13 17:49	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			05/26/13 17:49	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			05/26/13 17:49	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			05/26/13 17:49	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			05/26/13 17:49	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 120
Date Collected: 05/21/13 14:55
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 17:49	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			05/26/13 17:49	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			05/26/13 17:49	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			05/26/13 17:49	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			05/26/13 17:49	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			05/26/13 17:49	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			05/26/13 17:49	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 17:49	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			05/26/13 17:49	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			05/26/13 17:49	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			05/26/13 17:49	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
1,4-Dioxane	<7.46		100	7.46	ug/L			05/26/13 17:49	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			05/26/13 17:49	1
1-Octene	<0.440		5.00	0.440	ug/L			05/26/13 17:49	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			05/26/13 17:49	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			05/26/13 17:49	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			05/26/13 17:49	1
2-Hexanone	<0.200		5.00	0.200	ug/L			05/26/13 17:49	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			05/26/13 17:49	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			05/26/13 17:49	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			05/26/13 17:49	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			05/26/13 17:49	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			05/26/13 17:49	1
Acetone	<5.00		10.0	5.00	ug/L			05/26/13 17:49	1
Acetonitrile	<10.0		50.0	10.0	ug/L			05/26/13 17:49	1
Benzene	<0.140		1.00	0.140	ug/L			05/26/13 17:49	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			05/26/13 17:49	1
Bromobenzene	<0.128		1.00	0.128	ug/L			05/26/13 17:49	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			05/26/13 17:49	1
Bromoform	<0.500		5.00	0.500	ug/L			05/26/13 17:49	1
Bromomethane	<0.392		5.00	0.392	ug/L			05/26/13 17:49	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			05/26/13 17:49	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			05/26/13 17:49	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			05/26/13 17:49	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			05/26/13 17:49	1
Chloroethane	<0.400		5.00	0.400	ug/L			05/26/13 17:49	1
Chloroform	<0.173		1.00	0.173	ug/L			05/26/13 17:49	1
Chloromethane	<0.390		5.00	0.390	ug/L			05/26/13 17:49	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			05/26/13 17:49	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			05/26/13 17:49	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 17:49	1
Cyclohexane	<1.00		2.00	1.00	ug/L			05/26/13 17:49	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			05/26/13 17:49	1
Dibromomethane	<0.165		1.00	0.165	ug/L			05/26/13 17:49	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			05/26/13 17:49	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			05/26/13 17:49	1
EDB	<0.150		1.00	0.150	ug/L			05/26/13 17:49	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 120
Date Collected: 05/21/13 14:55
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl acetate	<1.00		5.00	1.00	ug/L			05/26/13 17:49	1
Ethyl ether	<0.135		1.00	0.135	ug/L			05/26/13 17:49	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			05/26/13 17:49	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			05/26/13 17:49	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			05/26/13 17:49	1
Hexane	<2.00		5.00	2.00	ug/L			05/26/13 17:49	1
Iodomethane	<0.223		2.00	0.223	ug/L			05/26/13 17:49	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			05/26/13 17:49	1
Isooctane	<0.500		5.00	0.500	ug/L			05/26/13 17:49	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			05/26/13 17:49	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			05/26/13 17:49	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			05/26/13 17:49	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			05/26/13 17:49	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			05/26/13 17:49	1
Naphthalene	<0.200		5.00	0.200	ug/L			05/26/13 17:49	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
n-Heptane	<0.300		5.00	0.300	ug/L			05/26/13 17:49	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			05/26/13 17:49	1
o-Xylene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			05/26/13 17:49	1
Propionitrile	<2.69		10.0	2.69	ug/L			05/26/13 17:49	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			05/26/13 17:49	1
Styrene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 17:49	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			05/26/13 17:49	1
Toluene	<0.300		1.00	0.300	ug/L			05/26/13 17:49	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			05/26/13 17:49	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 17:49	1
Trichloroethene	<0.317		1.00	0.317	ug/L			05/26/13 17:49	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			05/26/13 17:49	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			05/26/13 17:49	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			05/26/13 17:49	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			05/26/13 17:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/26/13 17:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*70 - 130*		*05/26/13 17:49*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*05/26/13 17:49*	*1*
Dibromofluoromethane (Surr)	*119*		*70 - 130*		*05/26/13 17:49*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/26/13 17:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.593		10.4	0.593	ug/L		05/22/13 14:30	05/23/13 13:07	1
Acenaphthylene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 120
Date Collected: 05/21/13 14:55
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<0.421		10.4	0.421	ug/L		05/22/13 14:30	05/23/13 13:07	1
Benzo[a]anthracene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Benzo[b]fluoranthene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Benzo[k]fluoranthene	<0.379		10.4	0.379	ug/L		05/22/13 14:30	05/23/13 13:07	1
Benzo[g,h,i]perylene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Benzo[a]pyrene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Benzyl alcohol	<1.42		10.4	1.42	ug/L		05/22/13 14:30	05/23/13 13:07	1
Butyl benzyl phthalate	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Bis(2-chloroethoxy)methane	<0.618		10.4	0.618	ug/L		05/22/13 14:30	05/23/13 13:07	1
Bis(2-chloroethyl)ether	<0.734		10.4	0.734	ug/L		05/22/13 14:30	05/23/13 13:07	1
Bis(2-ethylhexyl) phthalate	<5.21		20.8	5.21	ug/L		05/22/13 14:30	05/23/13 13:07	1
4-Bromophenyl phenyl ether	<0.774		10.4	0.774	ug/L		05/22/13 14:30	05/23/13 13:07	1
4-Chloroaniline	<0.475		10.4	0.475	ug/L		05/22/13 14:30	05/23/13 13:07	1
2-Chloronaphthalene	<0.518		10.4	0.518	ug/L		05/22/13 14:30	05/23/13 13:07	1
4-Chlorophenyl phenyl ether	<0.546		10.4	0.546	ug/L		05/22/13 14:30	05/23/13 13:07	1
Chrysene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Dibenz(a,h)anthracene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Dibenzofuran	<0.535		10.4	0.535	ug/L		05/22/13 14:30	05/23/13 13:07	1
1,2-Dichlorobenzene	<0.524		10.4	0.524	ug/L		05/22/13 14:30	05/23/13 13:07	1
1,3-Dichlorobenzene	<2.08		10.4	2.08	ug/L		05/22/13 14:30	05/23/13 13:07	1
1,4-Dichlorobenzene	<0.771		10.4	0.771	ug/L		05/22/13 14:30	05/23/13 13:07	1
3,3'-Dichlorobenzidine	<1.04		10.4	1.04	ug/L		05/22/13 14:30	05/23/13 13:07	1
Diethyl phthalate	<0.546		10.4	0.546	ug/L		05/22/13 14:30	05/23/13 13:07	1
Dimethyl phthalate	<0.572		10.4	0.572	ug/L		05/22/13 14:30	05/23/13 13:07	1
Di-n-butyl phthalate	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Di-n-octyl phthalate	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
2,4-Dinitrotoluene	<0.399		10.4	0.399	ug/L		05/22/13 14:30	05/23/13 13:07	1
2,6-Dinitrotoluene	<0.544		10.4	0.544	ug/L		05/22/13 14:30	05/23/13 13:07	1
Fluoranthene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Fluorene	<0.633		10.4	0.633	ug/L		05/22/13 14:30	05/23/13 13:07	1
Hexachlorobenzene	<0.679		10.4	0.679	ug/L		05/22/13 14:30	05/23/13 13:07	1
Hexachlorobutadiene	<1.04		10.4	1.04	ug/L		05/22/13 14:30	05/23/13 13:07	1
Hexachlorocyclopentadiene	<5.21		10.4	5.21	ug/L		05/22/13 14:30	05/23/13 13:07	1
Hexachloroethane	<1.04		10.4	1.04	ug/L		05/22/13 14:30	05/23/13 13:07	1
Indeno[1,2,3-cd]pyrene	<0.521		10.4	0.521	ug/L		05/22/13 14:30	05/23/13 13:07	1
Isophorone	<0.652		10.4	0.652	ug/L		05/22/13 14:30	05/23/13 13:07	1
2-Methylnaphthalene	<0.447		10.4	0.447	ug/L		05/22/13 14:30	05/23/13 13:07	1
2-Nitroaniline	<0.461		10.4	0.461	ug/L		05/22/13 14:30	05/23/13 13:07	1
3-Nitroaniline	<1.86		10.4	1.86	ug/L		05/22/13 14:30	05/23/13 13:07	1
4-Nitroaniline	<1.52		10.4	1.52	ug/L		05/22/13 14:30	05/23/13 13:07	1
Naphthalene	<0.497		10.4	0.497	ug/L		05/22/13 14:30	05/23/13 13:07	1
Nitrobenzene	<0.350		10.4	0.350	ug/L		05/22/13 14:30	05/23/13 13:07	1
N-Nitrosodi-n-propylamine	<0.677		10.4	0.677	ug/L		05/22/13 14:30	05/23/13 13:07	1
N-Nitrosodiphenylamine	<0.530		10.4	0.530	ug/L		05/22/13 14:30	05/23/13 13:07	1
Phenanthrene	<0.535		10.4	0.535	ug/L		05/22/13 14:30	05/23/13 13:07	1
Pyrene	<1.04		10.4	1.04	ug/L		05/22/13 14:30	05/23/13 13:07	1
1,2,4-Trichlorobenzene	<0.609		10.4	0.609	ug/L		05/22/13 14:30	05/23/13 13:07	1
4-Chloro-3-methylphenol	<0.519		10.4	0.519	ug/L		05/22/13 14:30	05/23/13 13:07	1
2-Chlorophenol	<0.376		10.4	0.376	ug/L		05/22/13 14:30	05/23/13 13:07	1

Client Sample ID: HSM 120
Date Collected: 05/21/13 14:55
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	<0.403		10.4	0.403	ug/L		05/22/13 14:30	05/23/13 13:07	1
2,4-Dimethylphenol	<0.583		10.4	0.583	ug/L		05/22/13 14:30	05/23/13 13:07	1
2,4-Dinitrophenol	<0.967		10.4	0.967	ug/L		05/22/13 14:30	05/23/13 13:07	1
4,6-Dinitro-2-methylphenol	<1.90		10.4	1.90	ug/L		05/22/13 14:30	05/23/13 13:07	1
2-Methylphenol	<0.506		10.4	0.506	ug/L		05/22/13 14:30	05/23/13 13:07	1
3 & 4 Methylphenol	<0.918		20.8	0.918	ug/L		05/22/13 14:30	05/23/13 13:07	1
2-Nitrophenol	<0.425		10.4	0.425	ug/L		05/22/13 14:30	05/23/13 13:07	1
4-Nitrophenol	<1.84		10.4	1.84	ug/L		05/22/13 14:30	05/23/13 13:07	1
Pentachlorophenol	<5.21		10.4	5.21	ug/L		05/22/13 14:30	05/23/13 13:07	1
Phenol	<1.04		10.4	1.04	ug/L		05/22/13 14:30	05/23/13 13:07	1
2,4,6-Trichlorophenol	<0.409		10.4	0.409	ug/L		05/22/13 14:30	05/23/13 13:07	1
2,4,5-Trichlorophenol	<0.413		10.4	0.413	ug/L		05/22/13 14:30	05/23/13 13:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
unused surrogate	*96.7*	*T J*	*ug/L*		*5.62*		*05/22/13 14:30*	*05/23/13 13:07*	*1*
unused surrogate	*60.8*	*T J*	*ug/L*		*6.09*		*05/22/13 14:30*	*05/23/13 13:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*87*		*27 - 130*	*05/22/13 14:30*	*05/23/13 13:07*	*1*
2-Fluorobiphenyl	*70*		*23 - 130*	*05/22/13 14:30*	*05/23/13 13:07*	*1*
Terphenyl-d14	*68*		*10 - 141*	*05/22/13 14:30*	*05/23/13 13:07*	*1*
Phenol-d5	*76*		*10 - 130*	*05/22/13 14:30*	*05/23/13 13:07*	*1*
2-Fluorophenol	*71*		*10 - 130*	*05/22/13 14:30*	*05/23/13 13:07*	*1*
2,4,6-Tribromophenol	*92*		*18 - 130*	*05/22/13 14:30*	*05/23/13 13:07*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00227		0.0567	0.00227	ug/L		05/29/13 14:25	05/30/13 20:14	1
4,4'-DDE	<0.00265		0.0567	0.00265	ug/L		05/29/13 14:25	05/30/13 20:14	1
4,4'-DDT	<0.00765		0.0567	0.00765	ug/L		05/29/13 14:25	05/30/13 20:14	1
Aldrin	<0.00142		0.0567	0.00142	ug/L		05/29/13 14:25	05/30/13 20:14	1
alpha-BHC	<0.00491		0.0567	0.00491	ug/L		05/29/13 14:25	05/30/13 20:14	1
alpha-Chlordane	<0.00595		0.0567	0.00595	ug/L		05/29/13 14:25	05/30/13 20:14	1
beta-BHC	<0.00283		0.0567	0.00283	ug/L		05/29/13 14:25	05/30/13 20:14	1
Chlordane (technical)	<0.142		0.567	0.142	ug/L		05/29/13 14:25	05/30/13 20:14	1
delta-BHC	<0.00208		0.0567	0.00208	ug/L		05/29/13 14:25	05/30/13 20:14	1
Dieldrin	<0.0123		0.0567	0.0123	ug/L		05/29/13 14:25	05/30/13 20:14	1
Endosulfan I	<0.00368		0.0567	0.00368	ug/L		05/29/13 14:25	05/30/13 20:14	1
Endosulfan II	<0.00812		0.0567	0.00812	ug/L		05/29/13 14:25	05/30/13 20:14	1
Endosulfan sulfate	<0.00831		0.0567	0.00831	ug/L		05/29/13 14:25	05/30/13 20:14	1
Endrin	<0.00727		0.0567	0.00727	ug/L		05/29/13 14:25	05/30/13 20:14	1
Endrin aldehyde	<0.00283		0.0567	0.00283	ug/L		05/29/13 14:25	05/30/13 20:14	1
Endrin ketone	<0.00775		0.0567	0.00775	ug/L		05/29/13 14:25	05/30/13 20:14	1
gamma-BHC (Lindane)	<0.00425		0.0567	0.00425	ug/L		05/29/13 14:25	05/30/13 20:14	1
gamma-Chlordane	<0.00633		0.0567	0.00633	ug/L		05/29/13 14:25	05/30/13 20:14	1
Heptachlor	<0.00614		0.0567	0.00614	ug/L		05/29/13 14:25	05/30/13 20:14	1
Heptachlor epoxide	<0.00491		0.0567	0.00491	ug/L		05/29/13 14:25	05/30/13 20:14	1
Methoxychlor	<0.00945		0.0567	0.00945	ug/L		05/29/13 14:25	05/30/13 20:14	1
Toxaphene	<0.642		5.67	0.642	ug/L		05/29/13 14:25	05/30/13 20:14	1

Client Sample ID: HSM 120
Date Collected: 05/21/13 14:55
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*10 - 152*	*05/29/13 14:25*	*05/30/13 20:14*	*1*
Tetrachloro-m-xylene	*56*	*X*	*57 - 127*	*05/29/13 14:25*	*05/30/13 20:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1221	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1232	<0.424		0.771	0.424	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1242	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1248	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1254	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1260	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1262	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1
Aroclor 1268	<0.106		0.578	0.106	ug/L		05/29/13 14:27	06/03/13 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*25 - 140*	*05/29/13 14:27*	*06/03/13 12:16*	*1*
DCB Decachlorobiphenyl	*54*		*42 - 133*	*05/29/13 14:27*	*06/03/13 12:16*	*1*

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.311		0.943	0.311	ug/L		05/23/13 17:00	05/29/13 18:21	1
Bolstar	<0.0896		0.943	0.0896	ug/L		05/23/13 17:00	05/29/13 18:21	1
Chlorpyrifos	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:21	1
Coumaphos	<0.0764		0.943	0.0764	ug/L		05/23/13 17:00	05/29/13 18:21	1
Demeton-O	<0.104		2.36	0.104	ug/L		05/23/13 17:00	05/29/13 18:21	1
Demeton-S	<0.0566		2.36	0.0566	ug/L		05/23/13 17:00	05/29/13 18:21	1
Diazinon	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:21	1
Dichlorvos	<0.245		1.89	0.245	ug/L		05/23/13 17:00	05/29/13 18:21	1
Dimethoate	<0.302		1.89	0.302	ug/L		05/23/13 17:00	05/29/13 18:21	1
Disulfoton	<0.113		1.89	0.113	ug/L		05/23/13 17:00	05/29/13 18:21	1
EPN	<0.0670		0.943	0.0670	ug/L		05/23/13 17:00	05/29/13 18:21	1
Famphur	<0.104		1.89	0.104	ug/L		05/23/13 17:00	05/29/13 18:21	1
Fensulfothion	<0.160		4.72	0.160	ug/L		05/23/13 17:00	05/29/13 18:21	1
Fenthion	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:21	1
Malathion	<0.0868		0.943	0.0868	ug/L		05/23/13 17:00	05/29/13 18:21	1
Merphos	<0.123		0.943	0.123	ug/L		05/23/13 17:00	05/29/13 18:21	1
Methyl parathion	<0.113		0.472	0.113	ug/L		05/23/13 17:00	05/29/13 18:21	1
Mevinphos	<0.142		1.89	0.142	ug/L		05/23/13 17:00	05/29/13 18:21	1
Ethoprop	<0.387		0.472	0.387	ug/L		05/23/13 17:00	05/29/13 18:21	1
Monochrotophos	<2.45		9.43	2.45	ug/L		05/23/13 17:00	05/29/13 18:21	1
Naled	<0.340		4.72	0.340	ug/L		05/23/13 17:00	05/29/13 18:21	1
Ethyl Parathion	<0.0755		0.943	0.0755	ug/L		05/23/13 17:00	05/29/13 18:21	1
Phorate	<0.151		0.943	0.151	ug/L		05/23/13 17:00	05/29/13 18:21	1
Ronnel	<0.123		0.943	0.123	ug/L		05/23/13 17:00	05/29/13 18:21	1
Stirophos	<0.0792		0.943	0.0792	ug/L		05/23/13 17:00	05/29/13 18:21	1
Sulfotepp	<0.0519		0.472	0.0519	ug/L		05/23/13 17:00	05/29/13 18:21	1
Thionazin	<0.0575		0.943	0.0575	ug/L		05/23/13 17:00	05/29/13 18:21	1
Tokuthion	<0.0821		0.943	0.0821	ug/L		05/23/13 17:00	05/29/13 18:21	1
Trichloronate	<0.104		0.943	0.104	ug/L		05/23/13 17:00	05/29/13 18:21	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 120
Date Collected: 05/21/13 14:55
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	*104*		*37 - 139*	*05/23/13 17:00*	*05/29/13 18:21*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0608		0.490	0.0608	ug/L		05/28/13 08:26	05/30/13 01:22	1
2,4-D	<0.0363		0.490	0.0363	ug/L		05/28/13 08:26	05/30/13 01:22	1
2,4-DB	<0.147		0.490	0.147	ug/L		05/28/13 08:26	05/30/13 01:22	1
Dalapon	<0.0981		9.81	0.0981	ug/L		05/28/13 08:26	05/30/13 01:22	1
Dicamba	<0.0834		0.490	0.0834	ug/L		05/28/13 08:26	05/30/13 01:22	1
Dichlorprop	<0.147		0.490	0.147	ug/L		05/28/13 08:26	05/30/13 01:22	1
Dinoseb	<0.157		5.89	0.157	ug/L		05/28/13 08:26	05/30/13 01:22	1
MCPA	<16.7		118	16.7	ug/L		05/28/13 08:26	05/30/13 01:22	1
Pentachlorophenol	<0.0363		0.245	0.0363	ug/L		05/28/13 08:26	05/30/13 01:22	1
Silvex (2,4,5-TP)	<0.0608		0.490	0.0608	ug/L		05/28/13 08:26	05/30/13 01:22	1
Mecoprop	<18.6		118	18.6	ug/L		05/28/13 08:26	05/30/13 01:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	*79*		*52 - 151*	*05/28/13 08:26*	*05/30/13 01:22*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	**3650**		500	70.7	ug/L		05/23/13 08:30	05/24/13 16:48	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**88.0**		0.500	0.198	mg/L		05/28/13 09:00	05/31/13 00:00	1
Silver	<0.941		5.00	0.941	ug/L		05/28/13 09:00	05/31/13 00:00	1
Arsenic	**1.31**	**J**	5.00	1.09	ug/L		05/28/13 09:00	05/31/13 23:45	1
Potassium	**1.42**		1.00	0.407	mg/L		05/28/13 09:00	05/31/13 00:00	1
Barium	**36.4**		5.00	0.810	ug/L		05/28/13 09:00	05/31/13 00:00	1
Magnesium	**17.3**		0.500	0.113	mg/L		05/28/13 09:00	05/31/13 23:45	1
Beryllium	<1.24		4.00	1.24	ug/L		05/28/13 09:00	05/31/13 00:00	1
Sodium	**12.3**		1.00	0.727	mg/L		05/28/13 09:00	05/31/13 23:45	1
Cadmium	<0.854		2.00	0.854	ug/L		05/28/13 09:00	05/31/13 00:00	1
Strontium	**503**		5.00	0.768	ug/L		05/28/13 09:00	05/31/13 00:00	1
Chromium	<1.40		5.00	1.40	ug/L		05/28/13 09:00	05/31/13 00:00	1
Copper	<2.00		10.0	2.00	ug/L		05/28/13 09:00	05/31/13 00:00	1
Manganese	<11.6		50.0	11.6	ug/L		05/28/13 09:00	05/31/13 00:00	1
Nickel	<2.17		5.00	2.17	ug/L		05/28/13 09:00	05/31/13 00:00	1
Lead	<0.733		5.00	0.733	ug/L		05/28/13 09:00	05/31/13 00:00	1
Selenium	**2.75**	**J**	5.00	1.08	ug/L		05/28/13 09:00	05/31/13 23:45	1
Thallium	<0.693		2.00	0.693	ug/L		05/28/13 09:00	05/31/13 00:00	1
Zinc	<3.55		25.0	3.55	ug/L		05/28/13 09:00	05/31/13 23:45	1
Antimony	<1.61		5.00	1.61	ug/L		05/28/13 09:00	05/31/13 00:00	1
Aluminum	<22.5		50.0	22.5	ug/L		05/28/13 09:00	05/31/13 23:45	1
Iron	<101		250	101	ug/L		05/28/13 09:00	05/31/13 00:00	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		05/23/13 08:15	05/23/13 14:47	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: HSM 120

Lab Sample ID: 560-40082-2

Date Collected: 05/21/13 14:55

Matrix: Water

Date Received: 05/22/13 08:35

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**0.427**	**J**	1.00	0.315	mg/L			05/22/13 18:15	1
Chloride	**21.5**		1.00	0.192	mg/L			05/22/13 18:15	1
Nitrate as N	**1.23**		0.500	0.103	mg/L			05/22/13 18:15	1
Sulfate	**28.0**		1.00	0.377	mg/L			05/22/13 18:15	1
Fluoride	**0.313**		0.100	0.0200	mg/L			05/31/13 07:30	1
Nitrogen, Kjeldahl	<0.432		1.00	0.432	mg/L			05/29/13 14:44	1
Phosphorus	**0.0467**	**J**	0.100	0.0410	mg/L		05/24/13 15:00	05/28/13 14:22	1
Total Organic Carbon	**0.751**	**J B**	1.00	0.285	mg/L			05/29/13 14:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.00**	**HF**	0.100	0.100	SU			05/23/13 15:00	1
Total Alkalinity as CaCO3	**254**		5.00	5.00	mg/L			05/24/13 15:00	1
Bicarbonate Alkalinity as CaCO3	**254**		5.00	5.00	mg/L			05/24/13 15:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			05/24/13 15:00	1
Total Dissolved Solids	**365**		10.0	10.0	mg/L			05/24/13 11:00	1
Total Suspended Solids	**4.80**		3.00	3.00	mg/L			05/22/13 15:10	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	**1.50**	**B**	1.00	0.285	mg/L			05/29/13 14:26	1

Client Sample ID: Trip Blank

Lab Sample ID: 560-40082-3

Date Collected: 05/21/13 00:00

Matrix: Water

Date Received: 05/22/13 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			05/26/13 18:14	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			05/26/13 18:14	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			05/26/13 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			05/26/13 18:14	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			05/26/13 18:14	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			05/26/13 18:14	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			05/26/13 18:14	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			05/26/13 18:14	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			05/26/13 18:14	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			05/26/13 18:14	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			05/26/13 18:14	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 18:14	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			05/26/13 18:14	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			05/26/13 18:14	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			05/26/13 18:14	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			05/26/13 18:14	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			05/26/13 18:14	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			05/26/13 18:14	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 18:14	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			05/26/13 18:14	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			05/26/13 18:14	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			05/26/13 18:14	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
1,4-Dioxane	<7.46		100	7.46	ug/L			05/26/13 18:14	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: Trip Blank
Date Collected: 05/21/13 00:00
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Chlorohexane	<0.500		5.00	0.500	ug/L			05/26/13 18:14	1
1-Octene	<0.440		5.00	0.440	ug/L			05/26/13 18:14	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			05/26/13 18:14	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			05/26/13 18:14	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			05/26/13 18:14	1
2-Hexanone	<0.200		5.00	0.200	ug/L			05/26/13 18:14	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			05/26/13 18:14	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			05/26/13 18:14	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			05/26/13 18:14	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			05/26/13 18:14	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			05/26/13 18:14	1
Acetone	<5.00		10.0	5.00	ug/L			05/26/13 18:14	1
Acetonitrile	<10.0		50.0	10.0	ug/L			05/26/13 18:14	1
Benzene	<0.140		1.00	0.140	ug/L			05/26/13 18:14	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			05/26/13 18:14	1
Bromobenzene	<0.128		1.00	0.128	ug/L			05/26/13 18:14	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			05/26/13 18:14	1
Bromoform	<0.500		5.00	0.500	ug/L			05/26/13 18:14	1
Bromomethane	<0.392		5.00	0.392	ug/L			05/26/13 18:14	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			05/26/13 18:14	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			05/26/13 18:14	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			05/26/13 18:14	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			05/26/13 18:14	1
Chloroethane	<0.400		5.00	0.400	ug/L			05/26/13 18:14	1
Chloroform	<0.173		1.00	0.173	ug/L			05/26/13 18:14	1
Chloromethane	<0.390		5.00	0.390	ug/L			05/26/13 18:14	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			05/26/13 18:14	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			05/26/13 18:14	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 18:14	1
Cyclohexane	<1.00		2.00	1.00	ug/L			05/26/13 18:14	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			05/26/13 18:14	1
Dibromomethane	<0.165		1.00	0.165	ug/L			05/26/13 18:14	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			05/26/13 18:14	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			05/26/13 18:14	1
EDB	<0.150		1.00	0.150	ug/L			05/26/13 18:14	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			05/26/13 18:14	1
Ethyl ether	<0.135		1.00	0.135	ug/L			05/26/13 18:14	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			05/26/13 18:14	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			05/26/13 18:14	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			05/26/13 18:14	1
Hexane	<2.00		5.00	2.00	ug/L			05/26/13 18:14	1
Iodomethane	<0.223		2.00	0.223	ug/L			05/26/13 18:14	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			05/26/13 18:14	1
Isooctane	<0.500		5.00	0.500	ug/L			05/26/13 18:14	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			05/26/13 18:14	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			05/26/13 18:14	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			05/26/13 18:14	1

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

TestAmerica Job ID: 560-40082-1

Client Sample ID: Trip Blank
Date Collected: 05/21/13 00:00
Date Received: 05/22/13 08:35

Lab Sample ID: 560-40082-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			05/26/13 18:14	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			05/26/13 18:14	1
Naphthalene	<0.200		5.00	0.200	ug/L			05/26/13 18:14	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
n-Heptane	<0.300		5.00	0.300	ug/L			05/26/13 18:14	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			05/26/13 18:14	1
o-Xylene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			05/26/13 18:14	1
Propionitrile	<2.69		10.0	2.69	ug/L			05/26/13 18:14	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			05/26/13 18:14	1
Styrene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 18:14	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			05/26/13 18:14	1
Toluene	<0.300		1.00	0.300	ug/L			05/26/13 18:14	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			05/26/13 18:14	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 18:14	1
Trichloroethene	<0.317		1.00	0.317	ug/L			05/26/13 18:14	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			05/26/13 18:14	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			05/26/13 18:14	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			05/26/13 18:14	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			05/26/13 18:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/26/13 18:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 130*		*05/26/13 18:14*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*05/26/13 18:14*	*1*
Dibromofluoromethane (Surr)	*118*		*70 - 130*		*05/26/13 18:14*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/26/13 18:14*	*1*

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

Lab Sample ID: MB 560-88376/8
Matrix: Water
Analysis Batch: 88376

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.209		1.00	0.209	ug/L			05/26/13 11:56	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			05/26/13 11:56	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			05/26/13 11:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			05/26/13 11:56	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			05/26/13 11:56	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			05/26/13 11:56	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			05/26/13 11:56	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			05/26/13 11:56	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			05/26/13 11:56	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			05/26/13 11:56	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			05/26/13 11:56	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 11:56	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			05/26/13 11:56	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			05/26/13 11:56	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			05/26/13 11:56	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			05/26/13 11:56	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			05/26/13 11:56	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			05/26/13 11:56	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 11:56	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			05/26/13 11:56	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			05/26/13 11:56	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			05/26/13 11:56	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
1,4-Dioxane	<7.46		100	7.46	ug/L			05/26/13 11:56	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			05/26/13 11:56	1
1-Octene	<0.440		5.00	0.440	ug/L			05/26/13 11:56	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			05/26/13 11:56	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			05/26/13 11:56	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			05/26/13 11:56	1
2-Hexanone	<0.200		5.00	0.200	ug/L			05/26/13 11:56	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			05/26/13 11:56	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			05/26/13 11:56	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			05/26/13 11:56	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			05/26/13 11:56	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			05/26/13 11:56	1
Acetone	<5.00		10.0	5.00	ug/L			05/26/13 11:56	1
Acetonitrile	<10.0		50.0	10.0	ug/L			05/26/13 11:56	1
Benzene	<0.140		1.00	0.140	ug/L			05/26/13 11:56	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			05/26/13 11:56	1
Bromobenzene	<0.128		1.00	0.128	ug/L			05/26/13 11:56	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			05/26/13 11:56	1
Bromoform	<0.500		5.00	0.500	ug/L			05/26/13 11:56	1
Bromomethane	<0.392		5.00	0.392	ug/L			05/26/13 11:56	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			05/26/13 11:56	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			05/26/13 11:56	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			05/26/13 11:56	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			05/26/13 11:56	1

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

Lab Sample ID: MB 560-88376/8
Matrix: Water
Analysis Batch: 88376

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<0.400		5.00	0.400	ug/L			05/26/13 11:56	1
Chloroform	<0.173		1.00	0.173	ug/L			05/26/13 11:56	1
Chloromethane	<0.390		5.00	0.390	ug/L			05/26/13 11:56	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			05/26/13 11:56	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			05/26/13 11:56	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 11:56	1
Cyclohexane	<1.00		2.00	1.00	ug/L			05/26/13 11:56	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			05/26/13 11:56	1
Dibromomethane	<0.165		1.00	0.165	ug/L			05/26/13 11:56	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			05/26/13 11:56	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			05/26/13 11:56	1
EDB	<0.150		1.00	0.150	ug/L			05/26/13 11:56	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			05/26/13 11:56	1
Ethyl ether	<0.135		1.00	0.135	ug/L			05/26/13 11:56	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			05/26/13 11:56	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			05/26/13 11:56	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			05/26/13 11:56	1
Hexane	<2.00		5.00	2.00	ug/L			05/26/13 11:56	1
Iodomethane	<0.223		2.00	0.223	ug/L			05/26/13 11:56	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			05/26/13 11:56	1
Isooctane	<0.500		5.00	0.500	ug/L			05/26/13 11:56	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			05/26/13 11:56	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			05/26/13 11:56	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			05/26/13 11:56	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			05/26/13 11:56	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			05/26/13 11:56	1
Naphthalene	<0.200		5.00	0.200	ug/L			05/26/13 11:56	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
n-Heptane	<0.300		5.00	0.300	ug/L			05/26/13 11:56	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			05/26/13 11:56	1
o-Xylene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			05/26/13 11:56	1
Propionitrile	<2.69		10.0	2.69	ug/L			05/26/13 11:56	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			05/26/13 11:56	1
Styrene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			05/26/13 11:56	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			05/26/13 11:56	1
Toluene	<0.300		1.00	0.300	ug/L			05/26/13 11:56	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			05/26/13 11:56	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			05/26/13 11:56	1
Trichloroethene	<0.317		1.00	0.317	ug/L			05/26/13 11:56	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			05/26/13 11:56	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			05/26/13 11:56	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			05/26/13 11:56	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			05/26/13 11:56	1

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

Lab Sample ID: MB 560-88376/8
Matrix: Water
Analysis Batch: 88376

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/L					05/26/13 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 130		05/26/13 11:56	1
4-Bromofluorobenzene (Surr)	89		70 - 130		05/26/13 11:56	1
Dibromofluoromethane (Surr)	115		70 - 130		05/26/13 11:56	1
Toluene-d8 (Surr)	101		70 - 130		05/26/13 11:56	1

Lab Sample ID: LCS 560-88376/3
Matrix: Water
Analysis Batch: 88376

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	24.57		ug/L		98	70 - 130
1,1,1-Trichloroethane	25.0	25.51		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.78		ug/L		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.18		ug/L		101	51 - 130
1,1,2-Trichloroethane	25.0	24.88		ug/L		100	70 - 130
1,1-Dichloroethane	25.0	23.88		ug/L		96	70 - 130
1,1-Dichloroethene	25.0	23.69		ug/L		95	67 - 130
1,1-Dichloropropene	25.0	23.35		ug/L		93	70 - 130
1,2,3-Trichlorobenzene	25.0	28.12		ug/L		112	59 - 135
1,2,3-Trichloropropane	25.0	25.12		ug/L		100	68 - 132
1,2,4-Trichlorobenzene	25.0	25.61		ug/L		102	62 - 135
1,2,4-Trimethylbenzene	25.0	23.43		ug/L		94	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.94		ug/L		112	56 - 135
1,2-Dichlorobenzene	25.0	24.31		ug/L		97	70 - 130
1,2-Dichloroethane	25.0	26.06		ug/L		104	68 - 130
1,2-Dichloroethene, Total	50.0	47.96		ug/L		96	70 - 130
1,2-Dichloropropane	25.0	24.11		ug/L		96	70 - 130
1,3,5-Trichlorobenzene	25.0	25.41		ug/L		102	62 - 137
1,3,5-Trimethylbenzene	25.0	23.42		ug/L		94	69 - 130
1,3-Butadiene	25.0	18.65		ug/L		75	31 - 132
1,3-Dichlorobenzene	25.0	24.24		ug/L		97	70 - 130
1,3-Dichloropropane	25.0	24.18		ug/L		97	70 - 130
1,4-Dichlorobenzene	25.0	23.85		ug/L		95	70 - 130
1,4-Dioxane	500	680.9		ug/L		136	34 - 174
1-Chlorohexane	25.0	23.75		ug/L		95	64 - 130
1-Octene	25.0	24.49		ug/L		98	63 - 134
2,2-Dichloropropane	25.0	24.87		ug/L		99	63 - 141
2-Butanone (MEK)	25.0	25.82		ug/L		103	50 - 158
2-Chloro-1,3-butadiene	25.0	23.62		ug/L		94	55 - 144
2-Chlorotoluene	25.0	23.08		ug/L		92	70 - 130
2-Hexanone	25.0	24.53		ug/L		98	58 - 145
2-Nitropropane	25.0	25.98		ug/L		104	24 - 150
3-Chloro-1-propene	25.0	21.38		ug/L		86	70 - 139
4-Chlorotoluene	25.0	22.43		ug/L		90	70 - 130

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

Lab Sample ID: LCS 560-88376/3
Matrix: Water
Analysis Batch: 88376

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Isopropyltoluene	25.0	23.73		ug/L		95	69 - 130
4-Methyl-2-pentanone (MIBK)	24.8	24.00		ug/L		97	62 - 135
Acetone	25.0	23.91		ug/L		96	34 - 197
Acetonitrile	250	243.7		ug/L		97	10 - 200
Benzene	25.0	24.47		ug/L		98	70 - 130
Benzyl chloride	25.0	24.46		ug/L		98	56 - 135
Bromobenzene	25.0	22.64		ug/L		91	67 - 130
Bromochloromethane	25.0	24.84		ug/L		99	70 - 130
Bromoform	25.0	26.77		ug/L		107	53 - 130
Bromomethane	25.0	23.85		ug/L		95	57 - 132
Carbon disulfide	25.0	25.81		ug/L		103	70 - 152
Carbon tetrachloride	25.0	25.19		ug/L		101	65 - 129
Chlorobenzene	25.0	22.58		ug/L		90	70 - 130
Chlorodibromomethane	25.0	25.88		ug/L		104	64 - 130
Chloroethane	25.0	22.99		ug/L		92	65 - 133
Chloroform	25.0	25.18		ug/L		101	70 - 130
Chloromethane	25.0	24.34		ug/L		97	54 - 156
cis-1,2-Dichloroethene	25.0	23.46		ug/L		94	70 - 130
cis-1,3-Dichloropropene	25.0	23.13		ug/L		93	65 - 132
cis-1,4-Dichloro-2-butene	25.0	23.24		ug/L		93	25 - 156
Cyclohexane	50.0	47.79		ug/L		96	62 - 134
Cyclohexanone	125	174.8		ug/L		140	10 - 200
Dibromomethane	25.0	25.84		ug/L		103	70 - 130
Dichlorobromomethane	25.0	25.84		ug/L		103	70 - 130
Dichlorodifluoromethane	25.0	27.57		ug/L		110	23 - 167
EDB	25.0	24.88		ug/L		100	70 - 130
Ethyl acetate	25.0	27.25		ug/L		109	64 - 139
Ethyl ether	25.0	24.04		ug/L		96	70 - 130
Ethyl methacrylate	25.0	22.57		ug/L		90	66 - 130
Ethylbenzene	25.0	22.68		ug/L		91	70 - 130
Ethylene oxide	100	107.2		ug/L		107	12 - 185
Hexachlorobutadiene	25.0	32.27		ug/L		129	55 - 149
Hexane	25.0	24.70		ug/L		99	60 - 159
Iodomethane	25.0	24.42		ug/L		98	70 - 142
Isobutyl alcohol	500	631.8		ug/L		126	34 - 165
Isooctane	25.0	26.50		ug/L		106	66 - 150
Isopropylbenzene	25.0	22.04		ug/L		88	66 - 130
Methacrylonitrile	250	266.4		ug/L		107	70 - 130
Methyl methacrylate	25.0	25.45		ug/L		102	63 - 130
Methyl tert-butyl ether	25.0	25.69		ug/L		103	69 - 135
Methylene Chloride	25.0	23.66		ug/L		95	70 - 130
m-Xylene & p-Xylene	50.0	46.21		ug/L		92	70 - 130
Naphthalene	25.0	23.72		ug/L		95	68 - 131
n-Butylbenzene	25.0	23.98		ug/L		96	62 - 138
n-Heptane	25.0	25.76		ug/L		103	70 - 150
N-Propylbenzene	25.0	22.87		ug/L		91	51 - 158
o-Xylene	25.0	23.01		ug/L		92	70 - 130
Pentachloroethane	25.0	26.17		ug/L		105	60 - 145

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

Lab Sample ID: LCS 560-88376/3
Matrix: Water
Analysis Batch: 88376

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Propionitrile	250	268.8		ug/L		108	50 - 158
sec-Butylbenzene	25.0	22.45		ug/L		90	66 - 130
Styrene	25.0	23.85		ug/L		95	64 - 130
tert-Butylbenzene	25.0	22.66		ug/L		91	66 - 130
Tetrachloroethene	25.0	22.84		ug/L		91	60 - 130
Toluene	25.0	23.98		ug/L		96	70 - 130
trans-1,2-Dichloroethene	25.0	24.50		ug/L		98	70 - 130
trans-1,3-Dichloropropene	25.0	25.41		ug/L		102	56 - 130
trans-1,4-Dichloro-2-butene	25.0	24.22		ug/L		97	31 - 142
Trichloroethene	25.0	23.38		ug/L		94	70 - 130
Trichlorofluoromethane	25.0	24.87		ug/L		99	60 - 133
Vinyl acetate	25.0	25.02		ug/L		100	70 - 159
Vinyl chloride	25.0	23.19		ug/L		93	59 - 139
Xylenes, Total	75.0	69.22		ug/L		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 560-88261/1-A
Matrix: Water
Analysis Batch: 88259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88261

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.569		10.0	0.569	ug/L		05/22/13 14:30	05/23/13 11:20	1
Acenaphthylene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Anthracene	<0.404		10.0	0.404	ug/L		05/22/13 14:30	05/23/13 11:20	1
Benzo[a]anthracene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Benzo[b]fluoranthene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Benzo[k]fluoranthene	<0.364		10.0	0.364	ug/L		05/22/13 14:30	05/23/13 11:20	1
Benzo[g,h,i]perylene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Benzo[a]pyrene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Benzyl alcohol	<1.36		10.0	1.36	ug/L		05/22/13 14:30	05/23/13 11:20	1
Butyl benzyl phthalate	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Bis(2-chloroethoxy)methane	<0.593		10.0	0.593	ug/L		05/22/13 14:30	05/23/13 11:20	1
Bis(2-chloroethyl)ether	<0.705		10.0	0.705	ug/L		05/22/13 14:30	05/23/13 11:20	1
Bis(2-ethylhexyl) phthalate	<5.00		20.0	5.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
4-Bromophenyl phenyl ether	<0.743		10.0	0.743	ug/L		05/22/13 14:30	05/23/13 11:20	1
4-Chloroaniline	<0.456		10.0	0.456	ug/L		05/22/13 14:30	05/23/13 11:20	1
2-Chloronaphthalene	<0.497		10.0	0.497	ug/L		05/22/13 14:30	05/23/13 11:20	1
4-Chlorophenyl phenyl ether	<0.524		10.0	0.524	ug/L		05/22/13 14:30	05/23/13 11:20	1
Chrysene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Dibenz(a,h)anthracene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Dibenzofuran	<0.514		10.0	0.514	ug/L		05/22/13 14:30	05/23/13 11:20	1

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

Lab Sample ID: MB 560-88261/1-A
Matrix: Water
Analysis Batch: 88259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88261

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<0.503		10.0	0.503	ug/L		05/22/13 14:30	05/23/13 11:20	1
1,3-Dichlorobenzene	<2.00		10.0	2.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
1,4-Dichlorobenzene	<0.740		10.0	0.740	ug/L		05/22/13 14:30	05/23/13 11:20	1
3,3'-Dichlorobenzidine	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
Diethyl phthalate	<0.524		10.0	0.524	ug/L		05/22/13 14:30	05/23/13 11:20	1
Dimethyl phthalate	<0.549		10.0	0.549	ug/L		05/22/13 14:30	05/23/13 11:20	1
Di-n-butyl phthalate	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Di-n-octyl phthalate	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
2,4-Dinitrotoluene	<0.383		10.0	0.383	ug/L		05/22/13 14:30	05/23/13 11:20	1
2,6-Dinitrotoluene	<0.522		10.0	0.522	ug/L		05/22/13 14:30	05/23/13 11:20	1
Fluoranthene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Fluorene	<0.608		10.0	0.608	ug/L		05/22/13 14:30	05/23/13 11:20	1
Hexachlorobenzene	<0.652		10.0	0.652	ug/L		05/22/13 14:30	05/23/13 11:20	1
Hexachlorobutadiene	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
Hexachlorocyclopentadiene	<5.00		10.0	5.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
Hexachloroethane	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
Indeno[1,2,3-cd]pyrene	<0.500		10.0	0.500	ug/L		05/22/13 14:30	05/23/13 11:20	1
Isophorone	<0.626		10.0	0.626	ug/L		05/22/13 14:30	05/23/13 11:20	1
2-Methylnaphthalene	<0.429		10.0	0.429	ug/L		05/22/13 14:30	05/23/13 11:20	1
2-Nitroaniline	<0.443		10.0	0.443	ug/L		05/22/13 14:30	05/23/13 11:20	1
3-Nitroaniline	<1.79		10.0	1.79	ug/L		05/22/13 14:30	05/23/13 11:20	1
4-Nitroaniline	<1.46		10.0	1.46	ug/L		05/22/13 14:30	05/23/13 11:20	1
Naphthalene	<0.477		10.0	0.477	ug/L		05/22/13 14:30	05/23/13 11:20	1
Nitrobenzene	<0.336		10.0	0.336	ug/L		05/22/13 14:30	05/23/13 11:20	1
N-Nitrosodi-n-propylamine	<0.650		10.0	0.650	ug/L		05/22/13 14:30	05/23/13 11:20	1
N-Nitrosodiphenylamine	<0.509		10.0	0.509	ug/L		05/22/13 14:30	05/23/13 11:20	1
Phenanthrene	<0.514		10.0	0.514	ug/L		05/22/13 14:30	05/23/13 11:20	1
Pyrene	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
1,2,4-Trichlorobenzene	<0.585		10.0	0.585	ug/L		05/22/13 14:30	05/23/13 11:20	1
4-Chloro-3-methylphenol	<0.498		10.0	0.498	ug/L		05/22/13 14:30	05/23/13 11:20	1
2-Chlorophenol	<0.361		10.0	0.361	ug/L		05/22/13 14:30	05/23/13 11:20	1
2,4-Dichlorophenol	<0.387		10.0	0.387	ug/L		05/22/13 14:30	05/23/13 11:20	1
2,4-Dimethylphenol	<0.560		10.0	0.560	ug/L		05/22/13 14:30	05/23/13 11:20	1
2,4-Dinitrophenol	<0.928		10.0	0.928	ug/L		05/22/13 14:30	05/23/13 11:20	1
4,6-Dinitro-2-methylphenol	<1.82		10.0	1.82	ug/L		05/22/13 14:30	05/23/13 11:20	1
2-Methylphenol	<0.486		10.0	0.486	ug/L		05/22/13 14:30	05/23/13 11:20	1
3 & 4 Methylphenol	<0.881		20.0	0.881	ug/L		05/22/13 14:30	05/23/13 11:20	1
2-Nitrophenol	<0.408		10.0	0.408	ug/L		05/22/13 14:30	05/23/13 11:20	1
4-Nitrophenol	<1.77		10.0	1.77	ug/L		05/22/13 14:30	05/23/13 11:20	1
Pentachlorophenol	<5.00		10.0	5.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
Phenol	<1.00		10.0	1.00	ug/L		05/22/13 14:30	05/23/13 11:20	1
2,4,6-Trichlorophenol	<0.393		10.0	0.393	ug/L		05/22/13 14:30	05/23/13 11:20	1
2,4,5-Trichlorophenol	<0.396		10.0	0.396	ug/L		05/22/13 14:30	05/23/13 11:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*53.05*	*T J N*	*ug/L*		*6.09*	*2199-69-1*	*05/22/13 14:30*	*05/23/13 11:20*	*1*

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

Lab Sample ID: MB 560-88261/1-A
Matrix: Water
Analysis Batch: 88259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88261

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	87		27 - 130	05/22/13 14:30	05/23/13 11:20	1
2-Fluorobiphenyl	63		23 - 130	05/22/13 14:30	05/23/13 11:20	1
Terphenyl-d14	70		10 - 141	05/22/13 14:30	05/23/13 11:20	1
Phenol-d5	80		10 - 130	05/22/13 14:30	05/23/13 11:20	1
2-Fluorophenol	74		10 - 130	05/22/13 14:30	05/23/13 11:20	1
2,4,6-Tribromophenol	90		18 - 130	05/22/13 14:30	05/23/13 11:20	1

Lab Sample ID: LCS 560-88261/2-A
Matrix: Water
Analysis Batch: 88259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88261

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	100	84.98		ug/L		85	55 - 130
Acenaphthylene	100	84.29		ug/L		84	52 - 130
Anthracene	100	92.03		ug/L		92	70 - 130
Benzo[a]anthracene	100	88.85		ug/L		89	70 - 130
Benzo[b]fluoranthene	100	95.15		ug/L		95	67 - 133
Benzo[k]fluoranthene	100	84.09		ug/L		84	69 - 130
Benzo[g,h,i]perylene	100	87.97		ug/L		88	69 - 130
Benzo[a]pyrene	100	89.68		ug/L		90	70 - 134
Benzyl alcohol	100	86.59		ug/L		87	44 - 130
Butyl benzyl phthalate	100	98.14		ug/L		98	70 - 130
Bis(2-chloroethoxy)methane	100	89.90		ug/L		90	44 - 130
Bis(2-chloroethyl)ether	100	86.10		ug/L		86	44 - 130
Bis(2-ethylhexyl) phthalate	100	93.74		ug/L		94	70 - 130
4-Bromophenyl phenyl ether	100	91.26		ug/L		91	68 - 130
4-Chloroaniline	100	57.86		ug/L		58	21 - 130
2-Chloronaphthalene	100	78.32		ug/L		78	44 - 130
4-Chlorophenyl phenyl ether	100	85.98		ug/L		86	61 - 130
Chrysene	100	86.94		ug/L		87	70 - 130
Dibenz(a,h)anthracene	100	94.63		ug/L		95	70 - 130
Dibenzofuran	100	84.37		ug/L		84	54 - 130
1,2-Dichlorobenzene	100	58.25		ug/L		58	28 - 130
1,3-Dichlorobenzene	100	53.36		ug/L		53	25 - 130
1,4-Dichlorobenzene	100	54.48		ug/L		54	26 - 130
3,3'-Dichlorobenzidine	140	114.5		ug/L		82	63 - 130
Diethyl phthalate	100	89.76		ug/L		90	70 - 130
Dimethyl phthalate	100	87.77		ug/L		88	70 - 130
Di-n-butyl phthalate	100	104.0		ug/L		104	70 - 130
Di-n-octyl phthalate	100	88.81		ug/L		89	70 - 130
2,4-Dinitrotoluene	100	92.07		ug/L		92	70 - 130
2,6-Dinitrotoluene	100	88.70		ug/L		89	70 - 130
Fluoranthene	100	88.58		ug/L		89	70 - 130
Fluorene	100	87.96		ug/L		88	69 - 130
Hexachlorobenzene	100	88.20		ug/L		88	67 - 130
Hexachlorobutadiene	100	54.84		ug/L		55	29 - 130
Hexachlorocyclopentadiene	100	59.61		ug/L		60	10 - 130
Hexachloroethane	100	52.43		ug/L		52	20 - 130

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

Lab Sample ID: LCS 560-88261/2-A
Matrix: Water
Analysis Batch: 88259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88261

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Indeno[1,2,3-cd]pyrene	100	93.42		ug/L		93	70 - 130
Isophorone	100	91.99		ug/L		92	44 - 130
2-Methylnaphthalene	100	74.26		ug/L		74	44 - 130
2-Nitroaniline	100	99.23		ug/L		99	58 - 130
3-Nitroaniline	100	88.02		ug/L		88	70 - 130
4-Nitroaniline	100	92.04		ug/L		92	70 - 130
Naphthalene	100	70.78		ug/L		71	40 - 130
Nitrobenzene	100	89.74		ug/L		90	44 - 130
N-Nitrosodi-n-propylamine	100	97.36		ug/L		97	36 - 130
N-Nitrosodiphenylamine	100	91.55		ug/L		92	70 - 130
Phenanthrene	100	92.07		ug/L		92	70 - 130
Pyrene	100	92.76		ug/L		93	70 - 130
1,2,4-Trichlorobenzene	100	60.74		ug/L		61	35 - 130
4-Chloro-3-methylphenol	100	87.40		ug/L		87	55 - 130
2-Chlorophenol	100	82.24		ug/L		82	38 - 130
2,4-Dichlorophenol	100	83.27		ug/L		83	40 - 130
2,4-Dimethylphenol	100	85.84		ug/L		86	41 - 135
2,4-Dinitrophenol	100	85.13		ug/L		85	38 - 132
4,6-Dinitro-2-methylphenol	100	91.82		ug/L		92	67 - 130
2-Methylphenol	100	88.21		ug/L		88	34 - 130
3 & 4 Methylphenol	200	175.8		ug/L		88	29 - 130
2-Nitrophenol	100	86.60		ug/L		87	42 - 130
4-Nitrophenol	100	88.15		ug/L		88	38 - 132
Pentachlorophenol	100	97.05		ug/L		97	57 - 130
Phenol	100	82.94		ug/L		83	24 - 130
2,4,6-Trichlorophenol	100	85.54		ug/L		86	50 - 130
2,4,5-Trichlorophenol	100	84.41		ug/L		84	59 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*91*		*27 - 130*
2-Fluorobiphenyl	*72*		*23 - 130*
Terphenyl-d14	*68*		*10 - 141*
Phenol-d5	*84*		*10 - 130*
2-Fluorophenol	*77*		*10 - 130*
2,4,6-Tribromophenol	*103*		*18 - 130*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 560-88466/1-A
Matrix: Water
Analysis Batch: 88525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00240		0.0600	0.00240	ug/L		05/29/13 14:25	05/30/13 17:17	1
4,4'-DDE	<0.00280		0.0600	0.00280	ug/L		05/29/13 14:25	05/30/13 17:17	1
4,4'-DDT	<0.00810		0.0600	0.00810	ug/L		05/29/13 14:25	05/30/13 17:17	1
Aldrin	<0.00150		0.0600	0.00150	ug/L		05/29/13 14:25	05/30/13 17:17	1
alpha-BHC	<0.00520		0.0600	0.00520	ug/L		05/29/13 14:25	05/30/13 17:17	1

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

Lab Sample ID: MB 560-88466/1-A
Matrix: Water
Analysis Batch: 88525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlordane	<0.00630		0.0600	0.00630	ug/L		05/29/13 14:25	05/30/13 17:17	1
beta-BHC	<0.00300		0.0600	0.00300	ug/L		05/29/13 14:25	05/30/13 17:17	1
Chlordane (technical)	<0.150		0.600	0.150	ug/L		05/29/13 14:25	05/30/13 17:17	1
delta-BHC	<0.00220		0.0600	0.00220	ug/L		05/29/13 14:25	05/30/13 17:17	1
Dieldrin	<0.0130		0.0600	0.0130	ug/L		05/29/13 14:25	05/30/13 17:17	1
Endosulfan I	<0.00390		0.0600	0.00390	ug/L		05/29/13 14:25	05/30/13 17:17	1
Endosulfan II	<0.00860		0.0600	0.00860	ug/L		05/29/13 14:25	05/30/13 17:17	1
Endosulfan sulfate	<0.00880		0.0600	0.00880	ug/L		05/29/13 14:25	05/30/13 17:17	1
Endrin	<0.00770		0.0600	0.00770	ug/L		05/29/13 14:25	05/30/13 17:17	1
Endrin aldehyde	<0.00300		0.0600	0.00300	ug/L		05/29/13 14:25	05/30/13 17:17	1
Endrin ketone	<0.00820		0.0600	0.00820	ug/L		05/29/13 14:25	05/30/13 17:17	1
gamma-BHC (Lindane)	<0.00450		0.0600	0.00450	ug/L		05/29/13 14:25	05/30/13 17:17	1
gamma-Chlordane	<0.00670		0.0600	0.00670	ug/L		05/29/13 14:25	05/30/13 17:17	1
Heptachlor	<0.00650		0.0600	0.00650	ug/L		05/29/13 14:25	05/30/13 17:17	1
Heptachlor epoxide	<0.00520		0.0600	0.00520	ug/L		05/29/13 14:25	05/30/13 17:17	1
Methoxychlor	<0.0100		0.0600	0.0100	ug/L		05/29/13 14:25	05/30/13 17:17	1
Toxaphene	<0.680		6.00	0.680	ug/L		05/29/13 14:25	05/30/13 17:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*10 - 152*	*05/29/13 14:25*	*05/30/13 17:17*	*1*
Tetrachloro-m-xylene	*78*		*57 - 127*	*05/29/13 14:25*	*05/30/13 17:17*	*1*

Lab Sample ID: LCS 560-88466/2-A
Matrix: Water
Analysis Batch: 88525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.571	0.3785		ug/L		66	45 - 140
4,4'-DDE	0.571	0.3970		ug/L		69	48 - 137
4,4'-DDT	0.571	0.4163		ug/L		73	45 - 140
Aldrin	0.571	0.4047		ug/L		71	40 - 120
alpha-BHC	0.571	0.4121		ug/L		72	60 - 130
alpha-Chlordane	0.571	0.3899		ug/L		68	65 - 125
beta-BHC	0.571	0.4191		ug/L		73	65 - 125
delta-BHC	0.571	0.3687		ug/L		65	45 - 135
Dieldrin	0.571	0.3872		ug/L		68	60 - 130
Endosulfan I	0.571	0.3912		ug/L		68	50 - 120
Endosulfan II	0.571	0.4008		ug/L		70	30 - 130
Endosulfan sulfate	0.571	0.3389		ug/L		59	55 - 135
Endrin	0.571	0.3909		ug/L		68	55 - 135
Endrin aldehyde	0.571	0.3871		ug/L		68	55 - 135
Endrin ketone	0.571	0.3265		ug/L		57	50 - 130
gamma-BHC (Lindane)	0.571	0.3947		ug/L		69	46 - 136
gamma-Chlordane	0.571	0.3847		ug/L		67	60 - 125
Heptachlor	0.571	0.4063		ug/L		71	51 - 130
Heptachlor epoxide	0.571	0.3717		ug/L		65	60 - 130
Methoxychlor	0.571	0.4428		ug/L		78	55 - 150

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

Lab Sample ID: LCS 560-88466/2-A
Matrix: Water
Analysis Batch: 88525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88466

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	82		10 - 152
Tetrachloro-m-xylene	79		57 - 127

Lab Sample ID: LCS 560-88466/3-A
Matrix: Water
Analysis Batch: 88525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88466

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlordane (technical)			5.71	4.618		ug/L		81	50 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	78		10 - 152
Tetrachloro-m-xylene	81		57 - 127

Lab Sample ID: LCS 560-88466/4-A
Matrix: Water
Analysis Batch: 88525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88466

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Toxaphene			5.71	4.463	J	ug/L		78	50 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	75		10 - 152
Tetrachloro-m-xylene	78		57 - 127

Lab Sample ID: 560-40082-1 MS
Matrix: Water
Analysis Batch: 88525

Client Sample ID: HSM 110
Prep Type: Total/NA
Prep Batch: 88466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
4,4'-DDD	<0.00227		0.551	0.3739		ug/L		68	45 - 140		
4,4'-DDE	<0.00265		0.551	0.3859		ug/L		70	48 - 137		
4,4'-DDT	<0.00767		0.551	0.4191		ug/L		76	45 - 140		
Aldrin	<0.00142		0.551	0.3982		ug/L		72	40 - 120		
alpha-BHC	<0.00492		0.551	0.4086		ug/L		74	60 - 130		
alpha-Chlordane	<0.00597		0.551	0.3862		ug/L		70	65 - 125		
beta-BHC	<0.00284		0.551	0.4158		ug/L		76	65 - 125		
delta-BHC	<0.00208		0.551	0.3647		ug/L		66	45 - 135		
Dieldrin	<0.0123		0.551	0.3853		ug/L		70	60 - 130		
Endosulfan I	<0.00369		0.551	0.3864		ug/L		70	50 - 120		
Endosulfan II	<0.00814		0.551	0.3988		ug/L		72	30 - 130		
Endosulfan sulfate	<0.00833		0.551	0.3295		ug/L		60	55 - 135		
Endrin	<0.00729		0.551	0.3901		ug/L		71	55 - 135		
Endrin aldehyde	<0.00284		0.551	0.3796		ug/L		69	55 - 135		
Endrin ketone	<0.00777		0.551	0.2862		ug/L		52	50 - 130		
gamma-BHC (Lindane)	<0.00426		0.551	0.3914		ug/L		71	46 - 136		
gamma-Chlordane	<0.00634		0.551	0.3846		ug/L		70	60 - 125		

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

Lab Sample ID: 560-40082-1 MS — **Client Sample ID: HSM 110**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88525 — **Prep Batch: 88466**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Heptachlor	<0.00616		0.551	0.4052		ug/L		74	51 - 130
Heptachlor epoxide	<0.00492		0.551	0.3650		ug/L		66	60 - 130
Methoxychlor	<0.00947		0.551	0.4672		ug/L		85	55 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*77*		*10 - 152*
Tetrachloro-m-xylene	*82*		*57 - 127*

Lab Sample ID: 560-40082-1 MSD — **Client Sample ID: HSM 110**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88525 — **Prep Batch: 88466**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	<0.00227		0.544	0.4111		ug/L		76	45 - 140	NC	30
4,4'-DDE	<0.00265		0.544	0.4341		ug/L		80	48 - 137	NC	30
4,4'-DDT	<0.00767		0.544	0.4738		ug/L		87	45 - 140	NC	30
Aldrin	<0.00142		0.544	0.4483		ug/L		82	40 - 120	NC	30
alpha-BHC	<0.00492		0.544	0.4609		ug/L		85	60 - 130	NC	30
alpha-Chlordane	<0.00597		0.544	0.4315		ug/L		79	65 - 125	NC	30
beta-BHC	<0.00284		0.544	0.4702		ug/L		86	65 - 125	NC	30
delta-BHC	<0.00208		0.544	0.4092		ug/L		75	45 - 135	NC	30
Dieldrin	<0.0123		0.544	0.4293		ug/L		79	60 - 130	NC	30
Endosulfan I	<0.00369		0.544	0.4320		ug/L		79	50 - 120	NC	30
Endosulfan II	<0.00814		0.544	0.4442		ug/L		82	30 - 130	NC	30
Endosulfan sulfate	<0.00833		0.544	0.3614		ug/L		66	55 - 135	NC	30
Endrin	<0.00729		0.544	0.4347		ug/L		80	55 - 135	NC	30
Endrin aldehyde	<0.00284		0.544	0.4247		ug/L		78	55 - 135	NC	30
Endrin ketone	<0.00777		0.544	0.2985		ug/L		55	50 - 130	NC	30
gamma-BHC (Lindane)	<0.00426		0.544	0.4445		ug/L		82	46 - 136	NC	30
gamma-Chlordane	<0.00634		0.544	0.4321		ug/L		79	60 - 125	NC	30
Heptachlor	<0.00616		0.544	0.4555		ug/L		84	51 - 130	NC	30
Heptachlor epoxide	<0.00492		0.544	0.4027		ug/L		74	60 - 130	NC	30
Methoxychlor	<0.00947		0.544	0.5282		ug/L		97	55 - 150	NC	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*10 - 152*
Tetrachloro-m-xylene	*92*		*57 - 127*

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

Lab Sample ID: MB 560-88467/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88623 — **Prep Batch: 88467**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1
Aroclor 1221	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1

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

Lab Sample ID: MB 560-88467/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88623 — **Prep Batch: 88467**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	<0.440		0.799	0.440	ug/L		05/29/13 14:27	06/03/13 11:49	1
Aroclor 1242	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1
Aroclor 1248	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1
Aroclor 1254	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1
Aroclor 1260	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1
Aroclor 1262	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1
Aroclor 1268	<0.110		0.599	0.110	ug/L		05/29/13 14:27	06/03/13 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*25 - 140*	*05/29/13 14:27*	*06/03/13 11:49*	*1*
DCB Decachlorobiphenyl	*54*		*42 - 133*	*05/29/13 14:27*	*06/03/13 11:49*	*1*

Lab Sample ID: LCS 560-88467/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88623 — **Prep Batch: 88467**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			11.4	11.01		ug/L		96	50 - 135		
Aroclor 1260			11.4	10.31		ug/L		90	50 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*70*		*25 - 140*
DCB Decachlorobiphenyl	*53*		*42 - 133*

Lab Sample ID: 560-40082-2 MS — **Client Sample ID: HSM 120**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88623 — **Prep Batch: 88467**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016	<0.106		10.8	10.88		ug/L		100	50 - 135		
Aroclor 1260	<0.106		10.8	9.765		ug/L		90	50 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*74*		*25 - 140*
DCB Decachlorobiphenyl	*54*		*42 - 133*

Lab Sample ID: 560-40082-2 MSD — **Client Sample ID: HSM 120**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88623 — **Prep Batch: 88467**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	<0.106		10.8	11.90		ug/L		110	50 - 135	9	30
Aroclor 1260	<0.106		10.8	10.41		ug/L		96	50 - 135	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*25 - 140*
DCB Decachlorobiphenyl	*55*		*42 - 133*

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 640-101965/1-A
Matrix: Water
Analysis Batch: 102074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		05/23/13 17:00	05/29/13 17:51	1
Bolstar	<0.0950		1.00	0.0950	ug/L		05/23/13 17:00	05/29/13 17:51	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		05/23/13 17:00	05/29/13 17:51	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		05/23/13 17:00	05/29/13 17:51	1
Demeton-O	<0.110		2.50	0.110	ug/L		05/23/13 17:00	05/29/13 17:51	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		05/23/13 17:00	05/29/13 17:51	1
Diazinon	<0.110		1.00	0.110	ug/L		05/23/13 17:00	05/29/13 17:51	1
Dichlorvos	<0.260		2.00	0.260	ug/L		05/23/13 17:00	05/29/13 17:51	1
Dimethoate	<0.320		2.00	0.320	ug/L		05/23/13 17:00	05/29/13 17:51	1
Disulfoton	<0.120		2.00	0.120	ug/L		05/23/13 17:00	05/29/13 17:51	1
EPN	<0.0710		1.00	0.0710	ug/L		05/23/13 17:00	05/29/13 17:51	1
Famphur	<0.110		2.00	0.110	ug/L		05/23/13 17:00	05/29/13 17:51	1
Fensulfothion	<0.170		5.00	0.170	ug/L		05/23/13 17:00	05/29/13 17:51	1
Fenthion	<0.110		1.00	0.110	ug/L		05/23/13 17:00	05/29/13 17:51	1
Malathion	<0.0920		1.00	0.0920	ug/L		05/23/13 17:00	05/29/13 17:51	1
Merphos	<0.130		1.00	0.130	ug/L		05/23/13 17:00	05/29/13 17:51	1
Methyl parathion	<0.120		0.500	0.120	ug/L		05/23/13 17:00	05/29/13 17:51	1
Mevinphos	<0.150		2.00	0.150	ug/L		05/23/13 17:00	05/29/13 17:51	1
Ethoprop	<0.410		0.500	0.410	ug/L		05/23/13 17:00	05/29/13 17:51	1
Monochrotophos	<2.60		10.0	2.60	ug/L		05/23/13 17:00	05/29/13 17:51	1
Naled	<0.360		5.00	0.360	ug/L		05/23/13 17:00	05/29/13 17:51	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		05/23/13 17:00	05/29/13 17:51	1
Phorate	<0.160		1.00	0.160	ug/L		05/23/13 17:00	05/29/13 17:51	1
Ronnel	<0.130		1.00	0.130	ug/L		05/23/13 17:00	05/29/13 17:51	1
Stirophos	<0.0840		1.00	0.0840	ug/L		05/23/13 17:00	05/29/13 17:51	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		05/23/13 17:00	05/29/13 17:51	1
Thionazin	<0.0610		1.00	0.0610	ug/L		05/23/13 17:00	05/29/13 17:51	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		05/23/13 17:00	05/29/13 17:51	1
Trichloronate	<0.110		1.00	0.110	ug/L		05/23/13 17:00	05/29/13 17:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*99*		*37 - 139*	*05/23/13 17:00*	*05/29/13 17:51*	*1*

Lab Sample ID: LCS 640-101965/2-A
Matrix: Water
Analysis Batch: 102074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Azinphos-methyl	2.50	2.467		ug/L		99	50 - 130
Bolstar	2.50	2.287		ug/L		91	50 - 130
Chlorpyrifos	2.50	2.423		ug/L		97	50 - 130
Coumaphos	2.50	2.581		ug/L		103	50 - 130
Diazinon	2.50	2.698		ug/L		108	42 - 132
Dichlorvos	2.50	2.414		ug/L		97	50 - 130
EPN	2.50	3.030		ug/L		121	50 - 130
Famphur	2.50	2.549		ug/L		102	50 - 130
Fensulfothion	2.50	2.151	J	ug/L		86	50 - 130
Fenthion	2.50	2.524		ug/L		101	50 - 130

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

Lab Sample ID: LCS 640-101965/2-A
Matrix: Water
Analysis Batch: 102074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Malathion	2.50	2.706		ug/L		108	50 - 130
Methyl parathion	2.50	2.739		ug/L		110	43 - 140
Mevinphos	2.50	2.423		ug/L		97	50 - 130
Ethoprop	2.50	2.792		ug/L		112	50 - 130
Monochrotophos	10.0	3.187	J	ug/L		32	10 - 100
Naled	10.0	9.490		ug/L		95	50 - 130
Ethyl Parathion	2.50	2.581		ug/L		103	49 - 134
Phorate	2.50	2.314		ug/L		93	50 - 130
Ronnel	2.50	2.554		ug/L		102	38 - 124
Tokuthion	2.50	2.649		ug/L		106	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*118*		*37 - 139*

Lab Sample ID: LCSD 640-101965/3-A
Matrix: Water
Analysis Batch: 102074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 101965

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	2.50	2.540		ug/L		102	50 - 130	3	30
Bolstar	2.50	2.220		ug/L		89	50 - 130	3	30
Chlorpyrifos	2.50	2.276		ug/L		91	50 - 130	6	30
Coumaphos	2.50	2.870		ug/L		115	50 - 130	11	30
Diazinon	2.50	2.611		ug/L		104	42 - 132	3	30
Dichlorvos	2.50	2.228		ug/L		89	50 - 130	8	30
EPN	2.50	2.933		ug/L		117	50 - 130	3	30
Famphur	2.50	2.501		ug/L		100	50 - 130	2	30
Fensulfothion	2.50	2.062	J	ug/L		82	50 - 130	4	30
Fenthion	2.50	2.373		ug/L		95	50 - 130	6	30
Malathion	2.50	2.559		ug/L		102	50 - 130	6	30
Methyl parathion	2.50	2.497		ug/L		100	43 - 140	9	30
Mevinphos	2.50	2.361		ug/L		94	50 - 130	3	30
Ethoprop	2.50	2.669		ug/L		107	50 - 130	4	30
Monochrotophos	10.0	3.439	J	ug/L		34	10 - 100	8	30
Naled	10.0	9.419		ug/L		94	50 - 130	1	30
Ethyl Parathion	2.50	2.416		ug/L		97	49 - 134	7	30
Phorate	2.50	2.145		ug/L		86	50 - 130	8	30
Ronnel	2.50	2.368		ug/L		95	38 - 124	8	30
Tokuthion	2.50	2.449		ug/L		98	50 - 130	8	30

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

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-278099/20-A
Matrix: Water
Analysis Batch: 278725

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0620		0.500	0.0620	ug/L		05/28/13 08:26	05/29/13 19:53	1
2,4-D	<0.0370		0.500	0.0370	ug/L		05/28/13 08:26	05/29/13 19:53	1
2,4-DB	<0.150		0.500	0.150	ug/L		05/28/13 08:26	05/29/13 19:53	1
Dalapon	<0.100		10.0	0.100	ug/L		05/28/13 08:26	05/29/13 19:53	1
Dicamba	<0.0850		0.500	0.0850	ug/L		05/28/13 08:26	05/29/13 19:53	1
Dichlorprop	<0.150		0.500	0.150	ug/L		05/28/13 08:26	05/29/13 19:53	1
Dinoseb	<0.160		6.00	0.160	ug/L		05/28/13 08:26	05/29/13 19:53	1
MCPA	<17.0		120	17.0	ug/L		05/28/13 08:26	05/29/13 19:53	1
Pentachlorophenol	<0.0370		0.250	0.0370	ug/L		05/28/13 08:26	05/29/13 19:53	1
Silvex (2,4,5-TP)	<0.0620		0.500	0.0620	ug/L		05/28/13 08:26	05/29/13 19:53	1
Mecoprop	<19.0		120	19.0	ug/L		05/28/13 08:26	05/29/13 19:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*87*		*52 - 151*	*05/28/13 08:26*	*05/29/13 19:53*	*1*

Lab Sample ID: LCS 680-278099/21-A
Matrix: Water
Analysis Batch: 278725

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278099

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,5-T			2.00	1.546		ug/L		77	59 - 130		
2,4-D			2.00	1.685		ug/L		84	63 - 130		
2,4-DB			2.00	1.451	p	ug/L		73	34 - 157		
Dalapon			10.0	5.922	J	ug/L		59	24 - 130		
Dicamba			2.00	1.574		ug/L		79	66 - 130		
Dichlorprop			2.00	1.546		ug/L		77	65 - 152		
Dinoseb			2.00	0.7955	J	ug/L		40	10 - 130		
MCPA			200	158.7		ug/L		79	40 - 130		
Pentachlorophenol			1.34	1.050		ug/L		78	70 - 130		
Silvex (2,4,5-TP)			2.00	1.623		ug/L		81	64 - 130		
Mecoprop			200	174.7		ug/L		87	53 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*98*		*52 - 151*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-88280/1-A
Matrix: Water
Analysis Batch: 88388

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	<70.7		500	70.7	ug/L		05/23/13 08:30	05/24/13 14:55	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 560-88280/2-A
Matrix: Water
Analysis Batch: 88388

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silicon	10000	9179		ug/L		92	80 - 120

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 560-88387/1-A
Matrix: Water
Analysis Batch: 88558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	506.1		500	198	ug/L		05/28/13 09:00	05/30/13 22:08	1
Silver	<0.941		5.00	0.941	ug/L		05/28/13 09:00	05/30/13 22:08	1
Arsenic	1.354	J	5.00	1.09	ug/L		05/28/13 09:00	05/30/13 22:08	1
Potassium	<407		1000	407	ug/L		05/28/13 09:00	05/30/13 22:08	1
Barium	1.197	J	5.00	0.810	ug/L		05/28/13 09:00	05/30/13 22:08	1
Magnesium	<113		500	113	ug/L		05/28/13 09:00	05/30/13 22:08	1
Beryllium	<1.24		4.00	1.24	ug/L		05/28/13 09:00	05/30/13 22:08	1
Cadmium	<0.854		2.00	0.854	ug/L		05/28/13 09:00	05/30/13 22:08	1
Strontium	1.957	J	5.00	0.768	ug/L		05/28/13 09:00	05/30/13 22:08	1
Chromium	<1.40		5.00	1.40	ug/L		05/28/13 09:00	05/30/13 22:08	1
Copper	4.833	J	10.0	2.00	ug/L		05/28/13 09:00	05/30/13 22:08	1
Manganese	<11.6		50.0	11.6	ug/L		05/28/13 09:00	05/30/13 22:08	1
Nickel	3.330	J	5.00	2.17	ug/L		05/28/13 09:00	05/30/13 22:08	1
Lead	<0.733		5.00	0.733	ug/L		05/28/13 09:00	05/30/13 22:08	1
Selenium	2.723	J	5.00	1.08	ug/L		05/28/13 09:00	05/30/13 22:08	1
Thallium	<0.693		2.00	0.693	ug/L		05/28/13 09:00	05/30/13 22:08	1
Zinc	10.51	J	25.0	3.55	ug/L		05/28/13 09:00	05/30/13 22:08	1
Antimony	7.007		5.00	1.61	ug/L		05/28/13 09:00	05/30/13 22:08	1
Aluminum	122.3		50.0	22.5	ug/L		05/28/13 09:00	05/30/13 22:08	1
Iron	<101		250	101	ug/L		05/28/13 09:00	05/30/13 22:08	1

Lab Sample ID: MB 560-88387/1-A
Matrix: Water
Analysis Batch: 88599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 88387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<1.09		5.00	1.09	ug/L		05/28/13 09:00	05/31/13 21:54	1
Magnesium	<113		500	113	ug/L		05/28/13 09:00	05/31/13 21:54	1
Sodium	<727		1000	727	ug/L		05/28/13 09:00	05/31/13 21:54	1
Selenium	<1.08		5.00	1.08	ug/L		05/28/13 09:00	05/31/13 21:54	1
Zinc	<3.55		25.0	3.55	ug/L		05/28/13 09:00	05/31/13 21:54	1
Aluminum	<22.5		50.0	22.5	ug/L		05/28/13 09:00	05/31/13 21:54	1

Lab Sample ID: LCS 560-88387/2-A
Matrix: Water
Analysis Batch: 88558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 88387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	50000	50850		ug/L		102	80 - 120

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

Lab Sample ID: LCS 560-88387/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88558 — **Prep Batch: 88387**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	500	490.0		ug/L		98	80 - 120
Arsenic	500	505.4		ug/L		101	80 - 120
Potassium	50000	49800		ug/L		100	80 - 120
Barium	500	487.1		ug/L		97	80 - 120
Magnesium	50000	47850		ug/L		96	80 - 120
Beryllium	700	653.8		ug/L		93	80 - 120
Sodium	50000	48410		ug/L		97	80 - 120
Cadmium	500	482.4		ug/L		96	80 - 120
Strontium	500	531.1		ug/L		106	80 - 120
Chromium	500	477.9		ug/L		96	80 - 120
Copper	500	470.7		ug/L		94	80 - 120
Manganese	5000	4830		ug/L		97	80 - 120
Nickel	500	456.2		ug/L		91	80 - 120
Lead	500	511.1		ug/L		102	80 - 120
Selenium	500	531.0		ug/L		106	80 - 120
Thallium	200	184.3		ug/L		92	80 - 120
Zinc	500	489.0		ug/L		98	80 - 120
Antimony	500	405.7		ug/L		81	80 - 120
Aluminum	50000	48460		ug/L		97	80 - 120
Iron	50000	47130		ug/L		94	80 - 120

Lab Sample ID: LCS 560-88387/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88599 — **Prep Batch: 88387**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	500	490.5		ug/L		98	80 - 120
Magnesium	50000	39720		ug/L		79	80 - 120
Sodium	50000	43790		ug/L		88	80 - 120
Selenium	500	507.4		ug/L		101	80 - 120
Zinc	500	493.2		ug/L		99	80 - 120
Aluminum	50000	48050		ug/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 560-88293/4-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88303 — **Prep Batch: 88293**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000130		0.00200	0.000130	mg/L		05/23/13 08:15	05/23/13 13:54	1

Lab Sample ID: LCS 560-88293/5-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88303 — **Prep Batch: 88293**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.005390		mg/L		108	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 560-88260/4
Matrix: Water
Analysis Batch: 88260

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			05/22/13 13:51	1
Chloride	<0.192		1.00	0.192	mg/L			05/22/13 13:51	1
Nitrate as N	<0.103		0.500	0.103	mg/L			05/22/13 13:51	1
Sulfate	<0.377		1.00	0.377	mg/L			05/22/13 13:51	1

Lab Sample ID: LCS 560-88260/5
Matrix: Water
Analysis Batch: 88260

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	5.197		mg/L		104	90 - 110
Chloride	10.0	9.936		mg/L		99	90 - 110
Nitrate as N	5.00	5.248		mg/L		105	90 - 110
Sulfate	20.0	20.16		mg/L		101	90 - 110

Method: 340.2 - Fluoride

Lab Sample ID: MB 560-88578/3
Matrix: Water
Analysis Batch: 88578

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			05/31/13 07:30	1

Lab Sample ID: LCS 560-88578/4
Matrix: Water
Analysis Batch: 88578

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	0.8060		mg/L		101	85 - 115

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 600-107152/10
Matrix: Water
Analysis Batch: 107152

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	<0.432		1.00	0.432	mg/L			05/29/13 14:26	1

Lab Sample ID: LCS 600-107152/11
Matrix: Water
Analysis Batch: 107152

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Kjeldahl	10.0	10.38		mg/L		104	90 - 110

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-278091/2-A
Matrix: Water
Analysis Batch: 278225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278091

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	<0.0410		0.100	0.0410	mg/L		05/24/13 15:00	05/28/13 14:04	1

Lab Sample ID: LCS 680-278091/1-A
Matrix: Water
Analysis Batch: 278225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	2.00	2.193		mg/L		110	60 - 140

Method: 9040C - pH

Lab Sample ID: LCS 560-88328/2
Matrix: Water
Analysis Batch: 88328

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

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

Lab Sample ID: 560-40082-2 DU
Matrix: Water
Analysis Batch: 88328

Client Sample ID: HSM 120
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.00	HF	7.000		SU		0	20

Method: 9060 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 560-88490/3
Matrix: Water
Analysis Batch: 88490

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	0.3400	J	1.00	0.285	mg/L			05/29/13 14:26	1

Lab Sample ID: LCS 560-88490/4
Matrix: Water
Analysis Batch: 88490

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	23.44		mg/L		94	80 - 120

Lab Sample ID: 560-40082-1 MS
Matrix: Water
Analysis Batch: 88490

Client Sample ID: HSM 110
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.46	B	10.0	11.18		mg/L		97	75 - 125

Method: 9060 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 560-40082-1 MSD — **Client Sample ID: HSM 110**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	1.46	B	10.0	10.74		mg/L		93	75 - 125	4	20

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 560-88367/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88367

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	93.60		mg/L		94	85 - 115

Lab Sample ID: LCS 560-88367/14 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88367

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	92.80		mg/L		93	85 - 115

Lab Sample ID: LCS 560-88367/25 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88367

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	92.00		mg/L		92	85 - 115

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 560-88340/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88340

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10.0		10.0	10.0	mg/L			05/24/13 11:00	1

Lab Sample ID: LCS 560-88340/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 88340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	2250	2240		mg/L		100	80 - 120

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

Lab Sample ID: MB 560-88322/25
Matrix: Water
Analysis Batch: 88322

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			05/22/13 15:10	1

Lab Sample ID: LCS 560-88322/26
Matrix: Water
Analysis Batch: 88322

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	202.0		mg/L		101	80 - 120		

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

Lab Sample ID: MB 560-88528/1-A
Matrix: Water
Analysis Batch: 88531

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	0.3230	J	1.00	0.285	mg/L			05/29/13 14:26	1

Lab Sample ID: LCS 560-88528/2-A
Matrix: Water
Analysis Batch: 88531

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Dissolved Organic Carbon			25.0	23.92		mg/L		96	80 - 120		

Lab Sample ID: 560-40082-2 MS
Matrix: Water
Analysis Batch: 88531

Client Sample ID: HSM 120
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Dissolved Organic Carbon	1.50	B	10.0	10.78		mg/L		93	75 - 125		

Lab Sample ID: 560-40082-2 MSD
Matrix: Water
Analysis Batch: 88531

Client Sample ID: HSM 120
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dissolved Organic Carbon	1.50	B	10.0	10.42		mg/L		89	75 - 125	3	20

Certification Summary

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

TestAmerica Job ID: 560-40082-1

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 Houston

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0759	08-04-12 *
Louisiana	NELAP	6	01967	06-30-13
Oklahoma	State Program	6	9503	08-31-13
Texas	NELAP	6	T104704223-10-6-TX	10-31-13
USDA	Federal		P330-08-00217	04-01-14
Utah	NELAP	8	GULF	10-31-13

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	DoD ELAP		399.01	07-31-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13 *
California	NELAP	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-13
Florida	NELAP	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-13
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAP	5	200022	11-30-13
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13 *
Kentucky	State Program	4	90084	12-31-12 *
Kentucky (UST)	State Program	4	18	03-31-13 *
Louisiana	NELAP	6	30690	06-30-13
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	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	01-01-14
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13 *
New Jersey	NELAP	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
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	07-31-13
Oklahoma	State Program	6	9984	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: 560-40082-1

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
Pennsylvania	NELAP	3	68-00474	06-30-13 *
Puerto Rico	State Program	2	GA00006	01-01-14
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAP	6	T104704185-08-TX	11-30-13
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-13 *
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-13
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
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	06-30-13
Georgia	State Program	4		06-30-13
Louisiana	NELAP	6	30663	06-30-13
New Jersey	NELAP	2	FL012	06-30-13
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: 560-40082-1

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 CC
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CC
8141A	Organophosphorous Pesticides (GC)	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
300.0	Anions, Ion Chromatography	MCAWW	TAL CC
340.2	Fluoride	MCAWW	TAL CC
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL HOU
365.4	Phosphorus, Total	EPA	TAL SAV
9040C	pH	SW846	TAL CC
9060	Organic Carbon, Total (TOC)	SW846	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 5310B	Organic Carbon, Dissolved (DOC)	SM	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.

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 HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

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: 560-40082-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-40082-1	HSM 110	Water	05/21/13 14:25	05/22/13 08:35
560-40082-2	HSM 120	Water	05/21/13 14:55	05/22/13 08:35
560-40082-3	Trip Blank	Water	05/21/13 00:00	05/22/13 08:35

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENV

Loc: 560
40082

Client Information

Client Contact: Gizelle Luevano
Company: Edwards Aquifer Authority
Address: 1615 North St. Mary's Street
City: San Antonio
State, Zip: TX, 78215
Phone:
Email: gluevano@edwardsaquifer.org
Project Name:
Site:

Sampler: KD, GL
Phone: (210)222-2204
Lab PM: Maingot, Lindy
E-Mail: lindy.maingot@testamericainc.com
Carrier Tracking No(s):
COC No: 560-8347-891
Page: Page_ of _
Job #:
Due Date Requested:
TAT Requested (days): 7 day TAT
PO #: Purchase Order not required
WO #:
Project #: 56002565
SSOW#: N/A

Analysis Requested

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:

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	TKN - Houston			Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	D	S	N	N	N	N	N	S	S				
HSM 110	5/21/13	1425	G	Water			X	X	X	X	X	X	X	X	X	X	X			19	
HSM 120	↓	1455	↓	Water			X	X	X	X	X	X	X	X	X	X	X			19	
Trip Blank	↓		↓	Water			X													19	
																				19	
																				19	
																				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:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	5/21/13 1625	EAA	[signature]	5-21-13 1625	
2	[signature]	5-21-13 1625		[signature]	5-22-13 8:35	TACC
3						

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: GLI 30609854744

Cooler Temperature(s) °C and Other Remarks: 1.9/2.1 2.5/2.7 IR Gun
1.9/2.1 2.6/2.8

EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SURFACE WATER

Site Information

Station Name:
Location:HSM120
Owner/Contact: Edwards Aquifer Authority
Address: 900 East Quincy
County: Hays
Point of Collection:
Date: 5 /21 / 2013 Time:
Ambient Temp. 80° F Collector(s): GL, KD
Weather: Mostly cloudy, smokey

Field Readings

Time Sampled: 1455
pH: 7.45
Temperature: 23 22.8°C
Conductivity: 623
Dissolved Oxygen: NA
Turbidity: NA

Equal-Width-Increment Method

Transect Width:
Flow/Apperance:

Instrument Calibration

Conductivity Meter #	
Standard	Meter Reading
500	Rec'd. in cal. Book
1000	Rec'd. in cal. Book
10000	Rec'd. in cal. Book
pH Meter #	
Standard	Meter Reading
Buffer 4.0	Rec'd. in cal. Book
Buffer 7.0	Rec'd. in cal. Book
Buffer 10.0	Rec'd. in cal. Book
pH Meter #	
Standard	Meter Reading
DI water in bottle	Rec'd. in cal. Book

Alkalinity

	mL of Sample	mL of Acid	Total Alk	Ave. Total Alk.
Rep.1				
Rep. 2				
Rep3.				

Type of Analysis: (underline all that apply)

GWQP	Selct. Met.	8081	8082	8141	8151
TOC	T. Phosphorous	TKN	E-Coli MPN	DOC	VOC
TB	SVOCs				

Latitude:	Longitude:

Sampling Conditions

Gage Readings	Time	Level
Before Sampling		
After Sampling		

Hydrologic Event	Hydrologic Condition
Storm	Stable, Low
Drought	Falling
Spill	Stable, High
Regulated Flow	Rising
Routine Sample	Stable, Normal

updated 12/21/12

EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SURFACE WATER

Site Information

Station Name:	
Location:HSM110	
Owner/Contact: Edwards Aquifer Authority	
Address: 900 East Quincy	
County: Hays	
Point of Collection:	
Date: 5 /21 / 2013	Time: 1420
Ambient Temp. 80°F	Collector(s): GL, KD
Weather: Mostly cloudy w/ smoke	

Field Readings

Time Sampled:	1425
pH:	7.84
Temperature:	26.25
Conductivity:	585
Dissolved Oxygen:	NA
Turbidity:	Na

Equal-Width-Increment Method

Transect Width:	100'
Flow/Apperance:	Clear + well mixed

Instrument Calibration

Conductivity Meter #	
Standard	Meter Reading
500	Rec'd. in cal. Book
1000	Rec'd. in cal. Book
10000	Rec'd. in cal. Book
pH Meter #	
Standard	Meter Reading
Buffer 4.0	Rec'd. in cal. Book
Buffer 7.0	Rec'd. in cal. Book
Buffer 10.0	Rec'd. in cal. Book
pH Meter #	
Standard	Meter Reading
DI water in bottle	Rec'd. in cal. Book

Alkalinity

	mL of Sample	mL of Acid	Total Alk	Ave. Total Alk.
Rep.1				
Rep. 2				
Rep3.				

Type of Analysis: (underline all that apply)

GWQP	Selct. Met.	8081	8082	8141	8151
TOC	T. Phosphorous	TKN	E-Coli MPN	DOC	VOC
TB	SVOCs				

Latitude:	Longitude:

Sampling Conditions

Gage Readings	Time	Level
Before Sampling		
After Sampling		

Hydrologic Event	Hydrologic Condition
Storm	Stable, Low
Drought	Falling
Spill	Stable, High
Regulated Flow	Rising
Routine Sample	Stable, Normal

updated 12/21/12

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40082-1

Login Number: 40082

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.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40082-1

Login Number: 40082
List Number: 1
Creator: Capps, Dana

List Source: TestAmerica Houston
List Creation: 05/23/13 10:51 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-40082-1

Login Number: 40082
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah
List Creation: 05/23/13 04:46 PM

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.	False	-2 container T received broken
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: 560-40082-1

Login Number: 40082
List Number: 1
Creator: Delp, Eric

List Source: TestAmerica Tallahassee
List Creation: 05/23/13 11:56 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.	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	