

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Corpus Christi

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Tel: (361)289-2673

TestAmerica Job ID: 560-39287-1

Client Project/Site: Surface HCP

For:

Edwards Aquifer Authority

1615 North St. Mary's Street

San Antonio, Texas 78215

Attn: Steve Johnson



Authorized for release by:

5/8/2013 2:03:58 PM

Lindy Maingot, Project Manager I

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

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

Definitions/Glossary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
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

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

Glossary

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

TestAmerica Corpus Christi

Definitions/Glossary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Glossary (Continued)

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

Case Narrative

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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Laboratory: TestAmerica Corpus Christi

Narrative

Job Narrative 560-39287-1

Comments

No additional comments.

Receipt

The samples were received on 4/16/2013 7:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 10 coolers at receipt time were 0.7° C, 1.2° C, 1.5° C, 2.1° C, 2.3° C, 2.6° C, 3.3° C, 3.4° C, 3.5° C and 3.9° C.

GC/MS VOA

Samples 560-39287-1, 2, 3, 4, 5, 6, 7 and 8 using Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria for this method when a full list spike of >90 analytes is utilized. The LCS had Benzyl Chloride, cis-1, 4-Dichloro-2-butene and trans-1, 4-Dichloro-2-butene outside control limits; therefore, re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Sample 560-39287-1 was analyzed for Semi-volatiles using Method 8270C. Percent recovery results for the MS/MSD pair associated with this sample were outside acceptable limits for 4-Nitroaniline and 3, 3-Dichlorobenzidine. The LCS was within acceptable limits. Therefore, data are reported.

No other analytical or quality issues were noted.

GC Semi VOA

Sample 560-39287-1 was analyzed for PCBs using Method 8082A. 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 had DCD Decachlorobiphenyl outside acceptable limits. These results have been reported and qualified.

Samples 560-39287-1, 2, 3, 4, 5, 7 and 8 were analyzed for Pesticides using Method 8141A: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 640-101150 exceeded control limits for the following analyte: epn. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Samples 560-39287-, 1, 2, 3, 4, 5, 7 and 8 were analyzed for Pesticides using Method 8141A: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 640-101150 exceeded control limits for the following analyte: dichlorvos. Dichlorvos has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Only batch precision exceeded control limits for dichlorvos. These results have been reported and qualified.

Sample 560-39287-1 was analyzed for Herbicides using Method 8151A. Percent recovery results for the MS/MS pair, the MS or the MSD associated with this sample were outside acceptable limits for Pentachlorophenol and Dichlorprop. The LCS was within acceptable limits. Therefore, data are reported.

Samples 560-39287-1, 2, 3, 4, 5, 7 and 8 were analyzed for Herbicides using Method 8151A. The %RPD between the primary and confirmation column exceeded 40% for the surrogate for the following sample(s): (560-39287-1 MS), (560-39287-1 MSD), (LCS 680-273501/10-A), (MB 680-273501/9-A), EB (560-39287-8), HCS 110 (560-39287-1), HCS 120 (560-39287-2), HCS 130 (560-39287-3), HCS 140 (560-39287-4), HCS 140 FD (560-39287-7), HCS 160 (560-39287-5). The lower value has been reported and qualified in accordance with the laboratory's SOP.

No other analytical or quality issues were noted.

Metals

Sample 560-39287-1, 2, 3, 4, 5, 7 and 8 were analyzed for Metals using Method 6020. The serial dilution performed for these samples associated with batch 87186 was outside control limits: (560-39287-1 SD)

Case Narrative

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Job ID: 560-39287-1 (Continued)

Laboratory: TestAmerica Corpus Christi (Continued)

Sample 560-39287-1 was analyzed for Metals using Method 6010. Percent recovery results for the MS/MSD pair associated with this sample were outside acceptable limits for Silicon. The LCS was within acceptable limits. Therefore, data are reported.

No other analytical or quality issues were noted.

General Chemistry

Samples 560-39287-1, 2, 3, 4, 5, 7 and 8 were analyzed for pH using Method 9040. Sample pH is considered a field parameter with a holding time of 15 minutes. These samples were received and analyzed after the method holding time. Data generated after hold time expires should be flagged accordingly and used at the client's discretion.

Samples 560-39287-1, 2, 3, 4, 5, 7 and 8 were analyzed for TOC using Method 9060. The method blank contained TOC above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Samples 560-39287-1, 2, 3, 4, 5, 7 and 8 were analyzed for DOC using Method SM 5310B. DOC is considered a field parameter with a holding time of 15 minutes. These samples were received and analyzed after the method holding time. Data generated after hold time expires should be flagged accordingly and used at the client's discretion.

Samples 560-39287-1, 2, 3, 4, 5, 7 and 8 were analyzed for TKN using Method 351.2. The method blank contained TKN above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Sample 560-39287-1 was analyzed for DOC using Method SM 5310B. Percent recovery results for the MS/MSD pair associated with this sample were outside acceptable limits for DOC. The LCS was within acceptable limits. Therefore, data are reported.

No other analytical or quality issues were noted.

Organic Prep

Samples 560-39287-1, 2, 3, 4, 5, 7 and 8 were prepped/analyzed for Pesticides using Methods 3520C/8141. Due to insufficient sample volume no matrix spike/matrix spike duplicate (MS/MSD) was prepped/analyzed with this Pesticides batch 101150.

No other analytical or quality issues were noted.

Detection Summary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silicon	4390		500	70.7	ug/L	1		6010B	Total/NA
Calcium	74.0		0.500	0.198	mg/L	1		6020	Total/NA
Potassium	1.50		1.00	0.407	mg/L	1		6020	Total/NA
Barium	57.7		5.00	0.810	ug/L	1		6020	Total/NA
Magnesium	16.9		0.500	0.113	mg/L	1		6020	Total/NA
Sodium	11.9		1.00	0.727	mg/L	1		6020	Total/NA
Strontium	724		5.00	0.768	ug/L	1		6020	Total/NA
Lead	1.87	J	5.00	0.733	ug/L	1		6020	Total/NA
Selenium	3.09	J	5.00	1.08	ug/L	1		6020	Total/NA
Chloride	20.5		1.00	0.192	mg/L	1		300.0	Total/NA
Nitrate as N	1.22		0.500	0.103	mg/L	1		300.0	Total/NA
Sulfate	27.0		1.00	0.377	mg/L	1		300.0	Total/NA
Fluoride	0.251		0.100	0.0200	mg/L	1		340.2	Total/NA
Nitrogen, Kjeldahl	1.11	B	1.00	0.432	mg/L	1		351.2	Total/NA
Phosphorus	0.0427	J	0.100	0.0410	mg/L	1		365.4	Total/NA
Total Organic Carbon	1.28	B	1.00	0.285	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	1.58	H	1.00	0.285	mg/L	1		SM 5310B	Dissolved
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.52	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Alkalinity as CaCO3	221		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	221		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	279		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	6.80		3.00	3.00	mg/L	1		SM 2540D	Total/NA

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silicon	5500		500	70.7	ug/L	1		6010B	Total/NA
Calcium	83.5		0.500	0.198	mg/L	1		6020	Total/NA
Arsenic	1.40	J	5.00	1.09	ug/L	1		6020	Total/NA
Potassium	1.36		1.00	0.407	mg/L	1		6020	Total/NA
Barium	51.6		5.00	0.810	ug/L	1		6020	Total/NA
Magnesium	16.8		0.500	0.113	mg/L	1		6020	Total/NA
Sodium	11.6		1.00	0.727	mg/L	1		6020	Total/NA
Strontium	622		5.00	0.768	ug/L	1		6020	Total/NA
Lead	1.92	J	5.00	0.733	ug/L	1		6020	Total/NA
Selenium	4.36	J	5.00	1.08	ug/L	1		6020	Total/NA
Mercury	0.000157	J	0.00200	0.000130	mg/L	1		7470A	Total/NA
Chloride	19.1		1.00	0.192	mg/L	1		300.0	Total/NA
Nitrate as N	1.82		0.500	0.103	mg/L	1		300.0	Total/NA
Sulfate	27.2		1.00	0.377	mg/L	1		300.0	Total/NA
Fluoride	0.234		0.100	0.0200	mg/L	1		340.2	Total/NA
Nitrogen, Kjeldahl	0.965	J B	1.00	0.432	mg/L	1		351.2	Total/NA
Total Organic Carbon	0.389	J B	1.00	0.285	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	1.02	H	1.00	0.285	mg/L	1		SM 5310B	Dissolved
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.37	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Alkalinity as CaCO3	234		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	234		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	309		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Corpus Christi

Detection Summary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-octyl phthalate	1.67	J	9.90	0.495	ug/L	1		8270C	Total/NA
Silicon	5450		500	70.7	ug/L	1		6010B	Total/NA
Calcium	83.8		0.500	0.198	mg/L	1		6020	Total/NA
Potassium	1.35		1.00	0.407	mg/L	1		6020	Total/NA
Barium	55.7		5.00	0.810	ug/L	1		6020	Total/NA
Magnesium	17.4		0.500	0.113	mg/L	1		6020	Total/NA
Sodium	12.8		1.00	0.727	mg/L	1		6020	Total/NA
Strontium	691		5.00	0.768	ug/L	1		6020	Total/NA
Lead	1.36	J	5.00	0.733	ug/L	1		6020	Total/NA
Selenium	3.25	J	5.00	1.08	ug/L	1		6020	Total/NA
Zinc	3.84	J	25.0	3.55	ug/L	1		6020	Total/NA
Chloride	20.3		1.00	0.192	mg/L	1		300.0	Total/NA
Nitrate as N	1.85		0.500	0.103	mg/L	1		300.0	Total/NA
Sulfate	30.8		1.00	0.377	mg/L	1		300.0	Total/NA
Fluoride	0.242		0.100	0.0200	mg/L	1		340.2	Total/NA
Nitrogen, Kjeldahl	1.23	B	1.00	0.432	mg/L	1		351.2	Total/NA
Total Organic Carbon	0.752	J B	1.00	0.285	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	1.10	H	1.00	0.285	mg/L	1		SM 5310B	Dissolved
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.40	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Alkalinity as CaCO3	218		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	218		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	309		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silicon	5590		500	70.7	ug/L	1		6010B	Total/NA
Calcium	77.7		0.500	0.198	mg/L	1		6020	Total/NA
Potassium	1.23		1.00	0.407	mg/L	1		6020	Total/NA
Barium	54.8		5.00	0.810	ug/L	1		6020	Total/NA
Magnesium	16.0		0.500	0.113	mg/L	1		6020	Total/NA
Sodium	11.3		1.00	0.727	mg/L	1		6020	Total/NA
Strontium	688		5.00	0.768	ug/L	1		6020	Total/NA
Lead	1.51	J	5.00	0.733	ug/L	1		6020	Total/NA
Selenium	1.87	J	5.00	1.08	ug/L	1		6020	Total/NA
Chloride	19.9		1.00	0.192	mg/L	1		300.0	Total/NA
Nitrate as N	1.76		0.500	0.103	mg/L	1		300.0	Total/NA
Sulfate	27.6		1.00	0.377	mg/L	1		300.0	Total/NA
Fluoride	0.235		0.100	0.0200	mg/L	1		340.2	Total/NA
Nitrogen, Kjeldahl	1.03	B	1.00	0.432	mg/L	1		351.2	Total/NA
Total Organic Carbon	0.535	J B	1.00	0.285	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	1.21	H	1.00	0.285	mg/L	1		SM 5310B	Dissolved
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.60	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Alkalinity as CaCO3	234		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	234		5.00	5.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	344		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Corpus Christi

Detection Summary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Silicon	5390		500	70.7	ug/L		1		6010B	Total/NA
Calcium	80.4		0.500	0.198	mg/L		1		6020	Total/NA
Potassium	1.28		1.00	0.407	mg/L		1		6020	Total/NA
Barium	53.6		5.00	0.810	ug/L		1		6020	Total/NA
Magnesium	16.5		0.500	0.113	mg/L		1		6020	Total/NA
Sodium	12.1		1.00	0.727	mg/L		1		6020	Total/NA
Strontium	678		5.00	0.768	ug/L		1		6020	Total/NA
Lead	1.46	J	5.00	0.733	ug/L		1		6020	Total/NA
Selenium	1.70	J	5.00	1.08	ug/L		1		6020	Total/NA
Chloride	20.3		1.00	0.192	mg/L		1		300.0	Total/NA
Nitrate as N	1.74		0.500	0.103	mg/L		1		300.0	Total/NA
Sulfate	29.1		1.00	0.377	mg/L		1		300.0	Total/NA
Fluoride	0.237		0.100	0.0200	mg/L		1		340.2	Total/NA
Nitrogen, Kjeldahl	1.50	B	1.00	0.432	mg/L		1		351.2	Total/NA
Phosphorus	0.0731	J	0.100	0.0410	mg/L		1		365.4	Total/NA
Total Organic Carbon	0.333	J B	1.00	0.285	mg/L		1		9060	Total/NA
Dissolved Organic Carbon	1.27	H	1.00	0.285	mg/L		1		SM 5310B	Dissolved
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.66	HF	0.100	0.100	SU		1		9040C	Total/NA
Total Alkalinity as CaCO3	232		5.00	5.00	mg/L		1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	232		5.00	5.00	mg/L		1		SM 2320B	Total/NA
Total Dissolved Solids	332		10.0	10.0	mg/L		1		SM 2540C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 560-39287-6

No Detections.

Client Sample ID: HCS 140 FD

Lab Sample ID: 560-39287-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Silicon	5470		500	70.7	ug/L		1		6010B	Total/NA
Calcium	78.5		0.500	0.198	mg/L		1		6020	Total/NA
Potassium	1.21		1.00	0.407	mg/L		1		6020	Total/NA
Barium	55.1		5.00	0.810	ug/L		1		6020	Total/NA
Magnesium	16.1		0.500	0.113	mg/L		1		6020	Total/NA
Sodium	11.6		1.00	0.727	mg/L		1		6020	Total/NA
Strontium	662		5.00	0.768	ug/L		1		6020	Total/NA
Lead	1.43	J	5.00	0.733	ug/L		1		6020	Total/NA
Selenium	1.31	J	5.00	1.08	ug/L		1		6020	Total/NA
Chloride	19.8		1.00	0.192	mg/L		1		300.0	Total/NA
Nitrate as N	1.78		0.500	0.103	mg/L		1		300.0	Total/NA
Sulfate	27.6		1.00	0.377	mg/L		1		300.0	Total/NA
Fluoride	0.234		0.100	0.0200	mg/L		1		340.2	Total/NA
Nitrogen, Kjeldahl	1.51	B	1.00	0.432	mg/L		1		351.2	Total/NA
Total Organic Carbon	0.328	J B	1.00	0.285	mg/L		1		9060	Total/NA
Dissolved Organic Carbon	1.80	H	1.00	0.285	mg/L		1		SM 5310B	Dissolved
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.59	HF	0.100	0.100	SU		1		9040C	Total/NA
Total Alkalinity as CaCO3	234		5.00	5.00	mg/L		1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	234		5.00	5.00	mg/L		1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Corpus Christi

Detection Summary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140 FD (Continued)

Lab Sample ID: 560-39287-7

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	324		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.911	J	1.00	0.300	ug/L	1		8260B	Total/NA
Lead	1.20	J	5.00	0.733	ug/L	1		6020	Total/NA
Nitrogen, Kjeldahl	0.625	J B	1.00	0.432	mg/L	1		351.2	Total/NA
Dissolved Organic Carbon	0.881	J H	1.00	0.285	mg/L	1		SM 5310B	Dissolved
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	6.87	HF	0.100	0.100	SU	1		9040C	Total/NA
Total Dissolved Solids	18.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Date Collected: 04/15/13 10:00

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 16:34	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 16:34	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 16:34	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 16:34	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 16:34	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 16:34	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 16:34	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 16:34	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 16:34	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 16:34	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 16:34	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 16:34	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 16:34	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 16:34	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 16:34	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 16:34	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 16:34	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 16:34	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 16:34	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 16:34	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 16:34	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 16:34	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 16:34	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 16:34	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 16:34	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 16:34	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 16:34	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 16:34	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 16:34	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 16:34	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 16:34	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 16:34	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 16:34	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 16:34	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 16:34	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 16:34	1
Benzyl chloride	<0.278 *		5.00	0.278	ug/L			04/16/13 16:34	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 16:34	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 16:34	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 16:34	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 16:34	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 16:34	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 16:34	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 16:34	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 16:34	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 16:34	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Date Collected: 04/15/13 10:00

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 16:34	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 16:34	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 16:34	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 16:34	1
cis-1,4-Dichloro-2-butene	<0.500	*	5.00	0.500	ug/L			04/16/13 16:34	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 16:34	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 16:34	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 16:34	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 16:34	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 16:34	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 16:34	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			04/16/13 16:34	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 16:34	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 16:34	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 16:34	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 16:34	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 16:34	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 16:34	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 16:34	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 16:34	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 16:34	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 16:34	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 16:34	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 16:34	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 16:34	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 16:34	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 16:34	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 16:34	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 16:34	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 16:34	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 16:34	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 16:34	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 16:34	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 16:34	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 16:34	1
trans-1,4-Dichloro-2-butene	<0.500	*	5.00	0.500	ug/L			04/16/13 16:34	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 16:34	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 16:34	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 16:34	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 16:34	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 16:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 16:34	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Date Collected: 04/15/13 10:00

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130		04/16/13 16:34	1
4-Bromofluorobenzene (Surr)	92		70 - 130		04/16/13 16:34	1
Dibromofluoromethane (Surr)	104		70 - 130		04/16/13 16:34	1
Toluene-d8 (Surr)	102		70 - 130		04/16/13 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.971		9.71	0.971	ug/L		04/16/13 15:30	04/17/13 15:12	1
Bis(2-chloroethyl)ether	<0.684		9.71	0.684	ug/L		04/16/13 15:30	04/17/13 15:12	1
2-Chlorophenol	<0.350		9.71	0.350	ug/L		04/16/13 15:30	04/17/13 15:12	1
1,3-Dichlorobenzene	<1.94		9.71	1.94	ug/L		04/16/13 15:30	04/17/13 15:12	1
1,4-Dichlorobenzene	<0.718		9.71	0.718	ug/L		04/16/13 15:30	04/17/13 15:12	1
Benzyl alcohol	<1.32		9.71	1.32	ug/L		04/16/13 15:30	04/17/13 15:12	1
1,2-Dichlorobenzene	<0.488		9.71	0.488	ug/L		04/16/13 15:30	04/17/13 15:12	1
2-Methylphenol	<0.472		9.71	0.472	ug/L		04/16/13 15:30	04/17/13 15:12	1
3 & 4 Methylphenol	<0.855		19.4	0.855	ug/L		04/16/13 15:30	04/17/13 15:12	1
N-Nitrosodi-n-propylamine	<0.631		9.71	0.631	ug/L		04/16/13 15:30	04/17/13 15:12	1
Hexachloroethane	<0.971		9.71	0.971	ug/L		04/16/13 15:30	04/17/13 15:12	1
Nitrobenzene	<0.326		9.71	0.326	ug/L		04/16/13 15:30	04/17/13 15:12	1
Isophorone	<0.608		9.71	0.608	ug/L		04/16/13 15:30	04/17/13 15:12	1
2-Nitrophenol	<0.396		9.71	0.396	ug/L		04/16/13 15:30	04/17/13 15:12	1
2,4-Dimethylphenol	<0.544		9.71	0.544	ug/L		04/16/13 15:30	04/17/13 15:12	1
Bis(2-chloroethoxy)methane	<0.576		9.71	0.576	ug/L		04/16/13 15:30	04/17/13 15:12	1
2,4-Dichlorophenol	<0.376		9.71	0.376	ug/L		04/16/13 15:30	04/17/13 15:12	1
1,2,4-Trichlorobenzene	<0.568		9.71	0.568	ug/L		04/16/13 15:30	04/17/13 15:12	1
Naphthalene	<0.463		9.71	0.463	ug/L		04/16/13 15:30	04/17/13 15:12	1
4-Chloroaniline	<0.443		9.71	0.443	ug/L		04/16/13 15:30	04/17/13 15:12	1
Hexachlorobutadiene	<0.971		9.71	0.971	ug/L		04/16/13 15:30	04/17/13 15:12	1
4-Chloro-3-methylphenol	<0.483		9.71	0.483	ug/L		04/16/13 15:30	04/17/13 15:12	1
2-Methylnaphthalene	<0.417		9.71	0.417	ug/L		04/16/13 15:30	04/17/13 15:12	1
Hexachlorocyclopentadiene	<4.85		9.71	4.85	ug/L		04/16/13 15:30	04/17/13 15:12	1
2,4,6-Trichlorophenol	<0.382		9.71	0.382	ug/L		04/16/13 15:30	04/17/13 15:12	1
2,4,5-Trichlorophenol	<0.384		9.71	0.384	ug/L		04/16/13 15:30	04/17/13 15:12	1
2-Chloronaphthalene	<0.483		9.71	0.483	ug/L		04/16/13 15:30	04/17/13 15:12	1
2-Nitroaniline	<0.430		9.71	0.430	ug/L		04/16/13 15:30	04/17/13 15:12	1
Dimethyl phthalate	<0.533		9.71	0.533	ug/L		04/16/13 15:30	04/17/13 15:12	1
Acenaphthylene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
2,6-Dinitrotoluene	<0.507		9.71	0.507	ug/L		04/16/13 15:30	04/17/13 15:12	1
3-Nitroaniline	<1.74		9.71	1.74	ug/L		04/16/13 15:30	04/17/13 15:12	1
Acenaphthene	<0.552		9.71	0.552	ug/L		04/16/13 15:30	04/17/13 15:12	1
2,4-Dinitrophenol	<0.901		9.71	0.901	ug/L		04/16/13 15:30	04/17/13 15:12	1
4-Nitrophenol	<1.72		9.71	1.72	ug/L		04/16/13 15:30	04/17/13 15:12	1
Dibenzofuran	<0.499		9.71	0.499	ug/L		04/16/13 15:30	04/17/13 15:12	1
2,4-Dinitrotoluene	<0.372		9.71	0.372	ug/L		04/16/13 15:30	04/17/13 15:12	1
Diethyl phthalate	<0.509		9.71	0.509	ug/L		04/16/13 15:30	04/17/13 15:12	1
Fluorene	<0.590		9.71	0.590	ug/L		04/16/13 15:30	04/17/13 15:12	1
4-Chlorophenyl phenyl ether	<0.509		9.71	0.509	ug/L		04/16/13 15:30	04/17/13 15:12	1
4-Nitroaniline	<1.42		9.71	1.42	ug/L		04/16/13 15:30	04/17/13 15:12	1
4,6-Dinitro-2-methylphenol	<1.77		9.71	1.77	ug/L		04/16/13 15:30	04/17/13 15:12	1
N-Nitrosodiphenylamine	<0.494		9.71	0.494	ug/L		04/16/13 15:30	04/17/13 15:12	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Date Collected: 04/15/13 10:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.721		9.71	0.721	ug/L		04/16/13 15:30	04/17/13 15:12	1
Hexachlorobenzene	<0.633		9.71	0.633	ug/L		04/16/13 15:30	04/17/13 15:12	1
Phenanthrene	<0.499		9.71	0.499	ug/L		04/16/13 15:30	04/17/13 15:12	1
Anthracene	<0.392		9.71	0.392	ug/L		04/16/13 15:30	04/17/13 15:12	1
Di-n-butyl phthalate	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Fluoranthene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Pyrene	<0.971		9.71	0.971	ug/L		04/16/13 15:30	04/17/13 15:12	1
Butyl benzyl phthalate	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Benzo[a]anthracene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Chrysene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Bis(2-ethylhexyl) phthalate	<1.83		9.71	1.83	ug/L		04/16/13 15:30	04/17/13 15:12	1
Di-n-octyl phthalate	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Benzo[b]fluoranthene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Benzo[k]fluoranthene	<0.353		9.71	0.353	ug/L		04/16/13 15:30	04/17/13 15:12	1
Benzo[a]pyrene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Indeno[1,2,3-cd]pyrene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Dibenz[a,h]anthracene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
Benzo[g,h,i]perylene	<0.485		9.71	0.485	ug/L		04/16/13 15:30	04/17/13 15:12	1
3,3'-Dichlorobenzidine	<0.971		9.71	0.971	ug/L		04/16/13 15:30	04/17/13 15:12	1
Pentachlorophenol	<4.85		9.71	4.85	ug/L		04/16/13 15:30	04/17/13 15:12	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
unused surrogate	92.2	T J	ug/L		4.88		04/16/13 15:30	04/17/13 15:12	1
unused surrogate	64.1	T J	ug/L		5.30		04/16/13 15:30	04/17/13 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	68		10 - 130	04/16/13 15:30	04/17/13 15:12	1
Phenol-d5	71		10 - 130	04/16/13 15:30	04/17/13 15:12	1
Nitrobenzene-d5	79		27 - 130	04/16/13 15:30	04/17/13 15:12	1
2-Fluorobiphenyl	74		23 - 130	04/16/13 15:30	04/17/13 15:12	1
2,4,6-Tribromophenol	86		18 - 130	04/16/13 15:30	04/17/13 15:12	1
Terphenyl-d14	57		10 - 141	04/16/13 15:30	04/17/13 15:12	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00282		0.0485	0.00282	ug/L		04/18/13 15:00	04/23/13 15:48	1
4,4'-DDE	<0.00252		0.0485	0.00252	ug/L		04/18/13 15:00	04/23/13 15:48	1
4,4'-DDT	<0.00330		0.0485	0.00330	ug/L		04/18/13 15:00	04/23/13 15:48	1
Aldrin	<0.00243		0.0485	0.00243	ug/L		04/18/13 15:00	04/23/13 15:48	1
alpha-BHC	<0.00544		0.0485	0.00544	ug/L		04/18/13 15:00	04/23/13 15:48	1
alpha-Chlordane	<0.00369		0.0485	0.00369	ug/L		04/18/13 15:00	04/23/13 15:48	1
beta-BHC	<0.00544		0.0485	0.00544	ug/L		04/18/13 15:00	04/23/13 15:48	1
Chlordane (technical)	<0.0301		0.485	0.0301	ug/L		04/18/13 15:00	04/23/13 15:48	1
delta-BHC	<0.00243		0.0485	0.00243	ug/L		04/18/13 15:00	04/23/13 15:48	1
Dieldrin	<0.00806		0.0485	0.00806	ug/L		04/18/13 15:00	04/23/13 15:48	1
Endosulfan I	<0.00864		0.0485	0.00864	ug/L		04/18/13 15:00	04/23/13 15:48	1
Endosulfan II	<0.00340		0.0485	0.00340	ug/L		04/18/13 15:00	04/23/13 15:48	1
Endosulfan sulfate	<0.00379		0.0485	0.00379	ug/L		04/18/13 15:00	04/23/13 15:48	1
Endrin	<0.00243		0.0485	0.00243	ug/L		04/18/13 15:00	04/23/13 15:48	1
Endrin aldehyde	<0.00427		0.0485	0.00427	ug/L		04/18/13 15:00	04/23/13 15:48	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Date Collected: 04/15/13 10:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	<0.00709		0.0485	0.00709	ug/L		04/18/13 15:00	04/23/13 15:48	1
gamma-BHC (Lindane)	<0.00262		0.0485	0.00262	ug/L		04/18/13 15:00	04/23/13 15:48	1
gamma-Chlordane	<0.00456		0.0485	0.00456	ug/L		04/18/13 15:00	04/23/13 15:48	1
Heptachlor	<0.00573		0.0485	0.00573	ug/L		04/18/13 15:00	04/23/13 15:48	1
Heptachlor epoxide	<0.00272		0.0485	0.00272	ug/L		04/18/13 15:00	04/23/13 15:48	1
Methoxychlor	<0.0225		0.0485	0.0225	ug/L		04/18/13 15:00	04/23/13 15:48	1
Toxaphene	<0.279		0.971	0.279	ug/L		04/18/13 15:00	04/23/13 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	29		10 - 152	04/18/13 15:00	04/23/13 15:48	1
Tetrachloro-m-xylene	70		57 - 127	04/18/13 15:00	04/23/13 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1221	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1232	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1242	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1248	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1254	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1260	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1262	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1
Aroclor 1268	<0.485		0.971	0.485	ug/L		04/18/13 13:00	04/22/13 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		25 - 140	04/18/13 13:00	04/22/13 11:32	1
DCB Decachlorobiphenyl	31	X	42 - 133	04/18/13 13:00	04/22/13 11:32	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 16:36	1
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 16:36	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:36	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 16:36	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 16:36	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 16:36	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:36	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 16:36	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 16:36	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 16:36	1
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 16:36	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:36	1
Fensulfothion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 16:36	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:36	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 16:36	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 16:36	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 16:36	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 16:36	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 16:36	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 16:36	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Date Collected: 04/15/13 10:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 16:36	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 16:36	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 16:36	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 16:36	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 16:36	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 16:36	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 16:36	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 16:36	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	100		37 - 139	04/18/13 18:17	04/22/13 16:36	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0620		0.500	0.0620	ug/L		04/18/13 08:00	04/19/13 19:32	1
2,4-D	<0.0370		0.500	0.0370	ug/L		04/18/13 08:00	04/19/13 19:32	1
2,4-DB	<0.150		0.500	0.150	ug/L		04/18/13 08:00	04/19/13 19:32	1
Dalapon	<0.100		10.0	0.100	ug/L		04/18/13 08:00	04/19/13 19:32	1
Dicamba	<0.0850		0.500	0.0850	ug/L		04/18/13 08:00	04/19/13 19:32	1
Dichlorprop	<0.150		0.500	0.150	ug/L		04/18/13 08:00	04/19/13 19:32	1
Dinoseb	<0.160		6.00	0.160	ug/L		04/18/13 08:00	04/19/13 19:32	1
MCPA	<17.0		120	17.0	ug/L		04/18/13 08:00	04/19/13 19:32	1
Pentachlorophenol	<0.0370		0.250	0.0370	ug/L		04/18/13 08:00	04/19/13 19:32	1
Silvex (2,4,5-TP)	<0.0620		0.500	0.0620	ug/L		04/18/13 08:00	04/19/13 19:32	1
Mecoprop	<19.0		120	19.0	ug/L		04/18/13 08:00	04/19/13 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	100	p	52 - 151	04/18/13 08:00	04/19/13 19:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	4390		500	70.7	ug/L		04/16/13 13:50	04/19/13 13:07	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	74.0		0.500	0.198	mg/L		04/16/13 13:50	04/26/13 19:06	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 19:06	1
Arsenic	<1.09		5.00	1.09	ug/L		04/16/13 13:50	04/26/13 19:06	1
Potassium	1.50		1.00	0.407	mg/L		04/16/13 13:50	04/26/13 19:06	1
Barium	57.7		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 19:06	1
Magnesium	16.9		0.500	0.113	mg/L		04/16/13 13:50	04/26/13 19:06	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/26/13 19:06	1
Sodium	11.9		1.00	0.727	mg/L		04/16/13 13:50	04/26/13 19:06	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 19:06	1
Strontium	724		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 19:06	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 19:06	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 19:06	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 19:06	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 19:06	1
Lead	1.87 J		5.00	0.733	ug/L		04/16/13 13:50	04/26/13 19:06	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 110

Lab Sample ID: 560-39287-1

Date Collected: 04/15/13 10:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	3.09	J	5.00	1.08	ug/L		04/16/13 13:50	04/26/13 19:06	1
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 19:06	1
Zinc	<3.55		25.0	3.55	ug/L		04/16/13 13:50	04/26/13 19:06	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 19:06	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 19:06	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 19:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000130		0.00200	0.000130	mg/L		04/19/13 08:10	04/19/13 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			04/16/13 14:42	1
Chloride	20.5		1.00	0.192	mg/L			04/16/13 14:42	1
Nitrate as N	1.22		0.500	0.103	mg/L			04/16/13 14:42	1
Sulfate	27.0		1.00	0.377	mg/L			04/16/13 14:42	1
Fluoride	0.251		0.100	0.0200	mg/L			04/22/13 08:45	1
Nitrogen, Kjeldahl	1.11	B	1.00	0.432	mg/L			04/23/13 14:12	1
Phosphorus	0.0427	J	0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:25	1
Total Organic Carbon	1.28	B	1.00	0.285	mg/L			04/18/13 16:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.52	HF	0.100	0.100	SU			04/16/13 16:30	1
Total Alkalinity as CaCO3	221		5.00	5.00	mg/L			04/17/13 13:00	1
Bicarbonate Alkalinity as CaCO3	221		5.00	5.00	mg/L			04/17/13 13:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Total Dissolved Solids	279		10.0	10.0	mg/L			04/16/13 15:00	1
Total Suspended Solids	6.80		3.00	3.00	mg/L			04/17/13 12:15	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.58	H	1.00	0.285	mg/L			04/30/13 09:29	1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 17:00	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 17:00	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 17:00	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 17:00	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 17:00	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 17:00	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 17:00	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 17:00	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 17:00	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 17:00	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 17:00	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 17:00	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 17:00	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 17:00	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 17:00	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 17:00	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 17:00	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:00	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 17:00	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 17:00	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 17:00	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 17:00	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 17:00	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 17:00	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 17:00	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 17:00	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 17:00	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 17:00	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 17:00	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 17:00	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 17:00	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 17:00	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 17:00	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 17:00	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 17:00	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 17:00	1
Benzyl chloride	<0.278 *		5.00	0.278	ug/L			04/16/13 17:00	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 17:00	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 17:00	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 17:00	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 17:00	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 17:00	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 17:00	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 17:00	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 17:00	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 17:00	1
Chloroform	<0.173		1.00	0.173	ug/L			04/16/13 17:00	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 17:00	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 17:00	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 17:00	1
cis-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 17:00	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 17:00	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 17:00	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 17:00	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 17:00	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 17:00	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 17:00	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 17:00	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 17:00	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 17:00	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 17:00	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 17:00	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 17:00	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 17:00	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 17:00	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 17:00	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 17:00	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 17:00	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 17:00	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 17:00	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 17:00	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 17:00	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 17:00	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 17:00	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 17:00	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 17:00	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 17:00	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:00	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 17:00	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 17:00	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 17:00	1
trans-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 17:00	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 17:00	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 17:00	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 17:00	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 17:00	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 17:00	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		04/16/13 17:00	1
4-Bromofluorobenzene (Surr)	93		70 - 130		04/16/13 17:00	1
Dibromofluoromethane (Surr)	102		70 - 130		04/16/13 17:00	1
Toluene-d8 (Surr)	102		70 - 130		04/16/13 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 15:37	1
Bis(2-chloroethyl)ether	<0.665		9.43	0.665	ug/L		04/16/13 15:30	04/17/13 15:37	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<0.341		9.43	0.341	ug/L		04/16/13 15:30	04/17/13 15:37	1
1,3-Dichlorobenzene	<1.89		9.43	1.89	ug/L		04/16/13 15:30	04/17/13 15:37	1
1,4-Dichlorobenzene	<0.698		9.43	0.698	ug/L		04/16/13 15:30	04/17/13 15:37	1
Benzyl alcohol	<1.28		9.43	1.28	ug/L		04/16/13 15:30	04/17/13 15:37	1
1,2-Dichlorobenzene	<0.475		9.43	0.475	ug/L		04/16/13 15:30	04/17/13 15:37	1
2-Methylphenol	<0.458		9.43	0.458	ug/L		04/16/13 15:30	04/17/13 15:37	1
3 & 4 Methylphenol	<0.831		18.9	0.831	ug/L		04/16/13 15:30	04/17/13 15:37	1
N-Nitrosodi-n-propylamine	<0.613		9.43	0.613	ug/L		04/16/13 15:30	04/17/13 15:37	1
Hexachloroethane	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 15:37	1
Nitrobenzene	<0.317		9.43	0.317	ug/L		04/16/13 15:30	04/17/13 15:37	1
Isophorone	<0.591		9.43	0.591	ug/L		04/16/13 15:30	04/17/13 15:37	1
2-Nitrophenol	<0.385		9.43	0.385	ug/L		04/16/13 15:30	04/17/13 15:37	1
2,4-Dimethylphenol	<0.528		9.43	0.528	ug/L		04/16/13 15:30	04/17/13 15:37	1
Bis(2-chloroethoxy)methane	<0.559		9.43	0.559	ug/L		04/16/13 15:30	04/17/13 15:37	1
2,4-Dichlorophenol	<0.365		9.43	0.365	ug/L		04/16/13 15:30	04/17/13 15:37	1
1,2,4-Trichlorobenzene	<0.552		9.43	0.552	ug/L		04/16/13 15:30	04/17/13 15:37	1
Naphthalene	<0.450		9.43	0.450	ug/L		04/16/13 15:30	04/17/13 15:37	1
4-Chloroaniline	<0.430		9.43	0.430	ug/L		04/16/13 15:30	04/17/13 15:37	1
Hexachlorobutadiene	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 15:37	1
4-Chloro-3-methylphenol	<0.470		9.43	0.470	ug/L		04/16/13 15:30	04/17/13 15:37	1
2-Methylnaphthalene	<0.405		9.43	0.405	ug/L		04/16/13 15:30	04/17/13 15:37	1
Hexachlorocyclopentadiene	<4.72		9.43	4.72	ug/L		04/16/13 15:30	04/17/13 15:37	1
2,4,6-Trichlorophenol	<0.371		9.43	0.371	ug/L		04/16/13 15:30	04/17/13 15:37	1
2,4,5-Trichlorophenol	<0.374		9.43	0.374	ug/L		04/16/13 15:30	04/17/13 15:37	1
2-Chloronaphthalene	<0.469		9.43	0.469	ug/L		04/16/13 15:30	04/17/13 15:37	1
2-Nitroaniline	<0.418		9.43	0.418	ug/L		04/16/13 15:30	04/17/13 15:37	1
Dimethyl phthalate	<0.518		9.43	0.518	ug/L		04/16/13 15:30	04/17/13 15:37	1
Acenaphthylene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
2,6-Dinitrotoluene	<0.492		9.43	0.492	ug/L		04/16/13 15:30	04/17/13 15:37	1
3-Nitroaniline	<1.69		9.43	1.69	ug/L		04/16/13 15:30	04/17/13 15:37	1
Acenaphthene	<0.537		9.43	0.537	ug/L		04/16/13 15:30	04/17/13 15:37	1
2,4-Dinitrophenol	<0.875		9.43	0.875	ug/L		04/16/13 15:30	04/17/13 15:37	1
4-Nitrophenol	<1.67		9.43	1.67	ug/L		04/16/13 15:30	04/17/13 15:37	1
Dibenzofuran	<0.485		9.43	0.485	ug/L		04/16/13 15:30	04/17/13 15:37	1
2,4-Dinitrotoluene	<0.361		9.43	0.361	ug/L		04/16/13 15:30	04/17/13 15:37	1
Diethyl phthalate	<0.494		9.43	0.494	ug/L		04/16/13 15:30	04/17/13 15:37	1
Fluorene	<0.574		9.43	0.574	ug/L		04/16/13 15:30	04/17/13 15:37	1
4-Chlorophenyl phenyl ether	<0.494		9.43	0.494	ug/L		04/16/13 15:30	04/17/13 15:37	1
4-Nitroaniline	<1.38		9.43	1.38	ug/L		04/16/13 15:30	04/17/13 15:37	1
4,6-Dinitro-2-methylphenol	<1.72		9.43	1.72	ug/L		04/16/13 15:30	04/17/13 15:37	1
N-Nitrosodiphenylamine	<0.480		9.43	0.480	ug/L		04/16/13 15:30	04/17/13 15:37	1
4-Bromophenyl phenyl ether	<0.701		9.43	0.701	ug/L		04/16/13 15:30	04/17/13 15:37	1
Hexachlorobenzene	<0.615		9.43	0.615	ug/L		04/16/13 15:30	04/17/13 15:37	1
Phenanthrene	<0.485		9.43	0.485	ug/L		04/16/13 15:30	04/17/13 15:37	1
Anthracene	<0.381		9.43	0.381	ug/L		04/16/13 15:30	04/17/13 15:37	1
Di-n-butyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Fluoranthene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Pyrene	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 15:37	1
Butyl benzyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Chrysene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Bis(2-ethylhexyl) phthalate	<1.78		9.43	1.78	ug/L		04/16/13 15:30	04/17/13 15:37	1
Di-n-octyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Benzo[b]fluoranthene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Benzo[k]fluoranthene	<0.343		9.43	0.343	ug/L		04/16/13 15:30	04/17/13 15:37	1
Benzo[a]pyrene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Indeno[1,2,3-cd]pyrene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Dibenz(a,h)anthracene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
Benzo[g,h,i]perylene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 15:37	1
3,3'-Dichlorobenzidine	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 15:37	1
Pentachlorophenol	<4.72		9.43	4.72	ug/L		04/16/13 15:30	04/17/13 15:37	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
unused surrogate	96.2	T J	ug/L		4.88		04/16/13 15:30	04/17/13 15:37	1
unused surrogate	67.4	T J	ug/L		5.30		04/16/13 15:30	04/17/13 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	73		10 - 130	04/16/13 15:30	04/17/13 15:37	1
Phenol-d5	76		10 - 130	04/16/13 15:30	04/17/13 15:37	1
Nitrobenzene-d5	82		27 - 130	04/16/13 15:30	04/17/13 15:37	1
2-Fluorobiphenyl	82		23 - 130	04/16/13 15:30	04/17/13 15:37	1
2,4,6-Tribromophenol	92		18 - 130	04/16/13 15:30	04/17/13 15:37	1
Terphenyl-d14	70		10 - 141	04/16/13 15:30	04/17/13 15:37	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00274		0.0472	0.00274	ug/L		04/18/13 15:00	04/23/13 16:13	1
4,4'-DDE	<0.00245		0.0472	0.00245	ug/L		04/18/13 15:00	04/23/13 16:13	1
4,4'-DDT	<0.00321		0.0472	0.00321	ug/L		04/18/13 15:00	04/23/13 16:13	1
Aldrin	<0.00236		0.0472	0.00236	ug/L		04/18/13 15:00	04/23/13 16:13	1
alpha-BHC	<0.00528		0.0472	0.00528	ug/L		04/18/13 15:00	04/23/13 16:13	1
alpha-Chlordane	<0.00358		0.0472	0.00358	ug/L		04/18/13 15:00	04/23/13 16:13	1
beta-BHC	<0.00528		0.0472	0.00528	ug/L		04/18/13 15:00	04/23/13 16:13	1
Chlordane (technical)	<0.0292		0.472	0.0292	ug/L		04/18/13 15:00	04/23/13 16:13	1
delta-BHC	<0.00236		0.0472	0.00236	ug/L		04/18/13 15:00	04/23/13 16:13	1
Dieldrin	<0.00783		0.0472	0.00783	ug/L		04/18/13 15:00	04/23/13 16:13	1
Endosulfan I	<0.00840		0.0472	0.00840	ug/L		04/18/13 15:00	04/23/13 16:13	1
Endosulfan II	<0.00330		0.0472	0.00330	ug/L		04/18/13 15:00	04/23/13 16:13	1
Endosulfan sulfate	<0.00368		0.0472	0.00368	ug/L		04/18/13 15:00	04/23/13 16:13	1
Endrin	<0.00236		0.0472	0.00236	ug/L		04/18/13 15:00	04/23/13 16:13	1
Endrin aldehyde	<0.00415		0.0472	0.00415	ug/L		04/18/13 15:00	04/23/13 16:13	1
Endrin ketone	<0.00689		0.0472	0.00689	ug/L		04/18/13 15:00	04/23/13 16:13	1
gamma-BHC (Lindane)	<0.00255		0.0472	0.00255	ug/L		04/18/13 15:00	04/23/13 16:13	1
gamma-Chlordane	<0.00443		0.0472	0.00443	ug/L		04/18/13 15:00	04/23/13 16:13	1
Heptachlor	<0.00557		0.0472	0.00557	ug/L		04/18/13 15:00	04/23/13 16:13	1
Heptachlor epoxide	<0.00264		0.0472	0.00264	ug/L		04/18/13 15:00	04/23/13 16:13	1
Methoxychlor	<0.0219		0.0472	0.0219	ug/L		04/18/13 15:00	04/23/13 16:13	1
Toxaphene	<0.271		0.943	0.271	ug/L		04/18/13 15:00	04/23/13 16:13	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		10 - 152	04/18/13 15:00	04/23/13 16:13	1
Tetrachloro-m-xylene	79		57 - 127	04/18/13 15:00	04/23/13 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1221	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1232	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1242	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1248	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1254	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1260	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1262	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1
Aroclor 1268	<0.472		0.943	0.472	ug/L		04/18/13 13:00	04/22/13 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		25 - 140	04/18/13 13:00	04/22/13 11:47	1
DCB Decachlorobiphenyl	77		42 - 133	04/18/13 13:00	04/22/13 11:47	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 16:22	1
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 16:22	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:22	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 16:22	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 16:22	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 16:22	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:22	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 16:22	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 16:22	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 16:22	1
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 16:22	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:22	1
Fensulfothion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 16:22	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:22	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 16:22	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 16:22	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 16:22	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 16:22	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 16:22	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 16:22	1
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 16:22	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 16:22	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 16:22	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 16:22	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 16:22	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 16:22	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 16:22	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 16:22	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:22	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	111		37 - 139	04/18/13 18:17	04/22/13 16:22	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		04/18/13 08:00	04/19/13 19:48	1
2,4-D	<0.0357		0.482	0.0357	ug/L		04/18/13 08:00	04/19/13 19:48	1
2,4-DB	<0.145		0.482	0.145	ug/L		04/18/13 08:00	04/19/13 19:48	1
Dalapon	<0.0965		9.65	0.0965	ug/L		04/18/13 08:00	04/19/13 19:48	1
Dicamba	<0.0820		0.482	0.0820	ug/L		04/18/13 08:00	04/19/13 19:48	1
Dichlorprop	<0.145		0.482	0.145	ug/L		04/18/13 08:00	04/19/13 19:48	1
Dinoseb	<0.154		5.79	0.154	ug/L		04/18/13 08:00	04/19/13 19:48	1
MCPA	<16.4		116	16.4	ug/L		04/18/13 08:00	04/19/13 19:48	1
Pentachlorophenol	<0.0357		0.241	0.0357	ug/L		04/18/13 08:00	04/19/13 19:48	1
Silvex (2,4,5-TP)	<0.0598		0.482	0.0598	ug/L		04/18/13 08:00	04/19/13 19:48	1
Mecoprop	<18.3		116	18.3	ug/L		04/18/13 08:00	04/19/13 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	81	p	52 - 151	04/18/13 08:00	04/19/13 19:48	1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	5500		500	70.7	ug/L		04/16/13 13:50	04/19/13 13:23	1

Method: 6020 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	83.5		0.500	0.198	mg/L		04/16/13 13:50	04/26/13 19:28	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 19:28	1
Arsenic	1.40	J	5.00	1.09	ug/L		04/16/13 13:50	04/26/13 19:28	1
Potassium	1.36		1.00	0.407	mg/L		04/16/13 13:50	04/26/13 19:28	1
Barium	51.6		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 19:28	1
Magnesium	16.8		0.500	0.113	mg/L		04/16/13 13:50	04/26/13 19:28	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/26/13 19:28	1
Sodium	11.6		1.00	0.727	mg/L		04/16/13 13:50	04/26/13 19:28	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 19:28	1
Strontium	622		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 19:28	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 19:28	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 19:28	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 19:28	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 19:28	1
Lead	1.92	J	5.00	0.733	ug/L		04/16/13 13:50	04/26/13 19:28	1
Selenium	4.36	J	5.00	1.08	ug/L		04/16/13 13:50	04/26/13 19:28	1
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 19:28	1
Zinc	<3.55		25.0	3.55	ug/L		04/16/13 13:50	04/26/13 19:28	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 19:28	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 19:28	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 19:28	1

Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000157	J	0.00200	0.000130	mg/L		04/19/13 08:10	04/19/13 13:35	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 120

Lab Sample ID: 560-39287-2

Date Collected: 04/15/13 10:35

Matrix: Water

Date Received: 04/16/13 07:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			04/16/13 15:48	1
Chloride	19.1		1.00	0.192	mg/L			04/16/13 15:48	1
Nitrate as N	1.82		0.500	0.103	mg/L			04/16/13 15:48	1
Sulfate	27.2		1.00	0.377	mg/L			04/16/13 15:48	1
Fluoride	0.234		0.100	0.0200	mg/L			04/22/13 08:45	1
Nitrogen, Kjeldahl	0.965	J B	1.00	0.432	mg/L			04/23/13 14:19	1
Phosphorus	<0.0410		0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:26	1
Total Organic Carbon	0.389	J B	1.00	0.285	mg/L			04/18/13 17:56	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.37	HF	0.100	0.100	SU			04/16/13 16:30	1
Total Alkalinity as CaCO3	234		5.00	5.00	mg/L			04/17/13 13:00	1
Bicarbonate Alkalinity as CaCO3	234		5.00	5.00	mg/L			04/17/13 13:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Total Dissolved Solids	309		10.0	10.0	mg/L			04/16/13 15:00	1
Total Suspended Solids	<3.00		3.00	3.00	mg/L			04/17/13 12:15	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.02	H	1.00	0.285	mg/L			04/30/13 09:29	1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 17:25	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 17:25	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 17:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 17:25	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 17:25	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 17:25	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 17:25	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 17:25	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 17:25	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 17:25	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 17:25	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:25	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 17:25	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 17:25	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 17:25	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 17:25	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 17:25	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 17:25	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:25	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 17:25	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 17:25	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 17:25	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 17:25	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 17:25	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 17:25	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 17:25	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 17:25	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 17:25	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 17:25	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 17:25	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 17:25	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 17:25	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 17:25	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 17:25	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 17:25	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 17:25	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 17:25	1
Benzyl chloride	<0.278	*	5.00	0.278	ug/L			04/16/13 17:25	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 17:25	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 17:25	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 17:25	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 17:25	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 17:25	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 17:25	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 17:25	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 17:25	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 17:25	1
Chloroform	<0.173		1.00	0.173	ug/L			04/16/13 17:25	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 17:25	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 17:25	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 17:25	1
cis-1,4-Dichloro-2-butene	<0.500	*	5.00	0.500	ug/L			04/16/13 17:25	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 17:25	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 17:25	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 17:25	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 17:25	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 17:25	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 17:25	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			04/16/13 17:25	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 17:25	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 17:25	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 17:25	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 17:25	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 17:25	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 17:25	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 17:25	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 17:25	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 17:25	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 17:25	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 17:25	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 17:25	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 17:25	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 17:25	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 17:25	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 17:25	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 17:25	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 17:25	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 17:25	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 17:25	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:25	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 17:25	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 17:25	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 17:25	1
trans-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 17:25	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 17:25	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 17:25	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 17:25	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 17:25	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 17:25	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 130		04/16/13 17:25	1
4-Bromofluorobenzene (Surr)	95		70 - 130		04/16/13 17:25	1
Dibromofluoromethane (Surr)	101		70 - 130		04/16/13 17:25	1
Toluene-d8 (Surr)	101		70 - 130		04/16/13 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.990		9.90	0.990	ug/L		04/16/13 15:30	04/17/13 16:02	1
Bis(2-chloroethyl)ether	<0.698		9.90	0.698	ug/L		04/16/13 15:30	04/17/13 16:02	1
2-Chlorophenol	<0.357		9.90	0.357	ug/L		04/16/13 15:30	04/17/13 16:02	1
1,3-Dichlorobenzene	<1.98		9.90	1.98	ug/L		04/16/13 15:30	04/17/13 16:02	1
1,4-Dichlorobenzene	<0.733		9.90	0.733	ug/L		04/16/13 15:30	04/17/13 16:02	1
Benzyl alcohol	<1.35		9.90	1.35	ug/L		04/16/13 15:30	04/17/13 16:02	1
1,2-Dichlorobenzene	<0.498		9.90	0.498	ug/L		04/16/13 15:30	04/17/13 16:02	1
2-Methylphenol	<0.481		9.90	0.481	ug/L		04/16/13 15:30	04/17/13 16:02	1
3 & 4 Methylphenol	<0.872		19.8	0.872	ug/L		04/16/13 15:30	04/17/13 16:02	1
N-Nitrosodi-n-propylamine	<0.644		9.90	0.644	ug/L		04/16/13 15:30	04/17/13 16:02	1
Hexachloroethane	<0.990		9.90	0.990	ug/L		04/16/13 15:30	04/17/13 16:02	1
Nitrobenzene	<0.333		9.90	0.333	ug/L		04/16/13 15:30	04/17/13 16:02	1
Isophorone	<0.620		9.90	0.620	ug/L		04/16/13 15:30	04/17/13 16:02	1
2-Nitrophenol	<0.404		9.90	0.404	ug/L		04/16/13 15:30	04/17/13 16:02	1
2,4-Dimethylphenol	<0.554		9.90	0.554	ug/L		04/16/13 15:30	04/17/13 16:02	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.587		9.90	0.587	ug/L		04/16/13 15:30	04/17/13 16:02	1
2,4-Dichlorophenol	<0.383		9.90	0.383	ug/L		04/16/13 15:30	04/17/13 16:02	1
1,2,4-Trichlorobenzene	<0.579		9.90	0.579	ug/L		04/16/13 15:30	04/17/13 16:02	1
Naphthalene	<0.472		9.90	0.472	ug/L		04/16/13 15:30	04/17/13 16:02	1
4-Chloroaniline	<0.451		9.90	0.451	ug/L		04/16/13 15:30	04/17/13 16:02	1
Hexachlorobutadiene	<0.990		9.90	0.990	ug/L		04/16/13 15:30	04/17/13 16:02	1
4-Chloro-3-methylphenol	<0.493		9.90	0.493	ug/L		04/16/13 15:30	04/17/13 16:02	1
2-Methylnaphthalene	<0.425		9.90	0.425	ug/L		04/16/13 15:30	04/17/13 16:02	1
Hexachlorocyclopentadiene	<4.95		9.90	4.95	ug/L		04/16/13 15:30	04/17/13 16:02	1
2,4,6-Trichlorophenol	<0.389		9.90	0.389	ug/L		04/16/13 15:30	04/17/13 16:02	1
2,4,5-Trichlorophenol	<0.392		9.90	0.392	ug/L		04/16/13 15:30	04/17/13 16:02	1
2-Chloronaphthalene	<0.492		9.90	0.492	ug/L		04/16/13 15:30	04/17/13 16:02	1
2-Nitroaniline	<0.439		9.90	0.439	ug/L		04/16/13 15:30	04/17/13 16:02	1
Dimethyl phthalate	<0.544		9.90	0.544	ug/L		04/16/13 15:30	04/17/13 16:02	1
Acenaphthylene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
2,6-Dinitrotoluene	<0.517		9.90	0.517	ug/L		04/16/13 15:30	04/17/13 16:02	1
3-Nitroaniline	<1.77		9.90	1.77	ug/L		04/16/13 15:30	04/17/13 16:02	1
Acenaphthene	<0.563		9.90	0.563	ug/L		04/16/13 15:30	04/17/13 16:02	1
2,4-Dinitrophenol	<0.919		9.90	0.919	ug/L		04/16/13 15:30	04/17/13 16:02	1
4-Nitrophenol	<1.75		9.90	1.75	ug/L		04/16/13 15:30	04/17/13 16:02	1
Dibenzofuran	<0.509		9.90	0.509	ug/L		04/16/13 15:30	04/17/13 16:02	1
2,4-Dinitrotoluene	<0.379		9.90	0.379	ug/L		04/16/13 15:30	04/17/13 16:02	1
Diethyl phthalate	<0.519		9.90	0.519	ug/L		04/16/13 15:30	04/17/13 16:02	1
Fluorene	<0.602		9.90	0.602	ug/L		04/16/13 15:30	04/17/13 16:02	1
4-Chlorophenyl phenyl ether	<0.519		9.90	0.519	ug/L		04/16/13 15:30	04/17/13 16:02	1
4-Nitroaniline	<1.45		9.90	1.45	ug/L		04/16/13 15:30	04/17/13 16:02	1
4,6-Dinitro-2-methylphenol	<1.80		9.90	1.80	ug/L		04/16/13 15:30	04/17/13 16:02	1
N-Nitrosodiphenylamine	<0.504		9.90	0.504	ug/L		04/16/13 15:30	04/17/13 16:02	1
4-Bromophenyl phenyl ether	<0.736		9.90	0.736	ug/L		04/16/13 15:30	04/17/13 16:02	1
Hexachlorobenzene	<0.646		9.90	0.646	ug/L		04/16/13 15:30	04/17/13 16:02	1
Phenanthrene	<0.509		9.90	0.509	ug/L		04/16/13 15:30	04/17/13 16:02	1
Anthracene	<0.400		9.90	0.400	ug/L		04/16/13 15:30	04/17/13 16:02	1
Di-n-butyl phthalate	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Fluoranthene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Pyrene	<0.990		9.90	0.990	ug/L		04/16/13 15:30	04/17/13 16:02	1
Butyl benzyl phthalate	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Benzo[a]anthracene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Chrysene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Bis(2-ethylhexyl) phthalate	<1.87		9.90	1.87	ug/L		04/16/13 15:30	04/17/13 16:02	1
Di-n-octyl phthalate	1.67	J	9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Benzo[b]fluoranthene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Benzo[k]fluoranthene	<0.360		9.90	0.360	ug/L		04/16/13 15:30	04/17/13 16:02	1
Benzo[a]pyrene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Indeno[1,2,3-cd]pyrene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Dibenz(a,h)anthracene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
Benzo[g,h,i]perylene	<0.495		9.90	0.495	ug/L		04/16/13 15:30	04/17/13 16:02	1
3,3'-Dichlorobenzidine	<0.990		9.90	0.990	ug/L		04/16/13 15:30	04/17/13 16:02	1
Pentachlorophenol	<4.95		9.90	4.95	ug/L		04/16/13 15:30	04/17/13 16:02	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
unused surrogate	90.9	T J	ug/L		4.88		04/16/13 15:30	04/17/13 16:02	1
unused surrogate	64.0	T J	ug/L		5.30		04/16/13 15:30	04/17/13 16:02	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2-Fluorophenol	64		10 - 130				04/16/13 15:30	04/17/13 16:02	1
Phenol-d5	66		10 - 130				04/16/13 15:30	04/17/13 16:02	1
Nitrobenzene-d5	75		27 - 130				04/16/13 15:30	04/17/13 16:02	1
2-Fluorobiphenyl	73		23 - 130				04/16/13 15:30	04/17/13 16:02	1
2,4,6-Tribromophenol	82		18 - 130				04/16/13 15:30	04/17/13 16:02	1
Terphenyl-d14	68		10 - 141				04/16/13 15:30	04/17/13 16:02	1

Method: 8081B - Organochlorine Pesticides (GC)

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4,4'-DDD	<0.00287		0.0495	0.00287	ug/L		04/18/13 15:00	04/23/13 17:29	1
4,4'-DDE	<0.00257		0.0495	0.00257	ug/L		04/18/13 15:00	04/23/13 17:29	1
4,4'-DDT	<0.00337		0.0495	0.00337	ug/L		04/18/13 15:00	04/23/13 17:29	1
Aldrin	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 17:29	1
alpha-BHC	<0.00554		0.0495	0.00554	ug/L		04/18/13 15:00	04/23/13 17:29	1
alpha-Chlordane	<0.00376		0.0495	0.00376	ug/L		04/18/13 15:00	04/23/13 17:29	1
beta-BHC	<0.00554		0.0495	0.00554	ug/L		04/18/13 15:00	04/23/13 17:29	1
Chlordane (technical)	<0.0307		0.495	0.0307	ug/L		04/18/13 15:00	04/23/13 17:29	1
delta-BHC	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 17:29	1
Dieldrin	<0.00822		0.0495	0.00822	ug/L		04/18/13 15:00	04/23/13 17:29	1
Endosulfan I	<0.00881		0.0495	0.00881	ug/L		04/18/13 15:00	04/23/13 17:29	1
Endosulfan II	<0.00347		0.0495	0.00347	ug/L		04/18/13 15:00	04/23/13 17:29	1
Endosulfan sulfate	<0.00386		0.0495	0.00386	ug/L		04/18/13 15:00	04/23/13 17:29	1
Endrin	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 17:29	1
Endrin aldehyde	<0.00436		0.0495	0.00436	ug/L		04/18/13 15:00	04/23/13 17:29	1
Endrin ketone	<0.00723		0.0495	0.00723	ug/L		04/18/13 15:00	04/23/13 17:29	1
gamma-BHC (Lindane)	<0.00267		0.0495	0.00267	ug/L		04/18/13 15:00	04/23/13 17:29	1
gamma-Chlordane	<0.00465		0.0495	0.00465	ug/L		04/18/13 15:00	04/23/13 17:29	1
Heptachlor	<0.00584		0.0495	0.00584	ug/L		04/18/13 15:00	04/23/13 17:29	1
Heptachlor epoxide	<0.00277		0.0495	0.00277	ug/L		04/18/13 15:00	04/23/13 17:29	1
Methoxychlor	<0.0230		0.0495	0.0230	ug/L		04/18/13 15:00	04/23/13 17:29	1
Toxaphene	<0.284		0.990	0.284	ug/L		04/18/13 15:00	04/23/13 17:29	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
DCB Decachlorobiphenyl	64	p	10 - 152				04/18/13 15:00	04/23/13 17:29	1
Tetrachloro-m-xylene	77	p	57 - 127				04/18/13 15:00	04/23/13 17:29	1

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

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Aroclor 1016	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1221	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1232	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1242	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1248	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1254	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1260	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1262	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1
Aroclor 1268	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:02	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		25 - 140	04/18/13 13:00	04/22/13 12:02	1
DCB Decachlorobiphenyl	73		42 - 133	04/18/13 13:00	04/22/13 12:02	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 16:07	1
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 16:07	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:07	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 16:07	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 16:07	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 16:07	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:07	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 16:07	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 16:07	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 16:07	1
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 16:07	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:07	1
Fensulfothion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 16:07	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:07	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 16:07	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 16:07	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 16:07	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 16:07	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 16:07	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 16:07	1
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 16:07	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 16:07	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 16:07	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 16:07	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 16:07	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 16:07	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 16:07	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 16:07	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	101		37 - 139	04/18/13 18:17	04/22/13 16:07	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0604		0.487	0.0604	ug/L		04/18/13 08:00	04/19/13 20:04	1
2,4-D	<0.0360		0.487	0.0360	ug/L		04/18/13 08:00	04/19/13 20:04	1
2,4-DB	<0.146		0.487	0.146	ug/L		04/18/13 08:00	04/19/13 20:04	1
Dalapon	<0.0974		9.74	0.0974	ug/L		04/18/13 08:00	04/19/13 20:04	1
Dicamba	<0.0828		0.487	0.0828	ug/L		04/18/13 08:00	04/19/13 20:04	1
Dichlorprop	<0.146		0.487	0.146	ug/L		04/18/13 08:00	04/19/13 20:04	1
Dinoseb	<0.156		5.84	0.156	ug/L		04/18/13 08:00	04/19/13 20:04	1
MCPA	<16.6		117	16.6	ug/L		04/18/13 08:00	04/19/13 20:04	1
Pentachlorophenol	<0.0360		0.243	0.0360	ug/L		04/18/13 08:00	04/19/13 20:04	1
Silvex (2,4,5-TP)	<0.0604		0.487	0.0604	ug/L		04/18/13 08:00	04/19/13 20:04	1
Mecoprop	<18.5		117	18.5	ug/L		04/18/13 08:00	04/19/13 20:04	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	81	p	52 - 151	04/18/13 08:00	04/19/13 20:04	1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	5450		500	70.7	ug/L		04/16/13 13:50	04/19/13 13:27	1

Method: 6020 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	83.8		0.500	0.198	mg/L		04/16/13 13:50	04/26/13 19:33	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 19:33	1
Arsenic	<1.09		5.00	1.09	ug/L		04/16/13 13:50	04/26/13 19:33	1
Potassium	1.35		1.00	0.407	mg/L		04/16/13 13:50	04/26/13 19:33	1
Barium	55.7		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 19:33	1
Magnesium	17.4		0.500	0.113	mg/L		04/16/13 13:50	04/26/13 19:33	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/26/13 19:33	1
Sodium	12.8		1.00	0.727	mg/L		04/16/13 13:50	04/26/13 19:33	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 19:33	1
Strontium	691		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 19:33	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 19:33	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 19:33	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 19:33	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 19:33	1
Lead	1.36	J	5.00	0.733	ug/L		04/16/13 13:50	04/26/13 19:33	1
Selenium	3.25	J	5.00	1.08	ug/L		04/16/13 13:50	04/26/13 19:33	1
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 19:33	1
Zinc	3.84	J	25.0	3.55	ug/L		04/16/13 13:50	04/26/13 19:33	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 19:33	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 19:33	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 19:33	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		04/19/13 08:10	04/19/13 13:37	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			04/16/13 16:10	1
Chloride	20.3		1.00	0.192	mg/L			04/16/13 16:10	1
Nitrate as N	1.85		0.500	0.103	mg/L			04/16/13 16:10	1
Sulfate	30.8		1.00	0.377	mg/L			04/16/13 16:10	1
Fluoride	0.242		0.100	0.0200	mg/L			04/22/13 08:45	1
Nitrogen, Kjeldahl	1.23	B	1.00	0.432	mg/L			04/23/13 14:20	1
Phosphorus	<0.0410		0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:29	1
Total Organic Carbon	0.752	J B	1.00	0.285	mg/L			04/18/13 16:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.40	HF	0.100	0.100	SU			04/16/13 16:30	1
Total Alkalinity as CaCO3	218		5.00	5.00	mg/L			04/17/13 13:00	1
Bicarbonate Alkalinity as CaCO3	218		5.00	5.00	mg/L			04/17/13 13:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Total Dissolved Solids	309		10.0	10.0	mg/L			04/17/13 16:45	1
Total Suspended Solids	<3.00		3.00	3.00	mg/L			04/17/13 12:15	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 130

Lab Sample ID: 560-39287-3

Date Collected: 04/15/13 12:20

Matrix: Water

Date Received: 04/16/13 07:45

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.10	H	1.00	0.285	mg/L			04/30/13 09:29	1

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 17:50	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 17:50	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 17:50	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 17:50	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 17:50	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 17:50	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 17:50	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 17:50	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 17:50	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 17:50	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:50	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 17:50	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 17:50	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 17:50	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 17:50	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 17:50	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 17:50	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:50	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 17:50	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 17:50	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 17:50	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 17:50	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 17:50	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 17:50	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 17:50	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 17:50	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 17:50	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 17:50	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 17:50	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 17:50	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 17:50	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 17:50	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 17:50	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 17:50	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 17:50	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 17:50	1
Benzyl chloride	<0.278	*	5.00	0.278	ug/L			04/16/13 17:50	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 17:50	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 17:50	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 17:50	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 17:50	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 17:50	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 17:50	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 17:50	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 17:50	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 17:50	1
Chloroform	<0.173		1.00	0.173	ug/L			04/16/13 17:50	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 17:50	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 17:50	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 17:50	1
cis-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 17:50	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 17:50	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 17:50	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 17:50	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 17:50	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 17:50	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 17:50	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			04/16/13 17:50	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 17:50	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 17:50	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 17:50	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 17:50	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 17:50	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 17:50	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 17:50	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 17:50	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 17:50	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 17:50	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 17:50	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 17:50	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 17:50	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 17:50	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 17:50	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 17:50	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 17:50	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 17:50	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 17:50	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 17:50	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 17:50	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 17:50	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 17:50	1
trans-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 17:50	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 17:50	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 17:50	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 17:50	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 17:50	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 17:50	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		04/16/13 17:50	1
4-Bromofluorobenzene (Surr)	93		70 - 130		04/16/13 17:50	1
Dibromofluoromethane (Surr)	103		70 - 130		04/16/13 17:50	1
Toluene-d8 (Surr)	101		70 - 130		04/16/13 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 16:27	1
Bis(2-chloroethyl)ether	<0.665		9.43	0.665	ug/L		04/16/13 15:30	04/17/13 16:27	1
2-Chlorophenol	<0.341		9.43	0.341	ug/L		04/16/13 15:30	04/17/13 16:27	1
1,3-Dichlorobenzene	<1.89		9.43	1.89	ug/L		04/16/13 15:30	04/17/13 16:27	1
1,4-Dichlorobenzene	<0.698		9.43	0.698	ug/L		04/16/13 15:30	04/17/13 16:27	1
Benzyl alcohol	<1.28		9.43	1.28	ug/L		04/16/13 15:30	04/17/13 16:27	1
1,2-Dichlorobenzene	<0.475		9.43	0.475	ug/L		04/16/13 15:30	04/17/13 16:27	1
2-Methylphenol	<0.458		9.43	0.458	ug/L		04/16/13 15:30	04/17/13 16:27	1
3 & 4 Methylphenol	<0.831		18.9	0.831	ug/L		04/16/13 15:30	04/17/13 16:27	1
N-Nitrosodi-n-propylamine	<0.613		9.43	0.613	ug/L		04/16/13 15:30	04/17/13 16:27	1
Hexachloroethane	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 16:27	1
Nitrobenzene	<0.317		9.43	0.317	ug/L		04/16/13 15:30	04/17/13 16:27	1
Isophorone	<0.591		9.43	0.591	ug/L		04/16/13 15:30	04/17/13 16:27	1
2-Nitrophenol	<0.385		9.43	0.385	ug/L		04/16/13 15:30	04/17/13 16:27	1
2,4-Dimethylphenol	<0.528		9.43	0.528	ug/L		04/16/13 15:30	04/17/13 16:27	1
Bis(2-chloroethoxy)methane	<0.559		9.43	0.559	ug/L		04/16/13 15:30	04/17/13 16:27	1
2,4-Dichlorophenol	<0.365		9.43	0.365	ug/L		04/16/13 15:30	04/17/13 16:27	1
1,2,4-Trichlorobenzene	<0.552		9.43	0.552	ug/L		04/16/13 15:30	04/17/13 16:27	1
Naphthalene	<0.450		9.43	0.450	ug/L		04/16/13 15:30	04/17/13 16:27	1
4-Chloroaniline	<0.430		9.43	0.430	ug/L		04/16/13 15:30	04/17/13 16:27	1
Hexachlorobutadiene	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 16:27	1
4-Chloro-3-methylphenol	<0.470		9.43	0.470	ug/L		04/16/13 15:30	04/17/13 16:27	1
2-Methylnaphthalene	<0.405		9.43	0.405	ug/L		04/16/13 15:30	04/17/13 16:27	1
Hexachlorocyclopentadiene	<4.72		9.43	4.72	ug/L		04/16/13 15:30	04/17/13 16:27	1
2,4,6-Trichlorophenol	<0.371		9.43	0.371	ug/L		04/16/13 15:30	04/17/13 16:27	1
2,4,5-Trichlorophenol	<0.374		9.43	0.374	ug/L		04/16/13 15:30	04/17/13 16:27	1
2-Chloronaphthalene	<0.469		9.43	0.469	ug/L		04/16/13 15:30	04/17/13 16:27	1
2-Nitroaniline	<0.418		9.43	0.418	ug/L		04/16/13 15:30	04/17/13 16:27	1
Dimethyl phthalate	<0.518		9.43	0.518	ug/L		04/16/13 15:30	04/17/13 16:27	1
Acenaphthylene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
2,6-Dinitrotoluene	<0.492		9.43	0.492	ug/L		04/16/13 15:30	04/17/13 16:27	1
3-Nitroaniline	<1.69		9.43	1.69	ug/L		04/16/13 15:30	04/17/13 16:27	1
Acenaphthene	<0.537		9.43	0.537	ug/L		04/16/13 15:30	04/17/13 16:27	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	<0.875		9.43	0.875	ug/L		04/16/13 15:30	04/17/13 16:27	1
4-Nitrophenol	<1.67		9.43	1.67	ug/L		04/16/13 15:30	04/17/13 16:27	1
Dibenzofuran	<0.485		9.43	0.485	ug/L		04/16/13 15:30	04/17/13 16:27	1
2,4-Dinitrotoluene	<0.361		9.43	0.361	ug/L		04/16/13 15:30	04/17/13 16:27	1
Diethyl phthalate	<0.494		9.43	0.494	ug/L		04/16/13 15:30	04/17/13 16:27	1
Fluorene	<0.574		9.43	0.574	ug/L		04/16/13 15:30	04/17/13 16:27	1
4-Chlorophenyl phenyl ether	<0.494		9.43	0.494	ug/L		04/16/13 15:30	04/17/13 16:27	1
4-Nitroaniline	<1.38		9.43	1.38	ug/L		04/16/13 15:30	04/17/13 16:27	1
4,6-Dinitro-2-methylphenol	<1.72		9.43	1.72	ug/L		04/16/13 15:30	04/17/13 16:27	1
N-Nitrosodiphenylamine	<0.480		9.43	0.480	ug/L		04/16/13 15:30	04/17/13 16:27	1
4-Bromophenyl phenyl ether	<0.701		9.43	0.701	ug/L		04/16/13 15:30	04/17/13 16:27	1
Hexachlorobenzene	<0.615		9.43	0.615	ug/L		04/16/13 15:30	04/17/13 16:27	1
Phenanthrene	<0.485		9.43	0.485	ug/L		04/16/13 15:30	04/17/13 16:27	1
Anthracene	<0.381		9.43	0.381	ug/L		04/16/13 15:30	04/17/13 16:27	1
Di-n-butyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Fluoranthene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Pyrene	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 16:27	1
Butyl benzyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Benzo[a]anthracene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Chrysene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Bis(2-ethylhexyl) phthalate	<1.78		9.43	1.78	ug/L		04/16/13 15:30	04/17/13 16:27	1
Di-n-octyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Benzo[b]fluoranthene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Benzo[k]fluoranthene	<0.343		9.43	0.343	ug/L		04/16/13 15:30	04/17/13 16:27	1
Benzo[a]pyrene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Indeno[1,2,3-cd]pyrene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Dibenz(a,h)anthracene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
Benzo[g,h,i]perylene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 16:27	1
3,3'-Dichlorobenzidine	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 16:27	1
Pentachlorophenol	<4.72		9.43	4.72	ug/L		04/16/13 15:30	04/17/13 16:27	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
unused surrogate	89.8	T J	ug/L		4.88		04/16/13 15:30	04/17/13 16:27	1
unused surrogate	63.5	T J	ug/L		5.30		04/16/13 15:30	04/17/13 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	67		10 - 130	04/16/13 15:30	04/17/13 16:27	1
Phenol-d5	70		10 - 130	04/16/13 15:30	04/17/13 16:27	1
Nitrobenzene-d5	77		27 - 130	04/16/13 15:30	04/17/13 16:27	1
2-Fluorobiphenyl	75		23 - 130	04/16/13 15:30	04/17/13 16:27	1
2,4,6-Tribromophenol	88		18 - 130	04/16/13 15:30	04/17/13 16:27	1
Terphenyl-d14	66		10 - 141	04/16/13 15:30	04/17/13 16:27	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00287		0.0495	0.00287	ug/L		04/18/13 15:00	04/23/13 17:54	1
4,4'-DDE	<0.00257		0.0495	0.00257	ug/L		04/18/13 15:00	04/23/13 17:54	1
4,4'-DDT	<0.00337		0.0495	0.00337	ug/L		04/18/13 15:00	04/23/13 17:54	1
Aldrin	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 17:54	1
alpha-BHC	<0.00554		0.0495	0.00554	ug/L		04/18/13 15:00	04/23/13 17:54	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlordane	<0.00376		0.0495	0.00376	ug/L		04/18/13 15:00	04/23/13 17:54	1
beta-BHC	<0.00554		0.0495	0.00554	ug/L		04/18/13 15:00	04/23/13 17:54	1
Chlordane (technical)	<0.0307		0.495	0.0307	ug/L		04/18/13 15:00	04/23/13 17:54	1
delta-BHC	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 17:54	1
Dieldrin	<0.00822		0.0495	0.00822	ug/L		04/18/13 15:00	04/23/13 17:54	1
Endosulfan I	<0.00881		0.0495	0.00881	ug/L		04/18/13 15:00	04/23/13 17:54	1
Endosulfan II	<0.00347		0.0495	0.00347	ug/L		04/18/13 15:00	04/23/13 17:54	1
Endosulfan sulfate	<0.00386		0.0495	0.00386	ug/L		04/18/13 15:00	04/23/13 17:54	1
Endrin	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 17:54	1
Endrin aldehyde	<0.00436		0.0495	0.00436	ug/L		04/18/13 15:00	04/23/13 17:54	1
Endrin ketone	<0.00723		0.0495	0.00723	ug/L		04/18/13 15:00	04/23/13 17:54	1
gamma-BHC (Lindane)	<0.00267		0.0495	0.00267	ug/L		04/18/13 15:00	04/23/13 17:54	1
gamma-Chlordane	<0.00465		0.0495	0.00465	ug/L		04/18/13 15:00	04/23/13 17:54	1
Heptachlor	<0.00584		0.0495	0.00584	ug/L		04/18/13 15:00	04/23/13 17:54	1
Heptachlor epoxide	<0.00277		0.0495	0.00277	ug/L		04/18/13 15:00	04/23/13 17:54	1
Methoxychlor	<0.0230		0.0495	0.0230	ug/L		04/18/13 15:00	04/23/13 17:54	1
Toxaphene	<0.284		0.990	0.284	ug/L		04/18/13 15:00	04/23/13 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		10 - 152				04/18/13 15:00	04/23/13 17:54	1
Tetrachloro-m-xylene	78		57 - 127				04/18/13 15:00	04/23/13 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1221	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1232	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1242	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1248	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1254	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1260	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1262	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Aroclor 1268	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		25 - 140				04/18/13 13:00	04/22/13 12:46	1
DCB Decachlorobiphenyl	68		42 - 133				04/18/13 13:00	04/22/13 12:46	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 15:52	1
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 15:52	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:52	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 15:52	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 15:52	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 15:52	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:52	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 15:52	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 15:52	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 15:52	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 15:52	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:52	1
Fensulfothion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 15:52	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:52	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 15:52	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:52	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 15:52	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 15:52	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 15:52	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 15:52	1
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 15:52	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 15:52	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 15:52	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:52	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 15:52	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 15:52	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 15:52	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 15:52	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	105		37 - 139	04/18/13 18:17	04/22/13 15:52	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0598		0.483	0.0598	ug/L		04/18/13 08:00	04/19/13 20:20	1
2,4-D	<0.0357		0.483	0.0357	ug/L		04/18/13 08:00	04/19/13 20:20	1
2,4-DB	<0.145		0.483	0.145	ug/L		04/18/13 08:00	04/19/13 20:20	1
Dalapon	<0.0965		9.65	0.0965	ug/L		04/18/13 08:00	04/19/13 20:20	1
Dicamba	<0.0820		0.483	0.0820	ug/L		04/18/13 08:00	04/19/13 20:20	1
Dichlorprop	<0.145		0.483	0.145	ug/L		04/18/13 08:00	04/19/13 20:20	1
Dinoseb	<0.154		5.79	0.154	ug/L		04/18/13 08:00	04/19/13 20:20	1
MCPA	<16.4		116	16.4	ug/L		04/18/13 08:00	04/19/13 20:20	1
Pentachlorophenol	<0.0357		0.241	0.0357	ug/L		04/18/13 08:00	04/19/13 20:20	1
Silvex (2,4,5-TP)	<0.0598		0.483	0.0598	ug/L		04/18/13 08:00	04/19/13 20:20	1
Mecoprop	<18.3		116	18.3	ug/L		04/18/13 08:00	04/19/13 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	86	p	52 - 151	04/18/13 08:00	04/19/13 20:20	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	5590		500	70.7	ug/L		04/16/13 13:50	04/19/13 13:31	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	77.7		0.500	0.198	mg/L		04/16/13 13:50	04/26/13 20:07	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 20:07	1
Arsenic	<1.09		5.00	1.09	ug/L		04/16/13 13:50	04/26/13 20:07	1
Potassium	1.23		1.00	0.407	mg/L		04/16/13 13:50	04/26/13 20:07	1
Barium	54.8		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 20:07	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140

Lab Sample ID: 560-39287-4

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	16.0		0.500	0.113	mg/L		04/16/13 13:50	04/26/13 20:07	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/29/13 13:16	1
Sodium	11.3		1.00	0.727	mg/L		04/16/13 13:50	04/26/13 20:07	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 20:07	1
Strontium	688		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 20:07	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 20:07	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 20:07	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 20:07	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 20:07	1
Lead	1.51	J	5.00	0.733	ug/L		04/16/13 13:50	04/26/13 20:07	1
Selenium	1.87	J	5.00	1.08	ug/L		04/16/13 13:50	04/29/13 13:16	1
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 20:07	1
Zinc	<3.55		25.0	3.55	ug/L		04/16/13 13:50	04/26/13 20:07	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 20:07	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 20:07	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 20:07	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		04/19/13 08:10	04/19/13 13:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			04/16/13 16:32	1
Chloride	19.9		1.00	0.192	mg/L			04/16/13 16:32	1
Nitrate as N	1.76		0.500	0.103	mg/L			04/16/13 16:32	1
Sulfate	27.6		1.00	0.377	mg/L			04/16/13 16:32	1
Fluoride	0.235		0.100	0.0200	mg/L			04/22/13 08:45	1
Nitrogen, Kjeldahl	1.03	B	1.00	0.432	mg/L			04/23/13 14:21	1
Phosphorus	<0.0410		0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:31	1
Total Organic Carbon	0.535	J B	1.00	0.285	mg/L			04/18/13 16:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.60	HF	0.100	0.100	SU			04/16/13 16:30	1
Total Alkalinity as CaCO3	234		5.00	5.00	mg/L			04/17/13 13:00	1
Bicarbonate Alkalinity as CaCO3	234		5.00	5.00	mg/L			04/17/13 13:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Total Dissolved Solids	344		10.0	10.0	mg/L			04/18/13 15:00	1
Total Suspended Solids	<3.00		3.00	3.00	mg/L			04/17/13 12:15	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.21	H	1.00	0.285	mg/L			04/30/13 09:29	1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 18:15	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 18:15	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 18:15	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 18:15	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 18:15	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 18:15	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 18:15	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 18:15	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 18:15	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 18:15	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 18:15	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 18:15	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 18:15	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 18:15	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 18:15	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 18:15	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 18:15	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 18:15	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 18:15	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 18:15	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 18:15	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 18:15	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 18:15	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 18:15	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 18:15	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 18:15	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 18:15	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 18:15	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 18:15	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 18:15	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 18:15	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 18:15	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 18:15	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 18:15	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 18:15	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 18:15	1
Benzyl chloride	<0.278	*	5.00	0.278	ug/L			04/16/13 18:15	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 18:15	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 18:15	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 18:15	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 18:15	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 18:15	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 18:15	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 18:15	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 18:15	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 18:15	1
Chloroform	<0.173		1.00	0.173	ug/L			04/16/13 18:15	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 18:15	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 18:15	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 18:15	1
cis-1,4-Dichloro-2-butene	<0.500	*	5.00	0.500	ug/L			04/16/13 18:15	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 18:15	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 18:15	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 18:15	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 18:15	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 18:15	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 18:15	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			04/16/13 18:15	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 18:15	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 18:15	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 18:15	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 18:15	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 18:15	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 18:15	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 18:15	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 18:15	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 18:15	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 18:15	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 18:15	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 18:15	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 18:15	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 18:15	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 18:15	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 18:15	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 18:15	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 18:15	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 18:15	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 18:15	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 18:15	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 18:15	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 18:15	1
trans-1,4-Dichloro-2-butene	<0.500	*	5.00	0.500	ug/L			04/16/13 18:15	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 18:15	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 18:15	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 18:15	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 18:15	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 18:15	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 18:15	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 130		04/16/13 18:15	1
4-Bromofluorobenzene (Surr)	94		70 - 130		04/16/13 18:15	1
Dibromofluoromethane (Surr)	105		70 - 130		04/16/13 18:15	1
Toluene-d8 (Surr)	101		70 - 130		04/16/13 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.980		9.80	0.980	ug/L		04/16/13 15:30	04/17/13 16:52	1
Bis(2-chloroethyl)ether	<0.691		9.80	0.691	ug/L		04/16/13 15:30	04/17/13 16:52	1
2-Chlorophenol	<0.354		9.80	0.354	ug/L		04/16/13 15:30	04/17/13 16:52	1
1,3-Dichlorobenzene	<1.96		9.80	1.96	ug/L		04/16/13 15:30	04/17/13 16:52	1
1,4-Dichlorobenzene	<0.725		9.80	0.725	ug/L		04/16/13 15:30	04/17/13 16:52	1
Benzyl alcohol	<1.33		9.80	1.33	ug/L		04/16/13 15:30	04/17/13 16:52	1
1,2-Dichlorobenzene	<0.493		9.80	0.493	ug/L		04/16/13 15:30	04/17/13 16:52	1
2-Methylphenol	<0.476		9.80	0.476	ug/L		04/16/13 15:30	04/17/13 16:52	1
3 & 4 Methylphenol	<0.864		19.6	0.864	ug/L		04/16/13 15:30	04/17/13 16:52	1
N-Nitrosodi-n-propylamine	<0.637		9.80	0.637	ug/L		04/16/13 15:30	04/17/13 16:52	1
Hexachloroethane	<0.980		9.80	0.980	ug/L		04/16/13 15:30	04/17/13 16:52	1
Nitrobenzene	<0.329		9.80	0.329	ug/L		04/16/13 15:30	04/17/13 16:52	1
Isophorone	<0.614		9.80	0.614	ug/L		04/16/13 15:30	04/17/13 16:52	1
2-Nitrophenol	<0.400		9.80	0.400	ug/L		04/16/13 15:30	04/17/13 16:52	1
2,4-Dimethylphenol	<0.549		9.80	0.549	ug/L		04/16/13 15:30	04/17/13 16:52	1
Bis(2-chloroethoxy)methane	<0.581		9.80	0.581	ug/L		04/16/13 15:30	04/17/13 16:52	1
2,4-Dichlorophenol	<0.379		9.80	0.379	ug/L		04/16/13 15:30	04/17/13 16:52	1
1,2,4-Trichlorobenzene	<0.574		9.80	0.574	ug/L		04/16/13 15:30	04/17/13 16:52	1
Naphthalene	<0.468		9.80	0.468	ug/L		04/16/13 15:30	04/17/13 16:52	1
4-Chloroaniline	<0.447		9.80	0.447	ug/L		04/16/13 15:30	04/17/13 16:52	1
Hexachlorobutadiene	<0.980		9.80	0.980	ug/L		04/16/13 15:30	04/17/13 16:52	1
4-Chloro-3-methylphenol	<0.488		9.80	0.488	ug/L		04/16/13 15:30	04/17/13 16:52	1
2-Methylnaphthalene	<0.421		9.80	0.421	ug/L		04/16/13 15:30	04/17/13 16:52	1
Hexachlorocyclopentadiene	<4.90		9.80	4.90	ug/L		04/16/13 15:30	04/17/13 16:52	1
2,4,6-Trichlorophenol	<0.385		9.80	0.385	ug/L		04/16/13 15:30	04/17/13 16:52	1
2,4,5-Trichlorophenol	<0.388		9.80	0.388	ug/L		04/16/13 15:30	04/17/13 16:52	1
2-Chloronaphthalene	<0.487		9.80	0.487	ug/L		04/16/13 15:30	04/17/13 16:52	1
2-Nitroaniline	<0.434		9.80	0.434	ug/L		04/16/13 15:30	04/17/13 16:52	1
Dimethyl phthalate	<0.538		9.80	0.538	ug/L		04/16/13 15:30	04/17/13 16:52	1
Acenaphthylene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
2,6-Dinitrotoluene	<0.512		9.80	0.512	ug/L		04/16/13 15:30	04/17/13 16:52	1
3-Nitroaniline	<1.75		9.80	1.75	ug/L		04/16/13 15:30	04/17/13 16:52	1
Acenaphthene	<0.558		9.80	0.558	ug/L		04/16/13 15:30	04/17/13 16:52	1
2,4-Dinitrophenol	<0.910		9.80	0.910	ug/L		04/16/13 15:30	04/17/13 16:52	1
4-Nitrophenol	<1.74		9.80	1.74	ug/L		04/16/13 15:30	04/17/13 16:52	1
Dibenzofuran	<0.504		9.80	0.504	ug/L		04/16/13 15:30	04/17/13 16:52	1
2,4-Dinitrotoluene	<0.375		9.80	0.375	ug/L		04/16/13 15:30	04/17/13 16:52	1
Diethyl phthalate	<0.514		9.80	0.514	ug/L		04/16/13 15:30	04/17/13 16:52	1
Fluorene	<0.596		9.80	0.596	ug/L		04/16/13 15:30	04/17/13 16:52	1
4-Chlorophenyl phenyl ether	<0.514		9.80	0.514	ug/L		04/16/13 15:30	04/17/13 16:52	1
4-Nitroaniline	<1.43		9.80	1.43	ug/L		04/16/13 15:30	04/17/13 16:52	1
4,6-Dinitro-2-methylphenol	<1.78		9.80	1.78	ug/L		04/16/13 15:30	04/17/13 16:52	1
N-Nitrosodiphenylamine	<0.499		9.80	0.499	ug/L		04/16/13 15:30	04/17/13 16:52	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.728		9.80	0.728	ug/L		04/16/13 15:30	04/17/13 16:52	1
Hexachlorobenzene	<0.639		9.80	0.639	ug/L		04/16/13 15:30	04/17/13 16:52	1
Phenanthrene	<0.504		9.80	0.504	ug/L		04/16/13 15:30	04/17/13 16:52	1
Anthracene	<0.396		9.80	0.396	ug/L		04/16/13 15:30	04/17/13 16:52	1
Di-n-butyl phthalate	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Fluoranthene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Pyrene	<0.980		9.80	0.980	ug/L		04/16/13 15:30	04/17/13 16:52	1
Butyl benzyl phthalate	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Benzo[a]anthracene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Chrysene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Bis(2-ethylhexyl) phthalate	<1.85		9.80	1.85	ug/L		04/16/13 15:30	04/17/13 16:52	1
Di-n-octyl phthalate	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Benzo[b]fluoranthene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Benzo[k]fluoranthene	<0.357		9.80	0.357	ug/L		04/16/13 15:30	04/17/13 16:52	1
Benzo[a]pyrene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Indeno[1,2,3-cd]pyrene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Dibenz[a,h]anthracene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
Benzo[g,h,i]perylene	<0.490		9.80	0.490	ug/L		04/16/13 15:30	04/17/13 16:52	1
3,3'-Dichlorobenzidine	<0.980		9.80	0.980	ug/L		04/16/13 15:30	04/17/13 16:52	1
Pentachlorophenol	<4.90		9.80	4.90	ug/L		04/16/13 15:30	04/17/13 16:52	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
unused surrogate	96.5	T J	ug/L		4.87		04/16/13 15:30	04/17/13 16:52	1
unused surrogate	69.2	T J	ug/L		5.29		04/16/13 15:30	04/17/13 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	71		10 - 130	04/16/13 15:30	04/17/13 16:52	1
Phenol-d5	73		10 - 130	04/16/13 15:30	04/17/13 16:52	1
Nitrobenzene-d5	82		27 - 130	04/16/13 15:30	04/17/13 16:52	1
2-Fluorobiphenyl	81		23 - 130	04/16/13 15:30	04/17/13 16:52	1
2,4,6-Tribromophenol	86		18 - 130	04/16/13 15:30	04/17/13 16:52	1
Terphenyl-d14	67		10 - 141	04/16/13 15:30	04/17/13 16:52	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00287		0.0495	0.00287	ug/L		04/18/13 15:00	04/23/13 18:19	1
4,4'-DDE	<0.00257		0.0495	0.00257	ug/L		04/18/13 15:00	04/23/13 18:19	1
4,4'-DDT	<0.00337		0.0495	0.00337	ug/L		04/18/13 15:00	04/23/13 18:19	1
Aldrin	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 18:19	1
alpha-BHC	<0.00554		0.0495	0.00554	ug/L		04/18/13 15:00	04/23/13 18:19	1
alpha-Chlordane	<0.00376		0.0495	0.00376	ug/L		04/18/13 15:00	04/23/13 18:19	1
beta-BHC	<0.00554		0.0495	0.00554	ug/L		04/18/13 15:00	04/23/13 18:19	1
Chlordane (technical)	<0.0307		0.495	0.0307	ug/L		04/18/13 15:00	04/23/13 18:19	1
delta-BHC	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 18:19	1
Dieldrin	<0.00822		0.0495	0.00822	ug/L		04/18/13 15:00	04/23/13 18:19	1
Endosulfan I	<0.00881		0.0495	0.00881	ug/L		04/18/13 15:00	04/23/13 18:19	1
Endosulfan II	<0.00347		0.0495	0.00347	ug/L		04/18/13 15:00	04/23/13 18:19	1
Endosulfan sulfate	<0.00386		0.0495	0.00386	ug/L		04/18/13 15:00	04/23/13 18:19	1
Endrin	<0.00248		0.0495	0.00248	ug/L		04/18/13 15:00	04/23/13 18:19	1
Endrin aldehyde	<0.00436		0.0495	0.00436	ug/L		04/18/13 15:00	04/23/13 18:19	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin ketone	<0.00723		0.0495	0.00723	ug/L		04/18/13 15:00	04/23/13 18:19	1
gamma-BHC (Lindane)	<0.00267		0.0495	0.00267	ug/L		04/18/13 15:00	04/23/13 18:19	1
gamma-Chlordane	<0.00465		0.0495	0.00465	ug/L		04/18/13 15:00	04/23/13 18:19	1
Heptachlor	<0.00584		0.0495	0.00584	ug/L		04/18/13 15:00	04/23/13 18:19	1
Heptachlor epoxide	<0.00277		0.0495	0.00277	ug/L		04/18/13 15:00	04/23/13 18:19	1
Methoxychlor	<0.0230		0.0495	0.0230	ug/L		04/18/13 15:00	04/23/13 18:19	1
Toxaphene	<0.284		0.990	0.284	ug/L		04/18/13 15:00	04/23/13 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		10 - 152	04/18/13 15:00	04/23/13 18:19	1
Tetrachloro-m-xylene	87		57 - 127	04/18/13 15:00	04/23/13 18:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1221	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1232	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1242	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1248	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1254	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1260	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1262	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1
Aroclor 1268	<0.495		0.990	0.495	ug/L		04/18/13 13:00	04/22/13 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		25 - 140	04/18/13 13:00	04/22/13 13:01	1
DCB Decachlorobiphenyl	70		42 - 133	04/18/13 13:00	04/22/13 13:01	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 15:37	1
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 15:37	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:37	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 15:37	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 15:37	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 15:37	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:37	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 15:37	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 15:37	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 15:37	1
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 15:37	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:37	1
Fensulfothion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 15:37	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:37	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 15:37	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:37	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 15:37	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 15:37	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 15:37	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 15:37	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 15:37	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 15:37	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 15:37	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:37	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 15:37	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 15:37	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 15:37	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 15:37	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Triphenylphosphate	108		37 - 139				04/18/13 18:17	04/22/13 15:37	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0611		0.493	0.0611	ug/L		04/18/13 08:00	04/19/13 20:36	1
2,4-D	<0.0365		0.493	0.0365	ug/L		04/18/13 08:00	04/19/13 20:36	1
2,4-DB	<0.148		0.493	0.148	ug/L		04/18/13 08:00	04/19/13 20:36	1
Dalapon	<0.0986		9.86	0.0986	ug/L		04/18/13 08:00	04/19/13 20:36	1
Dicamba	<0.0838		0.493	0.0838	ug/L		04/18/13 08:00	04/19/13 20:36	1
Dichlorprop	<0.148		0.493	0.148	ug/L		04/18/13 08:00	04/19/13 20:36	1
Dinoseb	<0.158		5.92	0.158	ug/L		04/18/13 08:00	04/19/13 20:36	1
MCPA	<16.8		118	16.8	ug/L		04/18/13 08:00	04/19/13 20:36	1
Pentachlorophenol	<0.0365		0.246	0.0365	ug/L		04/18/13 08:00	04/19/13 20:36	1
Silvex (2,4,5-TP)	<0.0611		0.493	0.0611	ug/L		04/18/13 08:00	04/19/13 20:36	1
Mecoprop	<18.7		118	18.7	ug/L		04/18/13 08:00	04/19/13 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCAA	82	p	52 - 151				04/18/13 08:00	04/19/13 20:36	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	5390		500	70.7	ug/L		04/16/13 13:50	04/19/13 13:48	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	80.4		0.500	0.198	mg/L		04/16/13 13:50	04/26/13 20:13	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 20:13	1
Arsenic	<1.09		5.00	1.09	ug/L		04/16/13 13:50	04/26/13 20:13	1
Potassium	1.28		1.00	0.407	mg/L		04/16/13 13:50	04/26/13 20:13	1
Barium	53.6		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 20:13	1
Magnesium	16.5		0.500	0.113	mg/L		04/16/13 13:50	04/26/13 20:13	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/29/13 13:22	1
Sodium	12.1		1.00	0.727	mg/L		04/16/13 13:50	04/26/13 20:13	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 20:13	1
Strontium	678		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 20:13	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 20:13	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 20:13	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 20:13	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 20:13	1
Lead	1.46	J	5.00	0.733	ug/L		04/16/13 13:50	04/26/13 20:13	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 160

Lab Sample ID: 560-39287-5

Date Collected: 04/15/13 13:00

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	1.70	J	5.00	1.08	ug/L		04/16/13 13:50	04/29/13 13:22	1
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 20:13	1
Zinc	<3.55		25.0	3.55	ug/L		04/16/13 13:50	04/26/13 20:13	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 20:13	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 20:13	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 20:13	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		04/19/13 08:10	04/19/13 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			04/16/13 16:54	1
Chloride	20.3		1.00	0.192	mg/L			04/16/13 16:54	1
Nitrate as N	1.74		0.500	0.103	mg/L			04/16/13 16:54	1
Sulfate	29.1		1.00	0.377	mg/L			04/16/13 16:54	1
Fluoride	0.237		0.100	0.0200	mg/L			04/22/13 08:45	1
Nitrogen, Kjeldahl	1.50	B	1.00	0.432	mg/L			04/24/13 14:12	1
Phosphorus	0.0731	J	0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:32	1
Total Organic Carbon	0.333	J B	1.00	0.285	mg/L			04/18/13 16:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.66	HF	0.100	0.100	SU			04/16/13 16:30	1
Total Alkalinity as CaCO3	232		5.00	5.00	mg/L			04/17/13 13:00	1
Bicarbonate Alkalinity as CaCO3	232		5.00	5.00	mg/L			04/17/13 13:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Total Dissolved Solids	332		10.0	10.0	mg/L			04/18/13 15:00	1
Total Suspended Solids	<3.00		3.00	3.00	mg/L			04/17/13 12:15	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.27	H	1.00	0.285	mg/L			04/30/13 09:29	1

Client Sample ID: Trip Blank

Lab Sample ID: 560-39287-6

Date Collected: 04/15/13 00:00

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 18:40	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 18:40	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 18:40	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 18:40	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 18:40	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 18:40	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 18:40	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 18:40	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 18:40	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 18:40	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: Trip Blank

Lab Sample ID: 560-39287-6

Date Collected: 04/15/13 00:00

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 18:40	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 18:40	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 18:40	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 18:40	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 18:40	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 18:40	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 18:40	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 18:40	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 18:40	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 18:40	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 18:40	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 18:40	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 18:40	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 18:40	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 18:40	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 18:40	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 18:40	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 18:40	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 18:40	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 18:40	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 18:40	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 18:40	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 18:40	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 18:40	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 18:40	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 18:40	1
Benzyl chloride	<0.278 *		5.00	0.278	ug/L			04/16/13 18:40	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 18:40	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 18:40	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 18:40	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 18:40	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 18:40	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 18:40	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 18:40	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 18:40	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 18:40	1
Chloroform	<0.173		1.00	0.173	ug/L			04/16/13 18:40	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 18:40	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 18:40	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 18:40	1
cis-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 18:40	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 18:40	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 18:40	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 18:40	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 18:40	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 18:40	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 18:40	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: Trip Blank

Lab Sample ID: 560-39287-6

Date Collected: 04/15/13 00:00

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 18:40	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 18:40	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 18:40	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 18:40	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 18:40	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 18:40	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 18:40	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 18:40	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 18:40	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 18:40	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 18:40	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 18:40	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 18:40	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 18:40	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 18:40	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 18:40	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 18:40	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 18:40	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 18:40	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 18:40	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 18:40	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 18:40	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 18:40	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 18:40	1
trans-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 18:40	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 18:40	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 18:40	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 18:40	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 18:40	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 18:40	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 130		04/16/13 18:40	1
4-Bromofluorobenzene (Surr)	92		70 - 130		04/16/13 18:40	1
Dibromofluoromethane (Surr)	101		70 - 130		04/16/13 18:40	1
Toluene-d8 (Surr)	102		70 - 130		04/16/13 18:40	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140 FD

Lab Sample ID: 560-39287-7

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 19:05	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 19:05	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 19:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 19:05	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 19:05	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 19:05	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 19:05	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 19:05	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 19:05	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 19:05	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 19:05	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 19:05	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 19:05	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 19:05	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 19:05	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 19:05	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 19:05	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 19:05	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 19:05	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 19:05	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 19:05	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 19:05	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 19:05	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 19:05	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 19:05	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 19:05	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 19:05	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 19:05	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 19:05	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 19:05	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 19:05	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 19:05	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 19:05	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 19:05	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 19:05	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 19:05	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 19:05	1
Benzyl chloride	<0.278	*	5.00	0.278	ug/L			04/16/13 19:05	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 19:05	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 19:05	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 19:05	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 19:05	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 19:05	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 19:05	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 19:05	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 19:05	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 19:05	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140 FD

Lab Sample ID: 560-39287-7

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 19:05	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 19:05	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 19:05	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 19:05	1
cis-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 19:05	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 19:05	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 19:05	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 19:05	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 19:05	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 19:05	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 19:05	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			04/16/13 19:05	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 19:05	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 19:05	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 19:05	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 19:05	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 19:05	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 19:05	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 19:05	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 19:05	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 19:05	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 19:05	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 19:05	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 19:05	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 19:05	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 19:05	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 19:05	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 19:05	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 19:05	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 19:05	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 19:05	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 19:05	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 19:05	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 19:05	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 19:05	1
trans-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 19:05	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 19:05	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 19:05	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 19:05	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 19:05	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 19:05	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 19:05	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140 FD

Lab Sample ID: 560-39287-7

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		04/16/13 19:05	1
4-Bromofluorobenzene (Surr)	91		70 - 130		04/16/13 19:05	1
Dibromofluoromethane (Surr)	103		70 - 130		04/16/13 19:05	1
Toluene-d8 (Surr)	103		70 - 130		04/16/13 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 17:17	1
Bis(2-chloroethyl)ether	<0.665		9.43	0.665	ug/L		04/16/13 15:30	04/17/13 17:17	1
2-Chlorophenol	<0.341		9.43	0.341	ug/L		04/16/13 15:30	04/17/13 17:17	1
1,3-Dichlorobenzene	<1.89		9.43	1.89	ug/L		04/16/13 15:30	04/17/13 17:17	1
1,4-Dichlorobenzene	<0.698		9.43	0.698	ug/L		04/16/13 15:30	04/17/13 17:17	1
Benzyl alcohol	<1.28		9.43	1.28	ug/L		04/16/13 15:30	04/17/13 17:17	1
1,2-Dichlorobenzene	<0.475		9.43	0.475	ug/L		04/16/13 15:30	04/17/13 17:17	1
2-Methylphenol	<0.458		9.43	0.458	ug/L		04/16/13 15:30	04/17/13 17:17	1
3 & 4 Methylphenol	<0.831		18.9	0.831	ug/L		04/16/13 15:30	04/17/13 17:17	1
N-Nitrosodi-n-propylamine	<0.613		9.43	0.613	ug/L		04/16/13 15:30	04/17/13 17:17	1
Hexachloroethane	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 17:17	1
Nitrobenzene	<0.317		9.43	0.317	ug/L		04/16/13 15:30	04/17/13 17:17	1
Isophorone	<0.591		9.43	0.591	ug/L		04/16/13 15:30	04/17/13 17:17	1
2-Nitrophenol	<0.385		9.43	0.385	ug/L		04/16/13 15:30	04/17/13 17:17	1
2,4-Dimethylphenol	<0.528		9.43	0.528	ug/L		04/16/13 15:30	04/17/13 17:17	1
Bis(2-chloroethoxy)methane	<0.559		9.43	0.559	ug/L		04/16/13 15:30	04/17/13 17:17	1
2,4-Dichlorophenol	<0.365		9.43	0.365	ug/L		04/16/13 15:30	04/17/13 17:17	1
1,2,4-Trichlorobenzene	<0.552		9.43	0.552	ug/L		04/16/13 15:30	04/17/13 17:17	1
Naphthalene	<0.450		9.43	0.450	ug/L		04/16/13 15:30	04/17/13 17:17	1
4-Chloroaniline	<0.430		9.43	0.430	ug/L		04/16/13 15:30	04/17/13 17:17	1
Hexachlorobutadiene	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 17:17	1
4-Chloro-3-methylphenol	<0.470		9.43	0.470	ug/L		04/16/13 15:30	04/17/13 17:17	1
2-Methylnaphthalene	<0.405		9.43	0.405	ug/L		04/16/13 15:30	04/17/13 17:17	1
Hexachlorocyclopentadiene	<4.72		9.43	4.72	ug/L		04/16/13 15:30	04/17/13 17:17	1
2,4,6-Trichlorophenol	<0.371		9.43	0.371	ug/L		04/16/13 15:30	04/17/13 17:17	1
2,4,5-Trichlorophenol	<0.374		9.43	0.374	ug/L		04/16/13 15:30	04/17/13 17:17	1
2-Chloronaphthalene	<0.469		9.43	0.469	ug/L		04/16/13 15:30	04/17/13 17:17	1
2-Nitroaniline	<0.418		9.43	0.418	ug/L		04/16/13 15:30	04/17/13 17:17	1
Dimethyl phthalate	<0.518		9.43	0.518	ug/L		04/16/13 15:30	04/17/13 17:17	1
Acenaphthylene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
2,6-Dinitrotoluene	<0.492		9.43	0.492	ug/L		04/16/13 15:30	04/17/13 17:17	1
3-Nitroaniline	<1.69		9.43	1.69	ug/L		04/16/13 15:30	04/17/13 17:17	1
Acenaphthene	<0.537		9.43	0.537	ug/L		04/16/13 15:30	04/17/13 17:17	1
2,4-Dinitrophenol	<0.875		9.43	0.875	ug/L		04/16/13 15:30	04/17/13 17:17	1
4-Nitrophenol	<1.67		9.43	1.67	ug/L		04/16/13 15:30	04/17/13 17:17	1
Dibenzofuran	<0.485		9.43	0.485	ug/L		04/16/13 15:30	04/17/13 17:17	1
2,4-Dinitrotoluene	<0.361		9.43	0.361	ug/L		04/16/13 15:30	04/17/13 17:17	1
Diethyl phthalate	<0.494		9.43	0.494	ug/L		04/16/13 15:30	04/17/13 17:17	1
Fluorene	<0.574		9.43	0.574	ug/L		04/16/13 15:30	04/17/13 17:17	1
4-Chlorophenyl phenyl ether	<0.494		9.43	0.494	ug/L		04/16/13 15:30	04/17/13 17:17	1
4-Nitroaniline	<1.38		9.43	1.38	ug/L		04/16/13 15:30	04/17/13 17:17	1
4,6-Dinitro-2-methylphenol	<1.72		9.43	1.72	ug/L		04/16/13 15:30	04/17/13 17:17	1
N-Nitrosodiphenylamine	<0.480		9.43	0.480	ug/L		04/16/13 15:30	04/17/13 17:17	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: HCS 140 FD

Lab Sample ID: 560-39287-7

Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.701		9.43	0.701	ug/L		04/16/13 15:30	04/17/13 17:17	1
Hexachlorobenzene	<0.615		9.43	0.615	ug/L		04/16/13 15:30	04/17/13 17:17	1
Phenanthrene	<0.485		9.43	0.485	ug/L		04/16/13 15:30	04/17/13 17:17	1
Anthracene	<0.381		9.43	0.381	ug/L		04/16/13 15:30	04/17/13 17:17	1
Di-n-butyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Fluoranthene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Pyrene	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 17:17	1
Butyl benzyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Benzo[a]anthracene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Chrysene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Bis(2-ethylhexyl) phthalate	<1.78		9.43	1.78	ug/L		04/16/13 15:30	04/17/13 17:17	1
Di-n-octyl phthalate	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Benzo[b]fluoranthene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Benzo[k]fluoranthene	<0.343		9.43	0.343	ug/L		04/16/13 15:30	04/17/13 17:17	1
Benzo[a]pyrene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Indeno[1,2,3-cd]pyrene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Dibenz(a,h)anthracene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
Benzo[g,h,i]perylene	<0.472		9.43	0.472	ug/L		04/16/13 15:30	04/17/13 17:17	1
3,3'-Dichlorobenzidine	<0.943		9.43	0.943	ug/L		04/16/13 15:30	04/17/13 17:17	1
Pentachlorophenol	<4.72		9.43	4.72	ug/L		04/16/13 15:30	04/17/13 17:17	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene-d4	64.2	T J N	ug/L		5.29	3855-82-1	04/16/13 15:30	04/17/13 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	65		10 - 130	04/16/13 15:30	04/17/13 17:17	1
Phenol-d5	65		10 - 130	04/16/13 15:30	04/17/13 17:17	1
Nitrobenzene-d5	77		27 - 130	04/16/13 15:30	04/17/13 17:17	1
2-Fluorobiphenyl	76		23 - 130	04/16/13 15:30	04/17/13 17:17	1
2,4,6-Tribromophenol	84		18 - 130	04/16/13 15:30	04/17/13 17:17	1
Terphenyl-d14	62		10 - 141	04/16/13 15:30	04/17/13 17:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00279		0.0481	0.00279	ug/L		04/18/13 15:00	04/23/13 18:45	1
4,4'-DDE	<0.00250		0.0481	0.00250	ug/L		04/18/13 15:00	04/23/13 18:45	1
4,4'-DDT	<0.00327		0.0481	0.00327	ug/L		04/18/13 15:00	04/23/13 18:45	1
Aldrin	<0.00240		0.0481	0.00240	ug/L		04/18/13 15:00	04/23/13 18:45	1
alpha-BHC	<0.00538		0.0481	0.00538	ug/L		04/18/13 15:00	04/23/13 18:45	1
alpha-Chlordane	<0.00365		0.0481	0.00365	ug/L		04/18/13 15:00	04/23/13 18:45	1
beta-BHC	<0.00538		0.0481	0.00538	ug/L		04/18/13 15:00	04/23/13 18:45	1
Chlordane (technical)	<0.0298		0.481	0.0298	ug/L		04/18/13 15:00	04/23/13 18:45	1
delta-BHC	<0.00240		0.0481	0.00240	ug/L		04/18/13 15:00	04/23/13 18:45	1
Dieldrin	<0.00798		0.0481	0.00798	ug/L		04/18/13 15:00	04/23/13 18:45	1
Endosulfan I	<0.00856		0.0481	0.00856	ug/L		04/18/13 15:00	04/23/13 18:45	1
Endosulfan II	<0.00337		0.0481	0.00337	ug/L		04/18/13 15:00	04/23/13 18:45	1
Endosulfan sulfate	<0.00375		0.0481	0.00375	ug/L		04/18/13 15:00	04/23/13 18:45	1
Endrin	<0.00240		0.0481	0.00240	ug/L		04/18/13 15:00	04/23/13 18:45	1
Endrin aldehyde	<0.00423		0.0481	0.00423	ug/L		04/18/13 15:00	04/23/13 18:45	1
Endrin ketone	<0.00702		0.0481	0.00702	ug/L		04/18/13 15:00	04/23/13 18:45	1

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TestAmerica Job ID: 560-39287-1

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Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	<0.00260		0.0481	0.00260	ug/L		04/18/13 15:00	04/23/13 18:45	1
gamma-Chlordane	<0.00452		0.0481	0.00452	ug/L		04/18/13 15:00	04/23/13 18:45	1
Heptachlor	<0.00567		0.0481	0.00567	ug/L		04/18/13 15:00	04/23/13 18:45	1
Heptachlor epoxide	<0.00269		0.0481	0.00269	ug/L		04/18/13 15:00	04/23/13 18:45	1
Methoxychlor	<0.0223		0.0481	0.0223	ug/L		04/18/13 15:00	04/23/13 18:45	1
Toxaphene	<0.276		0.962	0.276	ug/L		04/18/13 15:00	04/23/13 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		10 - 152	04/18/13 15:00	04/23/13 18:45	1
Tetrachloro-m-xylene	78		57 - 127	04/18/13 15:00	04/23/13 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1221	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1232	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1242	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1248	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1254	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1260	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1262	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1
Aroclor 1268	<0.481		0.962	0.481	ug/L		04/18/13 13:00	04/22/13 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		25 - 140	04/18/13 13:00	04/22/13 13:16	1
DCB Decachlorobiphenyl	70		42 - 133	04/18/13 13:00	04/22/13 13:16	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 15:23	1
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 15:23	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:23	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 15:23	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 15:23	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 15:23	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:23	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 15:23	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 15:23	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 15:23	1
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 15:23	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:23	1
Fensulfthion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 15:23	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:23	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 15:23	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:23	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 15:23	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 15:23	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 15:23	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 15:23	1
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 15:23	1

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Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 15:23	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 15:23	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:23	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 15:23	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 15:23	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 15:23	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 15:23	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Triphenylphosphate	108		37 - 139				04/18/13 18:17	04/22/13 15:23	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0605		0.488	0.0605	ug/L		04/18/13 08:00	04/19/13 20:52	1
2,4-D	<0.0361		0.488	0.0361	ug/L		04/18/13 08:00	04/19/13 20:52	1
2,4-DB	<0.146		0.488	0.146	ug/L		04/18/13 08:00	04/19/13 20:52	1
Dalapon	<0.0976		9.76	0.0976	ug/L		04/18/13 08:00	04/19/13 20:52	1
Dicamba	<0.0829		0.488	0.0829	ug/L		04/18/13 08:00	04/19/13 20:52	1
Dichlorprop	<0.146		0.488	0.146	ug/L		04/18/13 08:00	04/19/13 20:52	1
Dinoseb	<0.156		5.85	0.156	ug/L		04/18/13 08:00	04/19/13 20:52	1
MCPA	<16.6		117	16.6	ug/L		04/18/13 08:00	04/19/13 20:52	1
Pentachlorophenol	<0.0361		0.244	0.0361	ug/L		04/18/13 08:00	04/19/13 20:52	1
Silvex (2,4,5-TP)	<0.0605		0.488	0.0605	ug/L		04/18/13 08:00	04/19/13 20:52	1
Mecoprop	<18.5		117	18.5	ug/L		04/18/13 08:00	04/19/13 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCAA	78	p	52 - 151				04/18/13 08:00	04/19/13 20:52	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	5470		500	70.7	ug/L		04/16/13 13:50	04/19/13 13:52	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	78.5		0.500	0.198	mg/L		04/16/13 13:50	04/26/13 20:18	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 20:18	1
Arsenic	<1.09		5.00	1.09	ug/L		04/16/13 13:50	04/26/13 20:18	1
Potassium	1.21		1.00	0.407	mg/L		04/16/13 13:50	04/26/13 20:18	1
Barium	55.1		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 20:18	1
Magnesium	16.1		0.500	0.113	mg/L		04/16/13 13:50	04/26/13 20:18	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/29/13 13:27	1
Sodium	11.6		1.00	0.727	mg/L		04/16/13 13:50	04/26/13 20:18	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 20:18	1
Strontium	662		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 20:18	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 20:18	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 20:18	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 20:18	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 20:18	1
Lead	1.43	J	5.00	0.733	ug/L		04/16/13 13:50	04/26/13 20:18	1
Selenium	1.31	J	5.00	1.08	ug/L		04/16/13 13:50	04/29/13 13:27	1

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Date Collected: 04/15/13 11:15

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 20:18	1
Zinc	<3.55		25.0	3.55	ug/L		04/16/13 13:50	04/26/13 20:18	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 20:18	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 20:18	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 20:18	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		04/19/13 08:10	04/19/13 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			04/16/13 17:16	1
Chloride	19.8		1.00	0.192	mg/L			04/16/13 17:16	1
Nitrate as N	1.78		0.500	0.103	mg/L			04/16/13 17:16	1
Sulfate	27.6		1.00	0.377	mg/L			04/16/13 17:16	1
Fluoride	0.234		0.100	0.0200	mg/L			04/22/13 08:45	1
Nitrogen, Kjeldahl	1.51	B	1.00	0.432	mg/L			04/24/13 14:18	1
Phosphorus	<0.0410		0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:33	1
Total Organic Carbon	0.328	J B	1.00	0.285	mg/L			04/18/13 16:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.59	HF	0.100	0.100	SU			04/16/13 16:30	1
Total Alkalinity as CaCO3	234		5.00	5.00	mg/L			04/17/13 13:00	1
Bicarbonate Alkalinity as CaCO3	234		5.00	5.00	mg/L			04/17/13 13:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Total Dissolved Solids	324		10.0	10.0	mg/L			04/18/13 15:00	1
Total Suspended Solids	<3.00		3.00	3.00	mg/L			04/17/13 12:15	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.80	H	1.00	0.285	mg/L			04/30/13 09:29	1

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

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			04/16/13 19:30	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 19:30	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 19:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 19:30	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 19:30	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 19:30	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 19:30	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 19:30	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 19:30	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 19:30	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 19:30	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 19:30	1

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Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 19:30	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 19:30	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 19:30	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 19:30	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 19:30	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 19:30	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 19:30	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 19:30	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 19:30	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 19:30	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 19:30	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 19:30	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 19:30	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 19:30	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 19:30	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 19:30	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 19:30	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 19:30	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 19:30	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 19:30	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 19:30	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 19:30	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 19:30	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 19:30	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 19:30	1
Benzyl chloride	<0.278 *		5.00	0.278	ug/L			04/16/13 19:30	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 19:30	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 19:30	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 19:30	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 19:30	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 19:30	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 19:30	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 19:30	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 19:30	1
Chloroethane	<0.400		5.00	0.400	ug/L			04/16/13 19:30	1
Chloroform	<0.173		1.00	0.173	ug/L			04/16/13 19:30	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 19:30	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 19:30	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 19:30	1
cis-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 19:30	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 19:30	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 19:30	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 19:30	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 19:30	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 19:30	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 19:30	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			04/16/13 19:30	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 19:30	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 19:30	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 19:30	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 19:30	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 19:30	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 19:30	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 19:30	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 19:30	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 19:30	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 19:30	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 19:30	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 19:30	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 19:30	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 19:30	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 19:30	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 19:30	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 19:30	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 19:30	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 19:30	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 19:30	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 19:30	1
Toluene	0.911 J		1.00	0.300	ug/L			04/16/13 19:30	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 19:30	1
trans-1,4-Dichloro-2-butene	<0.500 *		5.00	0.500	ug/L			04/16/13 19:30	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 19:30	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 19:30	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 19:30	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 19:30	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 19:30	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					04/16/13 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		04/16/13 19:30	1
4-Bromofluorobenzene (Surr)	92		70 - 130		04/16/13 19:30	1
Dibromofluoromethane (Surr)	101		70 - 130		04/16/13 19:30	1
Toluene-d8 (Surr)	102		70 - 130		04/16/13 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 17:42	1
Bis(2-chloroethyl)ether	<0.705		10.0	0.705	ug/L		04/16/13 15:30	04/17/13 17:42	1
2-Chlorophenol	<0.361		10.0	0.361	ug/L		04/16/13 15:30	04/17/13 17:42	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<2.00		10.0	2.00	ug/L		04/16/13 15:30	04/17/13 17:42	1
1,4-Dichlorobenzene	<0.740		10.0	0.740	ug/L		04/16/13 15:30	04/17/13 17:42	1
Benzyl alcohol	<1.36		10.0	1.36	ug/L		04/16/13 15:30	04/17/13 17:42	1
1,2-Dichlorobenzene	<0.503		10.0	0.503	ug/L		04/16/13 15:30	04/17/13 17:42	1
2-Methylphenol	<0.486		10.0	0.486	ug/L		04/16/13 15:30	04/17/13 17:42	1
3 & 4 Methylphenol	<0.881		20.0	0.881	ug/L		04/16/13 15:30	04/17/13 17:42	1
N-Nitrosodi-n-propylamine	<0.650		10.0	0.650	ug/L		04/16/13 15:30	04/17/13 17:42	1
Hexachloroethane	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 17:42	1
Nitrobenzene	<0.336		10.0	0.336	ug/L		04/16/13 15:30	04/17/13 17:42	1
Isophorone	<0.626		10.0	0.626	ug/L		04/16/13 15:30	04/17/13 17:42	1
2-Nitrophenol	<0.408		10.0	0.408	ug/L		04/16/13 15:30	04/17/13 17:42	1
2,4-Dimethylphenol	<0.560		10.0	0.560	ug/L		04/16/13 15:30	04/17/13 17:42	1
Bis(2-chloroethoxy)methane	<0.593		10.0	0.593	ug/L		04/16/13 15:30	04/17/13 17:42	1
2,4-Dichlorophenol	<0.387		10.0	0.387	ug/L		04/16/13 15:30	04/17/13 17:42	1
1,2,4-Trichlorobenzene	<0.585		10.0	0.585	ug/L		04/16/13 15:30	04/17/13 17:42	1
Naphthalene	<0.477		10.0	0.477	ug/L		04/16/13 15:30	04/17/13 17:42	1
4-Chloroaniline	<0.456		10.0	0.456	ug/L		04/16/13 15:30	04/17/13 17:42	1
Hexachlorobutadiene	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 17:42	1
4-Chloro-3-methylphenol	<0.498		10.0	0.498	ug/L		04/16/13 15:30	04/17/13 17:42	1
2-Methylnaphthalene	<0.429		10.0	0.429	ug/L		04/16/13 15:30	04/17/13 17:42	1
Hexachlorocyclopentadiene	<5.00		10.0	5.00	ug/L		04/16/13 15:30	04/17/13 17:42	1
2,4,6-Trichlorophenol	<0.393		10.0	0.393	ug/L		04/16/13 15:30	04/17/13 17:42	1
2,4,5-Trichlorophenol	<0.396		10.0	0.396	ug/L		04/16/13 15:30	04/17/13 17:42	1
2-Chloronaphthalene	<0.497		10.0	0.497	ug/L		04/16/13 15:30	04/17/13 17:42	1
2-Nitroaniline	<0.443		10.0	0.443	ug/L		04/16/13 15:30	04/17/13 17:42	1
Dimethyl phthalate	<0.549		10.0	0.549	ug/L		04/16/13 15:30	04/17/13 17:42	1
Acenaphthylene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
2,6-Dinitrotoluene	<0.522		10.0	0.522	ug/L		04/16/13 15:30	04/17/13 17:42	1
3-Nitroaniline	<1.79		10.0	1.79	ug/L		04/16/13 15:30	04/17/13 17:42	1
Acenaphthene	<0.569		10.0	0.569	ug/L		04/16/13 15:30	04/17/13 17:42	1
2,4-Dinitrophenol	<0.928		10.0	0.928	ug/L		04/16/13 15:30	04/17/13 17:42	1
4-Nitrophenol	<1.77		10.0	1.77	ug/L		04/16/13 15:30	04/17/13 17:42	1
Dibenzofuran	<0.514		10.0	0.514	ug/L		04/16/13 15:30	04/17/13 17:42	1
2,4-Dinitrotoluene	<0.383		10.0	0.383	ug/L		04/16/13 15:30	04/17/13 17:42	1
Diethyl phthalate	<0.524		10.0	0.524	ug/L		04/16/13 15:30	04/17/13 17:42	1
Fluorene	<0.608		10.0	0.608	ug/L		04/16/13 15:30	04/17/13 17:42	1
4-Chlorophenyl phenyl ether	<0.524		10.0	0.524	ug/L		04/16/13 15:30	04/17/13 17:42	1
4-Nitroaniline	<1.46		10.0	1.46	ug/L		04/16/13 15:30	04/17/13 17:42	1
4,6-Dinitro-2-methylphenol	<1.82		10.0	1.82	ug/L		04/16/13 15:30	04/17/13 17:42	1
N-Nitrosodiphenylamine	<0.509		10.0	0.509	ug/L		04/16/13 15:30	04/17/13 17:42	1
4-Bromophenyl phenyl ether	<0.743		10.0	0.743	ug/L		04/16/13 15:30	04/17/13 17:42	1
Hexachlorobenzene	<0.652		10.0	0.652	ug/L		04/16/13 15:30	04/17/13 17:42	1
Phenanthrene	<0.514		10.0	0.514	ug/L		04/16/13 15:30	04/17/13 17:42	1
Anthracene	<0.404		10.0	0.404	ug/L		04/16/13 15:30	04/17/13 17:42	1
Di-n-butyl phthalate	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Fluoranthene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Pyrene	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 17:42	1
Butyl benzyl phthalate	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Benzo[a]anthracene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Bis(2-ethylhexyl) phthalate	<1.89		10.0	1.89	ug/L		04/16/13 15:30	04/17/13 17:42	1
Di-n-octyl phthalate	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Benzo[b]fluoranthene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Benzo[k]fluoranthene	<0.364		10.0	0.364	ug/L		04/16/13 15:30	04/17/13 17:42	1
Benzo[a]pyrene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Indeno[1,2,3-cd]pyrene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Dibenz(a,h)anthracene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
Benzo[g,h,i]perylene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 17:42	1
3,3'-Dichlorobenzidine	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 17:42	1
Pentachlorophenol	<5.00		10.0	5.00	ug/L		04/16/13 15:30	04/17/13 17:42	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
unused surrogate	97.8	T J	ug/L		4.88		04/16/13 15:30	04/17/13 17:42	1
unused surrogate	70.2	T J	ug/L		5.30		04/16/13 15:30	04/17/13 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	68		10 - 130	04/16/13 15:30	04/17/13 17:42	1
Phenol-d5	70		10 - 130	04/16/13 15:30	04/17/13 17:42	1
Nitrobenzene-d5	80		27 - 130	04/16/13 15:30	04/17/13 17:42	1
2-Fluorobiphenyl	79		23 - 130	04/16/13 15:30	04/17/13 17:42	1
2,4,6-Tribromophenol	85		18 - 130	04/16/13 15:30	04/17/13 17:42	1
Terphenyl-d14	67		10 - 141	04/16/13 15:30	04/17/13 17:42	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00290		0.0500	0.00290	ug/L		04/18/13 15:00	04/23/13 19:10	1
4,4'-DDE	<0.00260		0.0500	0.00260	ug/L		04/18/13 15:00	04/23/13 19:10	1
4,4'-DDT	<0.00340		0.0500	0.00340	ug/L		04/18/13 15:00	04/23/13 19:10	1
Aldrin	<0.00250		0.0500	0.00250	ug/L		04/18/13 15:00	04/23/13 19:10	1
alpha-BHC	<0.00560		0.0500	0.00560	ug/L		04/18/13 15:00	04/23/13 19:10	1
alpha-Chlordane	<0.00380		0.0500	0.00380	ug/L		04/18/13 15:00	04/23/13 19:10	1
beta-BHC	<0.00560		0.0500	0.00560	ug/L		04/18/13 15:00	04/23/13 19:10	1
Chlordane (technical)	<0.0310		0.500	0.0310	ug/L		04/18/13 15:00	04/23/13 19:10	1
delta-BHC	<0.00250		0.0500	0.00250	ug/L		04/18/13 15:00	04/23/13 19:10	1
Dieldrin	<0.00830		0.0500	0.00830	ug/L		04/18/13 15:00	04/23/13 19:10	1
Endosulfan I	<0.00890		0.0500	0.00890	ug/L		04/18/13 15:00	04/23/13 19:10	1
Endosulfan II	<0.00350		0.0500	0.00350	ug/L		04/18/13 15:00	04/23/13 19:10	1
Endosulfan sulfate	<0.00390		0.0500	0.00390	ug/L		04/18/13 15:00	04/23/13 19:10	1
Endrin	<0.00250		0.0500	0.00250	ug/L		04/18/13 15:00	04/23/13 19:10	1
Endrin aldehyde	<0.00440		0.0500	0.00440	ug/L		04/18/13 15:00	04/23/13 19:10	1
Endrin ketone	<0.00730		0.0500	0.00730	ug/L		04/18/13 15:00	04/23/13 19:10	1
gamma-BHC (Lindane)	<0.00270		0.0500	0.00270	ug/L		04/18/13 15:00	04/23/13 19:10	1
gamma-Chlordane	<0.00470		0.0500	0.00470	ug/L		04/18/13 15:00	04/23/13 19:10	1
Heptachlor	<0.00590		0.0500	0.00590	ug/L		04/18/13 15:00	04/23/13 19:10	1
Heptachlor epoxide	<0.00280		0.0500	0.00280	ug/L		04/18/13 15:00	04/23/13 19:10	1
Methoxychlor	<0.0232		0.0500	0.0232	ug/L		04/18/13 15:00	04/23/13 19:10	1
Toxaphene	<0.287		1.00	0.287	ug/L		04/18/13 15:00	04/23/13 19:10	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		10 - 152	04/18/13 15:00	04/23/13 19:10	1
Tetrachloro-m-xylene	80		57 - 127	04/18/13 15:00	04/23/13 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1221	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1232	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1242	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1248	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1254	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1260	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1262	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1
Aroclor 1268	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		25 - 140	04/18/13 13:00	04/22/13 13:31	1
DCB Decachlorobiphenyl	57		42 - 133	04/18/13 13:00	04/22/13 13:31	1

Method: 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 15:08	1
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 15:08	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:08	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 15:08	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 15:08	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 15:08	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:08	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 15:08	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 15:08	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 15:08	1
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 15:08	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:08	1
Fensulfothion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 15:08	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:08	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 15:08	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:08	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 15:08	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 15:08	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 15:08	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 15:08	1
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 15:08	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 15:08	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 15:08	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 15:08	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 15:08	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 15:08	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 15:08	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 15:08	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 15:08	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	101		37 - 139	04/18/13 18:17	04/22/13 15:08	1

Method: 8151A - Herbicides (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.0642		0.518	0.0642	ug/L		04/18/13 08:00	04/19/13 21:09	1
2,4-D	<0.0383		0.518	0.0383	ug/L		04/18/13 08:00	04/19/13 21:09	1
2,4-DB	<0.155		0.518	0.155	ug/L		04/18/13 08:00	04/19/13 21:09	1
Dalapon	<0.104		10.4	0.104	ug/L		04/18/13 08:00	04/19/13 21:09	1
Dicamba	<0.0881		0.518	0.0881	ug/L		04/18/13 08:00	04/19/13 21:09	1
Dichlorprop	<0.155		0.518	0.155	ug/L		04/18/13 08:00	04/19/13 21:09	1
Dinoseb	<0.166		6.22	0.166	ug/L		04/18/13 08:00	04/19/13 21:09	1
MCPA	<17.6		124	17.6	ug/L		04/18/13 08:00	04/19/13 21:09	1
Pentachlorophenol	<0.0383		0.259	0.0383	ug/L		04/18/13 08:00	04/19/13 21:09	1
Silvex (2,4,5-TP)	<0.0642		0.518	0.0642	ug/L		04/18/13 08:00	04/19/13 21:09	1
Mecoprop	<19.7		124	19.7	ug/L		04/18/13 08:00	04/19/13 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	76	p	52 - 151	04/18/13 08:00	04/19/13 21:09	1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	<70.7		500	70.7	ug/L		04/16/13 13:50	04/19/13 13:56	1

Method: 6020 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.198		0.500	0.198	mg/L		04/16/13 13:50	04/26/13 20:24	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 20:24	1
Arsenic	<1.09		5.00	1.09	ug/L		04/16/13 13:50	04/26/13 20:24	1
Potassium	<0.407		1.00	0.407	mg/L		04/16/13 13:50	04/26/13 20:24	1
Barium	<0.810		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 20:24	1
Magnesium	<0.113		0.500	0.113	mg/L		04/16/13 13:50	04/26/13 20:24	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/29/13 13:50	1
Sodium	<0.727		1.00	0.727	mg/L		04/16/13 13:50	04/26/13 20:24	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 20:24	1
Strontium	<0.768		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 20:24	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 20:24	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 20:24	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 20:24	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 20:24	1
Lead	1.20	J	5.00	0.733	ug/L		04/16/13 13:50	04/26/13 20:24	1
Selenium	<1.08		5.00	1.08	ug/L		04/16/13 13:50	04/29/13 13:50	1
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 20:24	1
Zinc	<3.55		25.0	3.55	ug/L		04/16/13 13:50	04/26/13 20:24	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 20:24	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 20:24	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 20:24	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		04/19/13 08:10	04/19/13 14:05	1

TestAmerica Corpus Christi

Client Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Client Sample ID: EB

Lab Sample ID: 560-39287-8

Date Collected: 04/15/13 11:30

Matrix: Water

Date Received: 04/16/13 07:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<0.315		1.00	0.315	mg/L			04/16/13 17:38	1
Chloride	<0.192		1.00	0.192	mg/L			04/16/13 17:38	1
Nitrate as N	<0.103		0.500	0.103	mg/L			04/16/13 17:38	1
Sulfate	<0.377		1.00	0.377	mg/L			04/16/13 17:38	1
Fluoride	<0.0200		0.100	0.0200	mg/L			04/22/13 08:45	1
Nitrogen, Kjeldahl	0.625	J B	1.00	0.432	mg/L			04/24/13 14:19	1
Phosphorus	<0.0410		0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:34	1
Total Organic Carbon	<0.285		1.00	0.285	mg/L			04/18/13 16:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.87	HF	0.100	0.100	SU			04/16/13 16:30	1
Total Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Bicarbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Carbonate Alkalinity as CaCO3	<5.00		5.00	5.00	mg/L			04/17/13 13:00	1
Total Dissolved Solids	18.0		10.0	10.0	mg/L			04/18/13 15:00	1
Total Suspended Solids	<3.00		3.00	3.00	mg/L			04/17/13 12:15	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	0.881	J H	1.00	0.285	mg/L			04/30/13 09:29	1

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86697/8

Matrix: Water

Analysis Batch: 86697

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			04/16/13 12:24	1
1,1,1-Trichloroethane	<0.300		1.00	0.300	ug/L			04/16/13 12:24	1
1,1,2,2-Tetrachloroethane	<0.190		1.00	0.190	ug/L			04/16/13 12:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.278		1.00	0.278	ug/L			04/16/13 12:24	1
1,1,2-Trichloroethane	<0.173		1.00	0.173	ug/L			04/16/13 12:24	1
1,1-Dichloroethane	<0.168		1.00	0.168	ug/L			04/16/13 12:24	1
1,1-Dichloroethene	<0.300		1.00	0.300	ug/L			04/16/13 12:24	1
1,1-Dichloropropene	<0.185		1.00	0.185	ug/L			04/16/13 12:24	1
1,2,3-Trichlorobenzene	<0.217		5.00	0.217	ug/L			04/16/13 12:24	1
1,2,3-Trichloropropane	<0.191		1.00	0.191	ug/L			04/16/13 12:24	1
1,2,4-Trichlorobenzene	<0.168		5.00	0.168	ug/L			04/16/13 12:24	1
1,2,4-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 12:24	1
1,2-Dibromo-3-Chloropropane	<0.349		5.00	0.349	ug/L			04/16/13 12:24	1
1,2-Dichlorobenzene	<0.117		1.00	0.117	ug/L			04/16/13 12:24	1
1,2-Dichloroethane	<0.160		1.00	0.160	ug/L			04/16/13 12:24	1
1,2-Dichloroethene, Total	<0.200		2.00	0.200	ug/L			04/16/13 12:24	1
1,2-Dichloropropane	<0.173		1.00	0.173	ug/L			04/16/13 12:24	1
1,3,5-Trichlorobenzene	<0.203		5.00	0.203	ug/L			04/16/13 12:24	1
1,3,5-Trimethylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 12:24	1
1,3-Butadiene	<0.300		1.00	0.300	ug/L			04/16/13 12:24	1
1,3-Dichlorobenzene	<0.128		1.00	0.128	ug/L			04/16/13 12:24	1
1,3-Dichloropropane	<0.146		1.00	0.146	ug/L			04/16/13 12:24	1
1,4-Dichlorobenzene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
1,4-Dioxane	<7.46		100	7.46	ug/L			04/16/13 12:24	1
1-Chlorohexane	<0.500		5.00	0.500	ug/L			04/16/13 12:24	1
1-Octene	<0.440		5.00	0.440	ug/L			04/16/13 12:24	1
2,2-Dichloropropane	<0.335		1.00	0.335	ug/L			04/16/13 12:24	1
2-Butanone (MEK)	<1.00		20.0	1.00	ug/L			04/16/13 12:24	1
2-Chloro-1,3-butadiene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
2-Chlorotoluene	<0.155		1.00	0.155	ug/L			04/16/13 12:24	1
2-Hexanone	<0.200		5.00	0.200	ug/L			04/16/13 12:24	1
2-Nitropropane	<0.225		5.00	0.225	ug/L			04/16/13 12:24	1
3-Chloro-1-propene	<0.421		1.00	0.421	ug/L			04/16/13 12:24	1
4-Chlorotoluene	<0.242		1.00	0.242	ug/L			04/16/13 12:24	1
4-Isopropyltoluene	<0.150		1.00	0.150	ug/L			04/16/13 12:24	1
4-Methyl-2-pentanone (MIBK)	<0.116		5.00	0.116	ug/L			04/16/13 12:24	1
Acetone	<5.00		10.0	5.00	ug/L			04/16/13 12:24	1
Acetonitrile	<10.0		50.0	10.0	ug/L			04/16/13 12:24	1
Benzene	<0.140		1.00	0.140	ug/L			04/16/13 12:24	1
Benzyl chloride	<0.278		5.00	0.278	ug/L			04/16/13 12:24	1
Bromobenzene	<0.128		1.00	0.128	ug/L			04/16/13 12:24	1
Bromochloromethane	<0.228		1.00	0.228	ug/L			04/16/13 12:24	1
Bromoform	<0.500		5.00	0.500	ug/L			04/16/13 12:24	1
Bromomethane	<0.392		5.00	0.392	ug/L			04/16/13 12:24	1
Carbon disulfide	<0.500		5.00	0.500	ug/L			04/16/13 12:24	1
Carbon tetrachloride	<0.251		1.00	0.251	ug/L			04/16/13 12:24	1
Chlorobenzene	<0.136		1.00	0.136	ug/L			04/16/13 12:24	1
Chlorodibromomethane	<0.223		1.00	0.223	ug/L			04/16/13 12:24	1

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86697/8

Matrix: Water

Analysis Batch: 86697

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			04/16/13 12:24	1
Chloroform	<0.173		1.00	0.173	ug/L			04/16/13 12:24	1
Chloromethane	<0.390		5.00	0.390	ug/L			04/16/13 12:24	1
cis-1,2-Dichloroethene	<0.121		1.00	0.121	ug/L			04/16/13 12:24	1
cis-1,3-Dichloropropene	<0.146		1.00	0.146	ug/L			04/16/13 12:24	1
cis-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			04/16/13 12:24	1
Cyclohexane	<1.00		2.00	1.00	ug/L			04/16/13 12:24	1
Cyclohexanone	<5.00		50.0	5.00	ug/L			04/16/13 12:24	1
Dibromomethane	<0.165		1.00	0.165	ug/L			04/16/13 12:24	1
Dichlorobromomethane	<0.175		1.00	0.175	ug/L			04/16/13 12:24	1
Dichlorodifluoromethane	<0.429		5.00	0.429	ug/L			04/16/13 12:24	1
EDB	<0.150		1.00	0.150	ug/L			04/16/13 12:24	1
Ethyl acetate	<1.00		5.00	1.00	ug/L			04/16/13 12:24	1
Ethyl ether	<0.135		1.00	0.135	ug/L			04/16/13 12:24	1
Ethyl methacrylate	<0.500		5.00	0.500	ug/L			04/16/13 12:24	1
Ethylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
Ethylene oxide	<9.20		20.0	9.20	ug/L			04/16/13 12:24	1
Hexachlorobutadiene	<0.860		5.00	0.860	ug/L			04/16/13 12:24	1
Hexane	<2.00		5.00	2.00	ug/L			04/16/13 12:24	1
Iodomethane	<0.223		2.00	0.223	ug/L			04/16/13 12:24	1
Isobutyl alcohol	<3.39		20.0	3.39	ug/L			04/16/13 12:24	1
Isooctane	<0.500		5.00	0.500	ug/L			04/16/13 12:24	1
Isopropylbenzene	<0.200		5.00	0.200	ug/L			04/16/13 12:24	1
Methacrylonitrile	<1.55		10.0	1.55	ug/L			04/16/13 12:24	1
Methyl methacrylate	<0.196		5.00	0.196	ug/L			04/16/13 12:24	1
Methyl tert-butyl ether	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
Methylene Chloride	<2.00		5.00	2.00	ug/L			04/16/13 12:24	1
m-Xylene & p-Xylene	<0.260		2.00	0.260	ug/L			04/16/13 12:24	1
Naphthalene	<0.200		5.00	0.200	ug/L			04/16/13 12:24	1
n-Butylbenzene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
n-Heptane	<0.300		5.00	0.300	ug/L			04/16/13 12:24	1
N-Propylbenzene	<0.106		1.00	0.106	ug/L			04/16/13 12:24	1
o-Xylene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
Pentachloroethane	<0.302		5.00	0.302	ug/L			04/16/13 12:24	1
Propionitrile	<2.69		10.0	2.69	ug/L			04/16/13 12:24	1
sec-Butylbenzene	<0.300		2.00	0.300	ug/L			04/16/13 12:24	1
Styrene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
tert-Butylbenzene	<0.200		2.00	0.200	ug/L			04/16/13 12:24	1
Tetrachloroethene	<0.189		1.00	0.189	ug/L			04/16/13 12:24	1
Toluene	<0.300		1.00	0.300	ug/L			04/16/13 12:24	1
trans-1,2-Dichloroethene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
trans-1,3-Dichloropropene	<0.200		1.00	0.200	ug/L			04/16/13 12:24	1
trans-1,4-Dichloro-2-butene	<0.500		5.00	0.500	ug/L			04/16/13 12:24	1
Trichloroethene	<0.317		1.00	0.317	ug/L			04/16/13 12:24	1
Trichlorofluoromethane	<0.244		1.00	0.244	ug/L			04/16/13 12:24	1
Vinyl acetate	<0.300		5.00	0.300	ug/L			04/16/13 12:24	1
Vinyl chloride	<0.300		1.00	0.300	ug/L			04/16/13 12:24	1
Xylenes, Total	<0.226		3.00	0.226	ug/L			04/16/13 12:24	1

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86697/8

Matrix: Water

Analysis Batch: 86697

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>MB</i> <i>Est. Result</i>	<i>MB</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>04/16/13 12:24</i>	<i>1</i>
<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	104		70 - 130					04/16/13 12:24	1
4-Bromofluorobenzene (Surr)	93		70 - 130					04/16/13 12:24	1
Dibromofluoromethane (Surr)	105		70 - 130					04/16/13 12:24	1
Toluene-d8 (Surr)	100		70 - 130					04/16/13 12:24	1

Lab Sample ID: LCS 560-86697/3

Matrix: Water

Analysis Batch: 86697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1,2-Tetrachloroethane	25.0	23.70		ug/L		95	70 - 130
1,1,1-Trichloroethane	25.0	23.37		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.66		ug/L		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.18		ug/L		105	51 - 130
1,1,2-Trichloroethane	25.0	25.88		ug/L		104	70 - 130
1,1-Dichloroethane	25.0	24.30		ug/L		97	70 - 130
1,1-Dichloroethene	25.0	24.56		ug/L		98	67 - 130
1,1-Dichloropropene	25.0	23.82		ug/L		95	70 - 130
1,2,3-Trichlorobenzene	25.0	25.53		ug/L		102	59 - 135
1,2,3-Trichloropropane	25.0	23.95		ug/L		96	68 - 132
1,2,4-Trichlorobenzene	25.0	23.68		ug/L		95	62 - 135
1,2,4-Trimethylbenzene	25.0	22.82		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	22.07		ug/L		88	56 - 130
1,2-Dichlorobenzene	25.0	24.25		ug/L		97	70 - 130
1,2-Dichloroethane	25.0	23.90		ug/L		96	68 - 130
1,2-Dichloroethene, Total	50.0	49.76		ug/L		100	70 - 130
1,2-Dichloropropane	25.0	24.78		ug/L		99	70 - 130
1,3,5-Trichlorobenzene	25.0	23.10		ug/L		92	62 - 137
1,3,5-Trimethylbenzene	25.0	22.49		ug/L		90	69 - 130
1,3-Butadiene	25.0	30.57		ug/L		122	31 - 132
1,3-Dichlorobenzene	25.0	24.54		ug/L		98	70 - 130
1,3-Dichloropropane	25.0	25.41		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	24.88		ug/L		100	70 - 130
1,4-Dioxane	500	422.1		ug/L		84	34 - 174
1-Chlorohexane	25.0	24.15		ug/L		97	64 - 130
1-Octene	25.0	22.19		ug/L		89	63 - 134
2,2-Dichloropropane	25.0	20.40		ug/L		82	63 - 141
2-Butanone (MEK)	25.0	24.05		ug/L		96	50 - 158
2-Chloro-1,3-butadiene	25.0	21.06		ug/L		84	55 - 144
2-Chlorotoluene	25.0	23.87		ug/L		95	70 - 130
2-Hexanone	25.0	23.53		ug/L		94	58 - 145
2-Nitropropane	25.0	12.82		ug/L		51	24 - 150
3-Chloro-1-propene	25.0	22.66		ug/L		91	70 - 139
4-Chlorotoluene	25.0	24.06		ug/L		96	70 - 130

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: LCS 560-86697/3

Matrix: Water

Analysis Batch: 86697

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	22.79		ug/L		91	69 - 130
4-Methyl-2-pentanone (MIBK)	24.8	22.30		ug/L		90	62 - 135
Acetone	25.0	26.30		ug/L		105	34 - 197
Acetonitrile	250	201.3		ug/L		81	10 - 200
Benzene	25.0	24.70		ug/L		99	70 - 130
Benzyl chloride	25.0	13.19	*	ug/L		53	56 - 135
Bromobenzene	25.0	23.31		ug/L		93	67 - 130
Bromochloromethane	25.0	26.19		ug/L		105	70 - 130
Bromoform	25.0	25.87		ug/L		103	53 - 130
Bromomethane	25.0	30.18		ug/L		121	57 - 132
Carbon disulfide	25.0	23.74		ug/L		95	70 - 152
Carbon tetrachloride	25.0	21.22		ug/L		85	65 - 129
Chlorobenzene	25.0	24.71		ug/L		99	70 - 130
Chlorodibromomethane	25.0	25.91		ug/L		104	64 - 130
Chloroethane	25.0	28.99		ug/L		116	65 - 133
Chloroform	25.0	25.22		ug/L		101	70 - 130
Chloromethane	25.0	29.62		ug/L		118	54 - 156
cis-1,2-Dichloroethene	25.0	24.16		ug/L		97	70 - 130
cis-1,3-Dichloropropene	25.0	21.57		ug/L		86	65 - 132
cis-1,4-Dichloro-2-butene	25.0	5.406	*	ug/L		22	25 - 156
Cyclohexane	50.0	47.20		ug/L		94	62 - 134
Cyclohexanone	125	157.7		ug/L		126	10 - 200
Dibromomethane	25.0	24.83		ug/L		99	70 - 130
Dichlorobromomethane	25.0	23.93		ug/L		96	70 - 130
Dichlorodifluoromethane	25.0	28.68		ug/L		115	23 - 167
EDB	25.0	24.88		ug/L		100	70 - 130
Ethyl acetate	25.0	26.44		ug/L		106	64 - 139
Ethyl ether	25.0	22.64		ug/L		91	70 - 130
Ethyl methacrylate	25.0	21.12		ug/L		84	66 - 130
Ethylbenzene	25.0	24.55		ug/L		98	70 - 130
Ethylene oxide	100	120.3		ug/L		120	12 - 185
Hexachlorobutadiene	25.0	31.46		ug/L		126	55 - 149
Hexane	25.0	21.67		ug/L		87	60 - 159
Iodomethane	25.0	23.67		ug/L		95	70 - 142
Isobutyl alcohol	500	427.3		ug/L		85	34 - 165
Isooctane	25.0	24.24		ug/L		97	66 - 150
Isopropylbenzene	25.0	23.84		ug/L		95	66 - 130
Methacrylonitrile	250	261.5		ug/L		105	70 - 130
Methyl methacrylate	25.0	21.76		ug/L		87	63 - 130
Methyl tert-butyl ether	25.0	22.13		ug/L		89	69 - 130
Methylene Chloride	25.0	24.93		ug/L		100	70 - 130
m-Xylene & p-Xylene	50.0	48.81		ug/L		98	70 - 130
Naphthalene	25.0	20.55		ug/L		82	68 - 131
n-Butylbenzene	25.0	23.20		ug/L		93	62 - 138
n-Heptane	25.0	21.44		ug/L		86	70 - 150
N-Propylbenzene	25.0	22.93		ug/L		92	51 - 158
o-Xylene	25.0	24.27		ug/L		97	70 - 130
Pentachloroethane	25.0	21.57		ug/L		86	60 - 145

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: LCS 560-86697/3

Matrix: Water

Analysis Batch: 86697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Propionitrile	250	278.0		ug/L		111	50 - 158
sec-Butylbenzene	25.0	23.26		ug/L		93	66 - 130
Styrene	25.0	22.86		ug/L		91	64 - 130
tert-Butylbenzene	25.0	22.62		ug/L		90	66 - 130
Tetrachloroethene	25.0	21.84		ug/L		87	60 - 130
Toluene	25.0	24.01		ug/L		96	70 - 130
trans-1,2-Dichloroethene	25.0	25.60		ug/L		102	70 - 130
trans-1,3-Dichloropropene	25.0	20.43		ug/L		82	56 - 130
trans-1,4-Dichloro-2-butene	25.0	7.030	*	ug/L		28	31 - 142
Trichloroethene	25.0	24.02		ug/L		96	70 - 130
Trichlorofluoromethane	25.0	23.61		ug/L		94	60 - 133
Vinyl acetate	25.0	22.73		ug/L		91	70 - 159
Vinyl chloride	25.0	29.70		ug/L		119	59 - 139
Xylenes, Total	75.0	73.08		ug/L		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	97		70 - 130

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

Lab Sample ID: MB 560-86743/1-A

Matrix: Water

Analysis Batch: 86745

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 13:57	1
Bis(2-chloroethyl)ether	<0.705		10.0	0.705	ug/L		04/16/13 15:30	04/17/13 13:57	1
2-Chlorophenol	<0.361		10.0	0.361	ug/L		04/16/13 15:30	04/17/13 13:57	1
1,3-Dichlorobenzene	<2.00		10.0	2.00	ug/L		04/16/13 15:30	04/17/13 13:57	1
1,4-Dichlorobenzene	<0.740		10.0	0.740	ug/L		04/16/13 15:30	04/17/13 13:57	1
Benzyl alcohol	<1.36		10.0	1.36	ug/L		04/16/13 15:30	04/17/13 13:57	1
1,2-Dichlorobenzene	<0.503		10.0	0.503	ug/L		04/16/13 15:30	04/17/13 13:57	1
2-Methylphenol	<0.486		10.0	0.486	ug/L		04/16/13 15:30	04/17/13 13:57	1
3 & 4 Methylphenol	<0.881		20.0	0.881	ug/L		04/16/13 15:30	04/17/13 13:57	1
N-Nitrosodi-n-propylamine	<0.650		10.0	0.650	ug/L		04/16/13 15:30	04/17/13 13:57	1
Hexachloroethane	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 13:57	1
Nitrobenzene	<0.336		10.0	0.336	ug/L		04/16/13 15:30	04/17/13 13:57	1
Isophorone	<0.626		10.0	0.626	ug/L		04/16/13 15:30	04/17/13 13:57	1
2-Nitrophenol	<0.408		10.0	0.408	ug/L		04/16/13 15:30	04/17/13 13:57	1
2,4-Dimethylphenol	<0.560		10.0	0.560	ug/L		04/16/13 15:30	04/17/13 13:57	1
Bis(2-chloroethoxy)methane	<0.593		10.0	0.593	ug/L		04/16/13 15:30	04/17/13 13:57	1
2,4-Dichlorophenol	<0.387		10.0	0.387	ug/L		04/16/13 15:30	04/17/13 13:57	1
1,2,4-Trichlorobenzene	<0.585		10.0	0.585	ug/L		04/16/13 15:30	04/17/13 13:57	1
Naphthalene	<0.477		10.0	0.477	ug/L		04/16/13 15:30	04/17/13 13:57	1
4-Chloroaniline	<0.456		10.0	0.456	ug/L		04/16/13 15:30	04/17/13 13:57	1

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86743/1-A

Matrix: Water

Analysis Batch: 86745

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 13:57	1
4-Chloro-3-methylphenol	<0.498		10.0	0.498	ug/L		04/16/13 15:30	04/17/13 13:57	1
2-Methylnaphthalene	<0.429		10.0	0.429	ug/L		04/16/13 15:30	04/17/13 13:57	1
Hexachlorocyclopentadiene	<5.00		10.0	5.00	ug/L		04/16/13 15:30	04/17/13 13:57	1
2,4,6-Trichlorophenol	<0.393		10.0	0.393	ug/L		04/16/13 15:30	04/17/13 13:57	1
2,4,5-Trichlorophenol	<0.396		10.0	0.396	ug/L		04/16/13 15:30	04/17/13 13:57	1
2-Chloronaphthalene	<0.497		10.0	0.497	ug/L		04/16/13 15:30	04/17/13 13:57	1
2-Nitroaniline	<0.443		10.0	0.443	ug/L		04/16/13 15:30	04/17/13 13:57	1
Dimethyl phthalate	<0.549		10.0	0.549	ug/L		04/16/13 15:30	04/17/13 13:57	1
Acenaphthylene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
2,6-Dinitrotoluene	<0.522		10.0	0.522	ug/L		04/16/13 15:30	04/17/13 13:57	1
3-Nitroaniline	<1.79		10.0	1.79	ug/L		04/16/13 15:30	04/17/13 13:57	1
Acenaphthene	<0.569		10.0	0.569	ug/L		04/16/13 15:30	04/17/13 13:57	1
2,4-Dinitrophenol	<0.928		10.0	0.928	ug/L		04/16/13 15:30	04/17/13 13:57	1
4-Nitrophenol	<1.77		10.0	1.77	ug/L		04/16/13 15:30	04/17/13 13:57	1
Dibenzofuran	<0.514		10.0	0.514	ug/L		04/16/13 15:30	04/17/13 13:57	1
2,4-Dinitrotoluene	<0.383		10.0	0.383	ug/L		04/16/13 15:30	04/17/13 13:57	1
Diethyl phthalate	<0.524		10.0	0.524	ug/L		04/16/13 15:30	04/17/13 13:57	1
Fluorene	<0.608		10.0	0.608	ug/L		04/16/13 15:30	04/17/13 13:57	1
4-Chlorophenyl phenyl ether	<0.524		10.0	0.524	ug/L		04/16/13 15:30	04/17/13 13:57	1
4-Nitroaniline	<1.46		10.0	1.46	ug/L		04/16/13 15:30	04/17/13 13:57	1
4,6-Dinitro-2-methylphenol	<1.82		10.0	1.82	ug/L		04/16/13 15:30	04/17/13 13:57	1
N-Nitrosodiphenylamine	<0.509		10.0	0.509	ug/L		04/16/13 15:30	04/17/13 13:57	1
4-Bromophenyl phenyl ether	<0.743		10.0	0.743	ug/L		04/16/13 15:30	04/17/13 13:57	1
Hexachlorobenzene	<0.652		10.0	0.652	ug/L		04/16/13 15:30	04/17/13 13:57	1
Phenanthrene	<0.514		10.0	0.514	ug/L		04/16/13 15:30	04/17/13 13:57	1
Anthracene	<0.404		10.0	0.404	ug/L		04/16/13 15:30	04/17/13 13:57	1
Di-n-butyl phthalate	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Fluoranthene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Pyrene	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 13:57	1
Butyl benzyl phthalate	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Benzo[a]anthracene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Chrysene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Bis(2-ethylhexyl) phthalate	<1.89		10.0	1.89	ug/L		04/16/13 15:30	04/17/13 13:57	1
Di-n-octyl phthalate	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Benzo[b]fluoranthene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Benzo[k]fluoranthene	<0.364		10.0	0.364	ug/L		04/16/13 15:30	04/17/13 13:57	1
Benzo[a]pyrene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Indeno[1,2,3-cd]pyrene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Dibenz(a,h)anthracene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
Benzo[g,h,i]perylene	<0.500		10.0	0.500	ug/L		04/16/13 15:30	04/17/13 13:57	1
3,3'-Dichlorobenzidine	<1.00		10.0	1.00	ug/L		04/16/13 15:30	04/17/13 13:57	1
Pentachlorophenol	<5.00		10.0	5.00	ug/L		04/16/13 15:30	04/17/13 13:57	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
3-Chloro-6-fluoro-pyrazine	95.30	T J N	ug/L		4.88	1000146-10-7	04/16/13 15:30	04/17/13 13:57	1
Benzene-1,2,3,4-d4-, 5,6-dichloro-	67.53	T J N	ug/L		5.30	2199-69-1	04/16/13 15:30	04/17/13 13:57	1

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86743/1-A

Matrix: Water

Analysis Batch: 86745

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86743

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	67		10 - 130	04/16/13 15:30	04/17/13 13:57	1
Phenol-d5	67		10 - 130	04/16/13 15:30	04/17/13 13:57	1
Nitrobenzene-d5	76		27 - 130	04/16/13 15:30	04/17/13 13:57	1
2-Fluorobiphenyl	74		23 - 130	04/16/13 15:30	04/17/13 13:57	1
2,4,6-Tribromophenol	82		18 - 130	04/16/13 15:30	04/17/13 13:57	1
Terphenyl-d14	68		10 - 141	04/16/13 15:30	04/17/13 13:57	1

Lab Sample ID: LCS 560-86743/2-A

Matrix: Water

Analysis Batch: 86745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	100	74.94		ug/L		75	24 - 130
Bis(2-chloroethyl)ether	100	80.64		ug/L		81	44 - 130
2-Chlorophenol	100	83.23		ug/L		83	38 - 130
1,3-Dichlorobenzene	100	72.70		ug/L		73	25 - 130
1,4-Dichlorobenzene	100	73.66		ug/L		74	26 - 130
Benzyl alcohol	100	83.56		ug/L		84	44 - 130
1,2-Dichlorobenzene	100	76.42		ug/L		76	28 - 130
2-Methylphenol	100	84.53		ug/L		85	34 - 130
3 & 4 Methylphenol	200	169.3		ug/L		85	29 - 130
N-Nitrosodi-n-propylamine	100	85.78		ug/L		86	36 - 130
Hexachloroethane	100	72.77		ug/L		73	20 - 130
Nitrobenzene	100	86.92		ug/L		87	44 - 130
Isophorone	100	86.18		ug/L		86	44 - 130
2-Nitrophenol	100	89.47		ug/L		89	42 - 130
2,4-Dimethylphenol	100	84.38		ug/L		84	41 - 135
Bis(2-chloroethoxy)methane	100	86.24		ug/L		86	44 - 130
2,4-Dichlorophenol	100	88.71		ug/L		89	40 - 130
1,2,4-Trichlorobenzene	100	82.02		ug/L		82	35 - 130
Naphthalene	100	82.30		ug/L		82	40 - 130
4-Chloroaniline	100	50.78		ug/L		51	21 - 130
Hexachlorobutadiene	100	76.40		ug/L		76	29 - 130
4-Chloro-3-methylphenol	100	86.37		ug/L		86	55 - 130
2-Methylnaphthalene	100	84.71		ug/L		85	44 - 130
Hexachlorocyclopentadiene	100	63.30		ug/L		63	10 - 130
2,4,6-Trichlorophenol	100	92.79		ug/L		93	50 - 130
2,4,5-Trichlorophenol	100	90.24		ug/L		90	59 - 130
2-Chloronaphthalene	100	88.37		ug/L		88	44 - 130
2-Nitroaniline	100	79.67		ug/L		80	58 - 130
Dimethyl phthalate	100	92.18		ug/L		92	70 - 130
Acenaphthylene	100	87.86		ug/L		88	52 - 130
2,6-Dinitrotoluene	100	94.30		ug/L		94	70 - 130
3-Nitroaniline	100	87.43		ug/L		87	70 - 130
Acenaphthene	100	88.74		ug/L		89	55 - 130
2,4-Dinitrophenol	100	71.79		ug/L		72	38 - 132
4-Nitrophenol	100	92.22		ug/L		92	38 - 132
Dibenzofuran	100	82.66		ug/L		83	54 - 130

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: LCS 560-86743/2-A

Matrix: Water

Analysis Batch: 86745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	100	94.98		ug/L		95	70 - 130
Diethyl phthalate	100	92.81		ug/L		93	70 - 130
Fluorene	100	91.04		ug/L		91	69 - 130
4-Chlorophenyl phenyl ether	100	87.33		ug/L		87	61 - 130
4-Nitroaniline	100	85.83		ug/L		86	70 - 130
4,6-Dinitro-2-methylphenol	100	83.35		ug/L		83	67 - 130
N-Nitrosodiphenylamine	100	91.48		ug/L		91	70 - 130
4-Bromophenyl phenyl ether	100	87.48		ug/L		87	68 - 130
Hexachlorobenzene	100	81.05		ug/L		81	67 - 130
Phenanthrene	100	89.67		ug/L		90	70 - 130
Anthracene	100	87.97		ug/L		88	70 - 130
Di-n-butyl phthalate	100	89.69		ug/L		90	70 - 130
Fluoranthene	100	85.23		ug/L		85	70 - 130
Pyrene	100	83.47		ug/L		83	70 - 130
Butyl benzyl phthalate	100	84.64		ug/L		85	70 - 130
Benzo[a]anthracene	100	80.75		ug/L		81	70 - 130
Chrysene	100	79.23		ug/L		79	70 - 130
Bis(2-ethylhexyl) phthalate	100	79.80		ug/L		80	70 - 130
Di-n-octyl phthalate	100	77.35		ug/L		77	70 - 130
Benzo[b]fluoranthene	100	90.74		ug/L		91	67 - 133
Benzo[k]fluoranthene	100	78.50		ug/L		78	69 - 130
Benzo[a]pyrene	100	79.16		ug/L		79	70 - 134
Indeno[1,2,3-cd]pyrene	100	81.00		ug/L		81	70 - 130
Dibenz(a,h)anthracene	100	81.40		ug/L		81	70 - 130
Benzo[g,h,i]perylene	100	80.13		ug/L		80	69 - 130
3,3'-Dichlorobenzidine	150	130.4		ug/L		87	63 - 130
Pentachlorophenol	100	73.72		ug/L		74	57 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2-Fluorophenol	77		10 - 130
Phenol-d5	78		10 - 130
Nitrobenzene-d5	87		27 - 130
2-Fluorobiphenyl	86		23 - 130
2,4,6-Tribromophenol	100		18 - 130
Terphenyl-d14	68		10 - 141

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 86745

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86743

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	<0.971		97.1	69.17		ug/L		71	24 - 130
Bis(2-chloroethyl)ether	<0.684		97.1	72.79		ug/L		75	44 - 130
2-Chlorophenol	<0.350		97.1	75.97		ug/L		78	38 - 130
1,3-Dichlorobenzene	<1.94		97.1	64.98		ug/L		67	25 - 130
1,4-Dichlorobenzene	<0.718		97.1	66.37		ug/L		68	26 - 130
Benzyl alcohol	<1.32		97.1	75.19		ug/L		77	44 - 130
1,2-Dichlorobenzene	<0.488		97.1	68.78		ug/L		71	28 - 130

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 86745

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86743

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylphenol	<0.472		97.1	75.23		ug/L		77	34 - 130
3 & 4 Methylphenol	<0.855		194	154.1		ug/L		79	29 - 130
N-Nitrosodi-n-propylamine	<0.631		97.1	77.80		ug/L		80	36 - 130
Hexachloroethane	<0.971		97.1	64.79		ug/L		67	20 - 130
Nitrobenzene	<0.326		97.1	79.79		ug/L		82	44 - 130
Isophorone	<0.608		97.1	76.77		ug/L		79	44 - 130
2-Nitrophenol	<0.396		97.1	80.07		ug/L		82	42 - 130
2,4-Dimethylphenol	<0.544		97.1	77.14		ug/L		79	41 - 135
Bis(2-chloroethoxy)methane	<0.576		97.1	75.16		ug/L		77	44 - 130
2,4-Dichlorophenol	<0.376		97.1	77.94		ug/L		80	40 - 130
1,2,4-Trichlorobenzene	<0.568		97.1	71.95		ug/L		74	35 - 130
Naphthalene	<0.463		97.1	74.33		ug/L		77	40 - 130
4-Chloroaniline	<0.443		97.1	50.24		ug/L		52	21 - 130
Hexachlorobutadiene	<0.971		97.1	67.83		ug/L		70	29 - 130
4-Chloro-3-methylphenol	<0.483		97.1	80.58		ug/L		83	55 - 130
2-Methylnaphthalene	<0.417		97.1	77.49		ug/L		80	44 - 130
Hexachlorocyclopentadiene	<4.85		97.1	61.65		ug/L		64	10 - 130
2,4,6-Trichlorophenol	<0.382		97.1	83.79		ug/L		86	50 - 130
2,4,5-Trichlorophenol	<0.384		97.1	82.16		ug/L		85	59 - 130
2-Chloronaphthalene	<0.483		97.1	80.61		ug/L		83	44 - 130
2-Nitroaniline	<0.430		97.1	63.73		ug/L		66	58 - 130
Dimethyl phthalate	<0.533		97.1	85.03		ug/L		88	70 - 130
Acenaphthylene	<0.485		97.1	80.23		ug/L		83	52 - 130
2,6-Dinitrotoluene	<0.507		97.1	88.37		ug/L		91	70 - 130
3-Nitroaniline	<1.74		97.1	76.45		ug/L		79	70 - 130
Acenaphthene	<0.552		97.1	81.15		ug/L		84	55 - 130
2,4-Dinitrophenol	<0.901		97.1	66.52		ug/L		69	38 - 132
4-Nitrophenol	<1.72		97.1	86.80		ug/L		89	38 - 132
Dibenzofuran	<0.499		97.1	81.29		ug/L		84	54 - 130
2,4-Dinitrotoluene	<0.372		97.1	89.37		ug/L		92	70 - 130
Diethyl phthalate	<0.509		97.1	85.83		ug/L		88	70 - 130
Fluorene	<0.590		97.1	85.84		ug/L		88	69 - 130
4-Chlorophenyl phenyl ether	<0.509		97.1	82.63		ug/L		85	61 - 130
4-Nitroaniline	<1.42		97.1	63.09	F	ug/L		65	70 - 130
4,6-Dinitro-2-methylphenol	<1.77		97.1	78.44		ug/L		81	67 - 130
N-Nitrosodiphenylamine	<0.494		97.1	86.82		ug/L		89	70 - 130
4-Bromophenyl phenyl ether	<0.721		97.1	85.43		ug/L		88	68 - 130
Hexachlorobenzene	<0.633		97.1	75.25		ug/L		78	67 - 130
Phenanthrene	<0.499		97.1	85.69		ug/L		88	70 - 130
Anthracene	<0.392		97.1	83.12		ug/L		86	70 - 130
Di-n-butyl phthalate	<0.485		97.1	83.92		ug/L		86	70 - 130
Fluoranthene	<0.485		97.1	81.33		ug/L		84	70 - 130
Pyrene	<0.971		97.1	79.46		ug/L		82	70 - 130
Butyl benzyl phthalate	<0.485		97.1	81.94		ug/L		84	70 - 130
Benzo[a]anthracene	<0.485		97.1	75.88		ug/L		78	70 - 130
Chrysene	<0.485		97.1	76.02		ug/L		78	70 - 130
Bis(2-ethylhexyl) phthalate	<1.83		97.1	84.99		ug/L		88	70 - 130
Di-n-octyl phthalate	<0.485		97.1	73.36		ug/L		76	70 - 130

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 86745

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86743

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	<0.485		97.1	85.30		ug/L		88	67 - 133
Benzo[k]fluoranthene	<0.353		97.1	72.88		ug/L		75	69 - 130
Benzo[a]pyrene	<0.485		97.1	75.56		ug/L		78	70 - 134
Indeno[1,2,3-cd]pyrene	<0.485		97.1	76.04		ug/L		78	70 - 130
Dibenz(a,h)anthracene	<0.485		97.1	76.55		ug/L		79	70 - 130
Benzo[g,h,i]perylene	<0.485		97.1	74.66		ug/L		77	69 - 130
3,3'-Dichlorobenzidine	<0.971		146	50.77	F	ug/L		35	63 - 130
Pentachlorophenol	<4.85		97.1	68.11		ug/L		70	57 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorophenol	71		10 - 130
Phenol-d5	71		10 - 130
Nitrobenzene-d5	79		27 - 130
2-Fluorobiphenyl	78		23 - 130
2,4,6-Tribromophenol	93		18 - 130
Terphenyl-d14	54		10 - 141

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 86745

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86743

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	<0.971		97.1	68.06		ug/L		70	24 - 130	2	30
Bis(2-chloroethyl)ether	<0.684		97.1	73.84		ug/L		76	44 - 130	1	30
2-Chlorophenol	<0.350		97.1	76.85		ug/L		79	38 - 130	1	30
1,3-Dichlorobenzene	<1.94		97.1	66.01		ug/L		68	25 - 130	2	30
1,4-Dichlorobenzene	<0.718		97.1	67.12		ug/L		69	26 - 130	1	30
Benzyl alcohol	<1.32		97.1	75.24		ug/L		77	44 - 130	0	30
1,2-Dichlorobenzene	<0.488		97.1	69.24		ug/L		71	28 - 130	1	30
2-Methylphenol	<0.472		97.1	75.63		ug/L		78	34 - 130	1	30
3 & 4 Methylphenol	<0.855		194	152.3		ug/L		78	29 - 130	1	30
N-Nitrosodi-n-propylamine	<0.631		97.1	76.52		ug/L		79	36 - 130	2	30
Hexachloroethane	<0.971		97.1	64.58		ug/L		67	20 - 130	0	30
Nitrobenzene	<0.326		97.1	79.95		ug/L		82	44 - 130	0	30
Isophorone	<0.608		97.1	77.98		ug/L		80	44 - 130	2	30
2-Nitrophenol	<0.396		97.1	83.10		ug/L		86	42 - 130	4	30
2,4-Dimethylphenol	<0.544		97.1	75.48		ug/L		78	41 - 135	2	30
Bis(2-chloroethoxy)methane	<0.576		97.1	76.30		ug/L		79	44 - 130	2	30
2,4-Dichlorophenol	<0.376		97.1	77.92		ug/L		80	40 - 130	0	30
1,2,4-Trichlorobenzene	<0.568		97.1	73.20		ug/L		75	35 - 130	2	30
Naphthalene	<0.463		97.1	74.89		ug/L		77	40 - 130	1	30
4-Chloroaniline	<0.443		97.1	48.29		ug/L		50	21 - 130	4	30
Hexachlorobutadiene	<0.971		97.1	67.45		ug/L		69	29 - 130	1	30
4-Chloro-3-methylphenol	<0.483		97.1	80.37		ug/L		83	55 - 130	0	30
2-Methylnaphthalene	<0.417		97.1	78.42		ug/L		81	44 - 130	1	30
Hexachlorocyclopentadiene	<4.85		97.1	61.23		ug/L		63	10 - 130	1	30
2,4,6-Trichlorophenol	<0.382		97.1	82.06		ug/L		85	50 - 130	2	30
2,4,5-Trichlorophenol	<0.384		97.1	83.13		ug/L		86	59 - 130	1	30

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 86745

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86743

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene	<0.483		97.1	79.52		ug/L		82	44 - 130	1	30
2-Nitroaniline	<0.430		97.1	63.86		ug/L		66	58 - 130	0	35
Dimethyl phthalate	<0.533		97.1	85.21		ug/L		88	70 - 130	0	30
Acenaphthylene	<0.485		97.1	81.05		ug/L		83	52 - 130	1	30
2,6-Dinitrotoluene	<0.507		97.1	87.87		ug/L		91	70 - 130	1	30
3-Nitroaniline	<1.74		97.1	76.97		ug/L		79	70 - 130	1	30
Acenaphthene	<0.552		97.1	81.12		ug/L		84	55 - 130	0	30
2,4-Dinitrophenol	<0.901		97.1	71.16		ug/L		73	38 - 132	7	30
4-Nitrophenol	<1.72		97.1	90.37		ug/L		93	38 - 132	4	30
Dibenzofuran	<0.499		97.1	80.33		ug/L		83	54 - 130	1	30
2,4-Dinitrotoluene	<0.372		97.1	89.15		ug/L		92	70 - 130	0	30
Diethyl phthalate	<0.509		97.1	86.07		ug/L		89	70 - 130	0	30
Fluorene	<0.590		97.1	84.68		ug/L		87	69 - 130	1	30
4-Chlorophenyl phenyl ether	<0.509		97.1	81.80		ug/L		84	61 - 130	1	30
4-Nitroaniline	<1.42		97.1	65.01	F	ug/L		67	70 - 130	3	30
4,6-Dinitro-2-methylphenol	<1.77		97.1	80.49		ug/L		83	67 - 130	3	30
N-Nitrosodiphenylamine	<0.494		97.1	85.64		ug/L		88	70 - 130	1	30
4-Bromophenyl phenyl ether	<0.721		97.1	83.18		ug/L		86	68 - 130	3	30
Hexachlorobenzene	<0.633		97.1	73.56		ug/L		76	67 - 130	2	30
Phenanthrene	<0.499		97.1	84.98		ug/L		88	70 - 130	1	30
Anthracene	<0.392		97.1	82.06		ug/L		85	70 - 130	1	30
Di-n-butyl phthalate	<0.485		97.1	82.77		ug/L		85	70 - 130	1	30
Fluoranthene	<0.485		97.1	80.81		ug/L		83	70 - 130	1	30
Pyrene	<0.971		97.1	77.97		ug/L		80	70 - 130	2	30
Butyl benzyl phthalate	<0.485		97.1	80.13		ug/L		83	70 - 130	2	30
Benzo[a]anthracene	<0.485		97.1	74.91		ug/L		77	70 - 130	1	30
Chrysene	<0.485		97.1	76.01		ug/L		78	70 - 130	0	30
Bis(2-ethylhexyl) phthalate	<1.83		97.1	76.56		ug/L		79	70 - 130	10	30
Di-n-octyl phthalate	<0.485		97.1	75.62		ug/L		78	70 - 130	3	30
Benzo[b]fluoranthene	<0.485		97.1	84.23		ug/L		87	67 - 133	1	30
Benzo[k]fluoranthene	<0.353		97.1	71.10		ug/L		73	69 - 130	2	30
Benzo[a]pyrene	<0.485		97.1	75.03		ug/L		77	70 - 134	1	30
Indeno[1,2,3-cd]pyrene	<0.485		97.1	76.54		ug/L		79	70 - 130	1	30
Dibenz(a,h)anthracene	<0.485		97.1	76.81		ug/L		79	70 - 130	0	30
Benzo[g,h,i]perylene	<0.485		97.1	74.94		ug/L		77	69 - 130	0	30
3,3'-Dichlorobenzidine	<0.971		146	50.55	F	ug/L		35	63 - 130	0	30
Pentachlorophenol	<4.85		97.1	71.50		ug/L		74	57 - 130	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorophenol	70		10 - 130
Phenol-d5	71		10 - 130
Nitrobenzene-d5	78		27 - 130
2-Fluorobiphenyl	77		23 - 130
2,4,6-Tribromophenol	90		18 - 130
Terphenyl-d14	52		10 - 141

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 560-86850/1-A

Matrix: Water

Analysis Batch: 86980

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.00290		0.0500	0.00290	ug/L		04/18/13 15:00	04/23/13 14:06	1
4,4'-DDE	<0.00260		0.0500	0.00260	ug/L		04/18/13 15:00	04/23/13 14:06	1
4,4'-DDT	<0.00340		0.0500	0.00340	ug/L		04/18/13 15:00	04/23/13 14:06	1
Aldrin	<0.00250		0.0500	0.00250	ug/L		04/18/13 15:00	04/23/13 14:06	1
alpha-BHC	<0.00560		0.0500	0.00560	ug/L		04/18/13 15:00	04/23/13 14:06	1
alpha-Chlordane	<0.00380		0.0500	0.00380	ug/L		04/18/13 15:00	04/23/13 14:06	1
beta-BHC	<0.00560		0.0500	0.00560	ug/L		04/18/13 15:00	04/23/13 14:06	1
Chlordane (technical)	<0.0310		0.500	0.0310	ug/L		04/18/13 15:00	04/23/13 14:06	1
delta-BHC	<0.00250		0.0500	0.00250	ug/L		04/18/13 15:00	04/23/13 14:06	1
Dieldrin	<0.00830		0.0500	0.00830	ug/L		04/18/13 15:00	04/23/13 14:06	1
Endosulfan I	<0.00890		0.0500	0.00890	ug/L		04/18/13 15:00	04/23/13 14:06	1
Endosulfan II	<0.00350		0.0500	0.00350	ug/L		04/18/13 15:00	04/23/13 14:06	1
Endosulfan sulfate	<0.00390		0.0500	0.00390	ug/L		04/18/13 15:00	04/23/13 14:06	1
Endrin	<0.00250		0.0500	0.00250	ug/L		04/18/13 15:00	04/23/13 14:06	1
Endrin aldehyde	<0.00440		0.0500	0.00440	ug/L		04/18/13 15:00	04/23/13 14:06	1
Endrin ketone	<0.00730		0.0500	0.00730	ug/L		04/18/13 15:00	04/23/13 14:06	1
gamma-BHC (Lindane)	<0.00270		0.0500	0.00270	ug/L		04/18/13 15:00	04/23/13 14:06	1
gamma-Chlordane	<0.00470		0.0500	0.00470	ug/L		04/18/13 15:00	04/23/13 14:06	1
Heptachlor	<0.00590		0.0500	0.00590	ug/L		04/18/13 15:00	04/23/13 14:06	1
Heptachlor epoxide	<0.00280		0.0500	0.00280	ug/L		04/18/13 15:00	04/23/13 14:06	1
Methoxychlor	<0.0232		0.0500	0.0232	ug/L		04/18/13 15:00	04/23/13 14:06	1
Toxaphene	<0.287		1.00	0.287	ug/L		04/18/13 15:00	04/23/13 14:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		10 - 152	04/18/13 15:00	04/23/13 14:06	1
Tetrachloro-m-xylene	77		57 - 127	04/18/13 15:00	04/23/13 14:06	1

Lab Sample ID: LCS 560-86850/2-A

Matrix: Water

Analysis Batch: 86980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.500	0.4045		ug/L		81	45 - 140
4,4'-DDE	0.500	0.3466		ug/L		69	48 - 137
4,4'-DDT	0.500	0.3535		ug/L		71	45 - 140
Aldrin	0.500	0.3508		ug/L		70	40 - 120
alpha-BHC	0.500	0.3744		ug/L		75	60 - 130
alpha-Chlordane	0.500	0.3456		ug/L		69	65 - 125
beta-BHC	0.500	0.4030		ug/L		81	65 - 125
delta-BHC	0.500	0.3612		ug/L		72	45 - 135
Dieldrin	0.500	0.3517		ug/L		70	60 - 130
Endosulfan I	0.500	0.3546		ug/L		71	50 - 120
Endosulfan II	0.500	0.3164		ug/L		63	30 - 130
Endosulfan sulfate	0.500	0.3405		ug/L		68	55 - 135
Endrin	0.500	0.3615		ug/L		72	55 - 135
Endrin aldehyde	0.500	0.3441		ug/L		69	55 - 135
Endrin ketone	0.500	0.3659		ug/L		73	73 - 130
gamma-BHC (Lindane)	0.500	0.3729		ug/L		75	46 - 136

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: LCS 560-86850/2-A

Matrix: Water

Analysis Batch: 86980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-Chlordane	0.500	0.3437		ug/L		69	60 - 125
Heptachlor	0.500	0.3615		ug/L		72	51 - 130
Heptachlor epoxide	0.500	0.3503		ug/L		70	60 - 130
Methoxychlor	0.500	0.4774		ug/L		95	55 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	60		10 - 152
Tetrachloro-m-xylene	78		57 - 127

Lab Sample ID: LCS 560-86850/3-A

Matrix: Water

Analysis Batch: 86980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlordane (technical)	5.00	3.912		ug/L		78	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	51		10 - 152
Tetrachloro-m-xylene	79		57 - 127

Lab Sample ID: LCS 560-86850/4-A

Matrix: Water

Analysis Batch: 86980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toxaphene	5.00	4.372		ug/L		87	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	41		10 - 152
Tetrachloro-m-xylene	72		57 - 127

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

Lab Sample ID: MB 560-86846/1-A

Matrix: Water

Analysis Batch: 86911

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1221	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1232	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1242	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1248	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1254	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1260	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1262	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1
Aroclor 1268	<0.500		1.00	0.500	ug/L		04/18/13 13:00	04/22/13 11:02	1

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86846/1-A

Matrix: Water

Analysis Batch: 86911

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86846

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		25 - 140	04/18/13 13:00	04/22/13 11:02	1
DCB Decachlorobiphenyl	54		42 - 133	04/18/13 13:00	04/22/13 11:02	1

Lab Sample ID: LCS 560-86846/2-A

Matrix: Water

Analysis Batch: 86911

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	10.0	9.555		ug/L		96	50 - 135
Aroclor 1260	10.0	7.577		ug/L		76	50 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	90		25 - 140
DCB Decachlorobiphenyl	54		42 - 133

Lab Sample ID: 560-39287-3 MS

Matrix: Water

Analysis Batch: 86911

Client Sample ID: HCS 130

Prep Type: Total/NA

Prep Batch: 86846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	<0.495		9.71	9.223		ug/L		95	50 - 135
Aroclor 1260	<0.495		9.71	7.134		ug/L		73	50 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	94		25 - 140
DCB Decachlorobiphenyl	74		42 - 133

Lab Sample ID: 560-39287-3 MSD

Matrix: Water

Analysis Batch: 86911

Client Sample ID: HCS 130

Prep Type: Total/NA

Prep Batch: 86846

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	<0.495		9.90	9.330		ug/L		94	50 - 135	1	30
Aroclor 1260	<0.495		9.90	7.362		ug/L		74	50 - 135	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	93		25 - 140
DCB Decachlorobiphenyl	75		42 - 133

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 640-101150/1-A

Matrix: Water

Analysis Batch: 101203

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	<0.330		1.00	0.330	ug/L		04/18/13 18:17	04/22/13 11:56	1

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 640-101150/1-A

Matrix: Water

Analysis Batch: 101203

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bolstar	<0.0950		1.00	0.0950	ug/L		04/18/13 18:17	04/22/13 11:56	1
Chlorpyrifos	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 11:56	1
Coumaphos	<0.0810		1.00	0.0810	ug/L		04/18/13 18:17	04/22/13 11:56	1
Demeton-O	<0.110		2.50	0.110	ug/L		04/18/13 18:17	04/22/13 11:56	1
Demeton-S	<0.0600		2.50	0.0600	ug/L		04/18/13 18:17	04/22/13 11:56	1
Diazinon	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 11:56	1
Dichlorvos	<0.260		2.00	0.260	ug/L		04/18/13 18:17	04/22/13 11:56	1
Dimethoate	<0.320		2.00	0.320	ug/L		04/18/13 18:17	04/22/13 11:56	1
Disulfoton	<0.120		2.00	0.120	ug/L		04/18/13 18:17	04/22/13 11:56	1
EPN	<0.0710		1.00	0.0710	ug/L		04/18/13 18:17	04/22/13 11:56	1
Famphur	<0.110		2.00	0.110	ug/L		04/18/13 18:17	04/22/13 11:56	1
Fensulfothion	<0.170		5.00	0.170	ug/L		04/18/13 18:17	04/22/13 11:56	1
Fenthion	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 11:56	1
Malathion	<0.0920		1.00	0.0920	ug/L		04/18/13 18:17	04/22/13 11:56	1
Merphos	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 11:56	1
Methyl parathion	<0.120		0.500	0.120	ug/L		04/18/13 18:17	04/22/13 11:56	1
Mevinphos	<0.150		2.00	0.150	ug/L		04/18/13 18:17	04/22/13 11:56	1
Ethoprop	<0.410		0.500	0.410	ug/L		04/18/13 18:17	04/22/13 11:56	1
Monochrotophos	<2.60		10.0	2.60	ug/L		04/18/13 18:17	04/22/13 11:56	1
Naled	<0.360		5.00	0.360	ug/L		04/18/13 18:17	04/22/13 11:56	1
Ethyl Parathion	<0.0800		1.00	0.0800	ug/L		04/18/13 18:17	04/22/13 11:56	1
Phorate	<0.160		1.00	0.160	ug/L		04/18/13 18:17	04/22/13 11:56	1
Ronnel	<0.130		1.00	0.130	ug/L		04/18/13 18:17	04/22/13 11:56	1
Stirophos	<0.0840		1.00	0.0840	ug/L		04/18/13 18:17	04/22/13 11:56	1
Sulfotepp	<0.0550		0.500	0.0550	ug/L		04/18/13 18:17	04/22/13 11:56	1
Thionazin	<0.0610		1.00	0.0610	ug/L		04/18/13 18:17	04/22/13 11:56	1
Tokuthion	<0.0870		1.00	0.0870	ug/L		04/18/13 18:17	04/22/13 11:56	1
Trichloronate	<0.110		1.00	0.110	ug/L		04/18/13 18:17	04/22/13 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	96		37 - 139	04/18/13 18:17	04/22/13 11:56	1

Lab Sample ID: LCS 640-101150/2-A

Matrix: Water

Analysis Batch: 101203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Azinphos-methyl	2.50	2.458		ug/L		98	50 - 130
Bolstar	2.50	2.643		ug/L		106	50 - 130
Chlorpyrifos	2.50	2.662		ug/L		106	50 - 130
Coumaphos	2.50	2.360		ug/L		94	50 - 130
Diazinon	2.50	2.643		ug/L		106	42 - 132
Dichlorvos	2.50	2.220		ug/L		89	50 - 130
EPN	2.50	3.601	*	ug/L		144	50 - 130
Famphur	2.50	2.883		ug/L		115	50 - 130
Fensulfothion	2.50	2.642	J	ug/L		106	50 - 130
Fenthion	2.50	2.397		ug/L		96	50 - 130
Malathion	2.50	2.723		ug/L		109	50 - 130

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: LCS 640-101150/2-A

Matrix: Water

Analysis Batch: 101203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl parathion	2.50	2.805		ug/L		112	43 - 140
Mevinphos	2.50	2.079		ug/L		83	50 - 130
Ethoprop	2.50	2.586		ug/L		103	50 - 130
Monochrotophos	10.0	3.183	J	ug/L		32	10 - 100
Naled	10.0	8.812		ug/L		88	50 - 130
Ethyl Parathion	2.50	3.096		ug/L		124	49 - 134
Phorate	2.50	2.183		ug/L		87	50 - 130
Ronnel	2.50	2.385		ug/L		95	38 - 124
Tokuthion	2.50	2.639		ug/L		106	50 - 130

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

Lab Sample ID: LCSD 640-101150/3-A

Matrix: Water

Analysis Batch: 101203

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101150

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	2.50	2.489		ug/L		100	50 - 130	1	30
Bolstar	2.50	2.419		ug/L		97	50 - 130	9	30
Chlorpyrifos	2.50	2.315		ug/L		93	50 - 130	14	30
Coumaphos	2.50	3.017		ug/L		121	50 - 130	24	30
Diazinon	2.50	2.183		ug/L		87	42 - 132	19	30
Dichlorvos	2.50	1.627	J *	ug/L		65	50 - 130	31	30
EPN	2.50	3.331	*	ug/L		133	50 - 130	8	30
Famphur	2.50	2.621		ug/L		105	50 - 130	10	30
Fensulfothion	2.50	2.667	J	ug/L		107	50 - 130	1	30
Fenthion	2.50	2.093		ug/L		84	50 - 130	14	30
Malathion	2.50	2.339		ug/L		94	50 - 130	15	30
Methyl parathion	2.50	2.484		ug/L		99	43 - 140	12	30
Mevinphos	2.50	1.769	J	ug/L		71	50 - 130	16	30
Ethoprop	2.50	2.151		ug/L		86	50 - 130	18	30
Monochrotophos	10.0	4.038	J	ug/L		40	10 - 100	24	30
Naled	10.0	8.003		ug/L		80	50 - 130	10	30
Ethyl Parathion	2.50	2.722		ug/L		109	49 - 134	13	30
Phorate	2.50	1.833		ug/L		73	50 - 130	17	30
Ronnel	2.50	2.115		ug/L		85	38 - 124	12	30
Tokuthion	2.50	2.531		ug/L		101	50 - 130	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Triphenylphosphate	111		37 - 139

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-273501/9-A

Matrix: Water

Analysis Batch: 273987

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 273501

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		04/18/13 08:00	04/19/13 18:27	1
2,4-D	<0.0370		0.500	0.0370	ug/L		04/18/13 08:00	04/19/13 18:27	1
2,4-DB	<0.150		0.500	0.150	ug/L		04/18/13 08:00	04/19/13 18:27	1
Dalapon	<0.100		10.0	0.100	ug/L		04/18/13 08:00	04/19/13 18:27	1
Dicamba	<0.0850		0.500	0.0850	ug/L		04/18/13 08:00	04/19/13 18:27	1
Dichlorprop	<0.150		0.500	0.150	ug/L		04/18/13 08:00	04/19/13 18:27	1
Dinoseb	<0.160		6.00	0.160	ug/L		04/18/13 08:00	04/19/13 18:27	1
MCPA	<17.0		120	17.0	ug/L		04/18/13 08:00	04/19/13 18:27	1
Pentachlorophenol	<0.0370		0.250	0.0370	ug/L		04/18/13 08:00	04/19/13 18:27	1
Silvex (2,4,5-TP)	<0.0620		0.500	0.0620	ug/L		04/18/13 08:00	04/19/13 18:27	1
Mecoprop	<19.0		120	19.0	ug/L		04/18/13 08:00	04/19/13 18:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	81		52 - 151	04/18/13 08:00	04/19/13 18:27	1

Lab Sample ID: LCS 680-273501/10-A

Matrix: Water

Analysis Batch: 273987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 273501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-T	2.00	1.558		ug/L		78	59 - 130
2,4-D	2.00	1.632		ug/L		82	63 - 130
2,4-DB	2.00	1.900		ug/L		95	34 - 157
Dalapon	2.00	1.844	J	ug/L		92	24 - 130
Dicamba	2.00	1.598		ug/L		80	66 - 130
Dichlorprop	2.00	1.346		ug/L		67	65 - 152
Dinoseb	2.00	1.379	J	ug/L		69	10 - 130
MCPA	200	151.7		ug/L		76	40 - 130
Pentachlorophenol	2.00	1.522		ug/L		76	70 - 130
Silvex (2,4,5-TP)	2.00	1.430		ug/L		72	64 - 130
Mecoprop	200	174.0		ug/L		87	53 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCAA	71		52 - 151

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 273987

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 273501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-T	<0.0620		2.00	1.498		ug/L		75	59 - 130
2,4-D	<0.0370		2.00	1.480		ug/L		74	63 - 130
2,4-DB	<0.150		2.00	1.855		ug/L		93	34 - 157
Dalapon	<0.100		2.00	0.9926	J	ug/L		50	24 - 130
Dicamba	<0.0850		2.00	1.468		ug/L		73	66 - 130
Dichlorprop	<0.150		2.00	1.246	F	ug/L		62	65 - 152
Dinoseb	<0.160		2.00	1.211	J	ug/L		61	10 - 130

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 273987

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 273501

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
MCPA	<17.0		200	135.8		ug/L		68	40 - 130		
Pentachlorophenol	<0.0370		2.00	1.180	F	ug/L		59	70 - 130		
Silvex (2,4,5-TP)	<0.0620		2.00	1.468		ug/L		73	64 - 130		
Mecoprop	<19.0		200	168.5		ug/L		84	53 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
DCAA	73	p	52 - 151								

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 273987

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 273501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
									Limits		Limit
2,4,5-T	<0.0620		2.00	1.754		ug/L		88	59 - 130	16	50
2,4-D	<0.0370		2.00	1.818		ug/L		91	63 - 130	20	50
2,4-DB	<0.150		2.00	2.463		ug/L		123	34 - 157	28	50
Dalapon	<0.100		2.00	1.099	J	ug/L		55	24 - 130	10	50
Dicamba	<0.0850		2.00	1.867		ug/L		93	66 - 130	24	50
Dichlorprop	<0.150		2.00	1.552		ug/L		78	65 - 152	22	50
Dinoseb	<0.160		2.00	1.483	J	ug/L		74	10 - 130	20	50
MCPA	<17.0		200	165.0		ug/L		82	40 - 130	19	50
Pentachlorophenol	<0.0370		2.00	1.338	F	ug/L		67	70 - 130	13	50
Silvex (2,4,5-TP)	<0.0620		2.00	1.649		ug/L		82	64 - 130	12	50
Mecoprop	<19.0		200	222.6		ug/L		111	53 - 130	28	50

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 560-86722/1-A

Matrix: Water

Analysis Batch: 86890

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	<70.7		500	70.7	ug/L		04/16/13 13:50	04/19/13 12:58	1

Lab Sample ID: LCS 560-86722/2-A

Matrix: Water

Analysis Batch: 86890

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silicon	10000	8278		ug/L		83	80 - 120

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 86890

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silicon	4390		10000	6645	F	ug/L		23	80 - 120

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 86890

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silicon	4390		10000	6703	F	ug/L		23	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 560-86722/1-A

Matrix: Water

Analysis Batch: 87186

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<198		500	198	ug/L		04/16/13 13:50	04/26/13 18:49	1
Silver	<0.941		5.00	0.941	ug/L		04/16/13 13:50	04/26/13 18:49	1
Arsenic	<1.09		5.00	1.09	ug/L		04/16/13 13:50	04/26/13 18:49	1
Potassium	<407		1000	407	ug/L		04/16/13 13:50	04/26/13 18:49	1
Barium	1.207 J		5.00	0.810	ug/L		04/16/13 13:50	04/26/13 18:49	1
Magnesium	<113		500	113	ug/L		04/16/13 13:50	04/26/13 18:49	1
Beryllium	<1.24		4.00	1.24	ug/L		04/16/13 13:50	04/26/13 18:49	1
Sodium	<727		1000	727	ug/L		04/16/13 13:50	04/26/13 18:49	1
Cadmium	<0.854		2.00	0.854	ug/L		04/16/13 13:50	04/26/13 18:49	1
Strontium	<0.768		5.00	0.768	ug/L		04/16/13 13:50	04/26/13 18:49	1
Chromium	<1.40		5.00	1.40	ug/L		04/16/13 13:50	04/26/13 18:49	1
Copper	<2.00		10.0	2.00	ug/L		04/16/13 13:50	04/26/13 18:49	1
Manganese	<11.6		50.0	11.6	ug/L		04/16/13 13:50	04/26/13 18:49	1
Nickel	<2.17		5.00	2.17	ug/L		04/16/13 13:50	04/26/13 18:49	1
Lead	1.640 J		5.00	0.733	ug/L		04/16/13 13:50	04/26/13 18:49	1
Selenium	<1.08		5.00	1.08	ug/L		04/16/13 13:50	04/26/13 18:49	1
Thallium	<0.693		2.00	0.693	ug/L		04/16/13 13:50	04/26/13 18:49	1
Zinc	<3.55		25.0	3.55	ug/L		04/16/13 13:50	04/26/13 18:49	1
Antimony	<1.61		5.00	1.61	ug/L		04/16/13 13:50	04/26/13 18:49	1
Aluminum	<22.5		50.0	22.5	ug/L		04/16/13 13:50	04/26/13 18:49	1
Iron	<101		250	101	ug/L		04/16/13 13:50	04/26/13 18:49	1

Lab Sample ID: LCS 560-86722/2-A

Matrix: Water

Analysis Batch: 87186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	50000	51180		ug/L		102	80 - 120
Silver	500	512.4		ug/L		102	80 - 120
Arsenic	500	526.0		ug/L		105	80 - 120
Potassium	50000	52740		ug/L		105	80 - 120
Barium	500	477.2		ug/L		95	80 - 120

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: LCS 560-86722/2-A

Matrix: Water

Analysis Batch: 87186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Magnesium	50000	50320		ug/L		101	80 - 120
Beryllium	500	590.2		ug/L		118	80 - 120
Sodium	50000	51310		ug/L		103	80 - 120
Cadmium	500	489.1		ug/L		98	80 - 120
Strontium	500	508.9		ug/L		102	80 - 120
Chromium	500	507.2		ug/L		101	80 - 120
Copper	500	495.2		ug/L		99	80 - 120
Manganese	5000	5115		ug/L		102	80 - 120
Nickel	500	495.1		ug/L		99	80 - 120
Lead	500	517.2		ug/L		103	80 - 120
Selenium	500	504.0		ug/L		101	80 - 120
Thallium	200	173.0		ug/L		87	80 - 120
Zinc	500	505.5		ug/L		101	80 - 120
Antimony	500	521.0		ug/L		104	80 - 120
Aluminum	50000	51250		ug/L		103	80 - 120
Iron	50000	49980		ug/L		100	80 - 120

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 87186

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	74000		50000	123100		ug/L		98	80 - 120
Silver	<0.941		500	529.0		ug/L		106	80 - 120
Arsenic	<1.09		500	512.0		ug/L		102	80 - 120
Potassium	1500		50000	51020		ug/L		99	80 - 120
Barium	57.7		500	551.8		ug/L		99	80 - 120
Magnesium	16900		50000	65060		ug/L		96	80 - 120
Beryllium	<1.24		500	600.9		ug/L		120	80 - 120
Sodium	11900		50000	61570		ug/L		99	80 - 120
Cadmium	<0.854		500	497.9		ug/L		100	80 - 120
Strontium	724		500	1260		ug/L		107	80 - 120
Chromium	<1.40		500	524.4		ug/L		105	80 - 120
Copper	<2.00		500	490.9		ug/L		98	80 - 120
Manganese	<11.6		5000	4949		ug/L		99	80 - 120
Nickel	<2.17		500	490.8		ug/L		98	80 - 120
Lead	1.87 J		500	504.9		ug/L		101	80 - 120
Selenium	3.09 J		500	465.1		ug/L		92	80 - 120
Thallium	<0.693		200	164.3		ug/L		82	80 - 120
Zinc	<3.55		500	514.6		ug/L		103	80 - 120
Antimony	<1.61		500	534.0		ug/L		107	80 - 120
Aluminum	<22.5		50000	49540		ug/L		99	80 - 120
Iron	<101		50000	48080		ug/L		96	80 - 120

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 87186

Client Sample ID: HCS 110

Prep Type: Total/NA

Prep Batch: 86722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	74000		50000	127400		ug/L		107	80 - 120	3	20
Silver	<0.941		500	513.2		ug/L		103	80 - 120	3	20
Arsenic	<1.09		500	537.6		ug/L		108	80 - 120	5	20
Potassium	1500		50000	51880		ug/L		101	80 - 120	2	20
Barium	57.7		500	536.9		ug/L		96	80 - 120	3	20
Magnesium	16900		50000	66970		ug/L		100	80 - 120	3	20
Beryllium	<1.24		500	574.4		ug/L		115	80 - 120	5	20
Sodium	11900		50000	63310		ug/L		103	80 - 120	3	20
Cadmium	<0.854		500	478.5		ug/L		96	80 - 120	4	20
Strontium	724		500	1196		ug/L		94	80 - 120	5	20
Chromium	<1.40		500	512.3		ug/L		102	80 - 120	2	20
Copper	<2.00		500	500.4		ug/L		100	80 - 120	2	20
Manganese	<11.6		5000	5148		ug/L		103	80 - 120	4	20
Nickel	<2.17		500	491.9		ug/L		98	80 - 120	0	20
Lead	1.87 J		500	492.6		ug/L		98	80 - 120	2	20
Selenium	3.09 J		500	456.5		ug/L		91	80 - 120	2	20
Thallium	<0.693		200	162.8		ug/L		81	80 - 120	1	20
Zinc	<3.55		500	509.6		ug/L		102	80 - 120	1	20
Antimony	<1.61		500	514.1		ug/L		103	80 - 120	4	20
Aluminum	<22.5		50000	50350		ug/L		101	80 - 120	2	20
Iron	<101		50000	49950		ug/L		100	80 - 120	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 560-86879/28-A

Matrix: Water

Analysis Batch: 86878

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000130		0.00200	0.000130	mg/L		04/19/13 08:10	04/19/13 13:52	1

Lab Sample ID: MB 560-86879/4-A

Matrix: Water

Analysis Batch: 86878

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 86879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000130		0.00200	0.000130	mg/L		04/19/13 08:10	04/19/13 12:40	1

Lab Sample ID: LCS 560-86879/29-A

Matrix: Water

Analysis Batch: 86878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.005520		mg/L		110	80 - 120

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 560-86879/5-A

Matrix: Water

Analysis Batch: 86878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 86879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.005370		mg/L		107	80 - 120

Lab Sample ID: 560-39287-7 MS

Matrix: Water

Analysis Batch: 86878

Client Sample ID: HCS 140 FD

Prep Type: Total/NA

Prep Batch: 86879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.000130		0.00500	0.004820		mg/L		96	80 - 120

Lab Sample ID: 560-39287-7 MSD

Matrix: Water

Analysis Batch: 86878

Client Sample ID: HCS 140 FD

Prep Type: Total/NA

Prep Batch: 86879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.000130		0.00500	0.004740		mg/L		95	80 - 120	2	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 560-86740/4

Matrix: Water

Analysis Batch: 86740

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			04/16/13 13:36	1
Chloride	<0.192		1.00	0.192	mg/L			04/16/13 13:36	1
Nitrate as N	<0.103		0.500	0.103	mg/L			04/16/13 13:36	1
Sulfate	<0.377		1.00	0.377	mg/L			04/16/13 13:36	1

Lab Sample ID: LCS 560-86740/5

Matrix: Water

Analysis Batch: 86740

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	5.140		mg/L		103	90 - 110
Chloride	10.0	10.41		mg/L		104	90 - 110
Nitrate as N	5.00	5.245		mg/L		105	90 - 110
Sulfate	20.0	19.74		mg/L		99	90 - 110

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 86740

Client Sample ID: HCS 110

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	<0.315		5.00	5.037		mg/L		101	80 - 120
Chloride	20.5		10.0	30.31		mg/L		98	80 - 120
Nitrate as N	1.22		5.00	6.382		mg/L		103	80 - 120
Sulfate	27.0		20.0	45.44		mg/L		92	80 - 120

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 86740

Client Sample ID: HCS 110

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromide	<0.315		5.00	5.064		mg/L		101	80 - 120	1	20
Chloride	20.5		10.0	30.35		mg/L		98	80 - 120	0	20
Nitrate as N	1.22		5.00	6.332		mg/L		102	80 - 120	1	20
Sulfate	27.0		20.0	45.51		mg/L		93	80 - 120	0	20

Method: 340.2 - Fluoride

Lab Sample ID: MB 560-86938/3

Matrix: Water

Analysis Batch: 86938

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			04/22/13 08:45	1

Lab Sample ID: LCS 560-86938/4

Matrix: Water

Analysis Batch: 86938

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	0.7570		mg/L		95	85 - 115

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 600-104593/3

Matrix: Water

Analysis Batch: 104593

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	0.7428	J	1.00	0.432	mg/L			04/23/13 14:07	1

Lab Sample ID: LCS 600-104593/4

Matrix: Water

Analysis Batch: 104593

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	10.75		mg/L		107	90 - 110

Lab Sample ID: MB 600-104683/10

Matrix: Water

Analysis Batch: 104683

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	0.6149	J	1.00	0.432	mg/L			04/24/13 14:11	1

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 600-104683/11

Matrix: Water

Analysis Batch: 104683

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	10.82		mg/L		108	90 - 110

Lab Sample ID: 560-39287-5 MS

Matrix: Water

Analysis Batch: 104683

Client Sample ID: HCS 160

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Kjeldahl	1.50	B	10.0	11.92		mg/L		104	90 - 110

Lab Sample ID: 560-39287-5 MSD

Matrix: Water

Analysis Batch: 104683

Client Sample ID: HCS 160

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	1.50	B	10.0	11.86		mg/L		104	90 - 110	0	20

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-274597/2-A

Matrix: Water

Analysis Batch: 274834

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 274597

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus	<0.0410		0.100	0.0410	mg/L		04/26/13 16:00	04/29/13 13:17	1

Lab Sample ID: LCS 680-274597/1-A

Matrix: Water

Analysis Batch: 274834

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 274597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus	2.00	2.153		mg/L		108	60 - 140

Method: 9040C - pH

Lab Sample ID: LCS 560-86822/2

Matrix: Water

Analysis Batch: 86822

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	5.020		SU		101	98 - 102

Lab Sample ID: 560-39287-1 DU

Matrix: Water

Analysis Batch: 86822

Client Sample ID: HCS 110

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.52	HF	7.520		SU		0	20

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

Method: 9060 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 560-86848/3

Matrix: Water

Analysis Batch: 86848

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	0.3960	J	1.00	0.285	mg/L			04/18/13 16:56	1

Lab Sample ID: LCS 560-86848/4

Matrix: Water

Analysis Batch: 86848

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	21.69		mg/L		87	80 - 120

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 86848

Client Sample ID: HCS 110

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.28	B	10.0	9.766		mg/L		85	75 - 125

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 86848

Client Sample ID: HCS 110

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	1.28	B	10.0	9.729		mg/L		84	75 - 125	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 560-86785/1

Matrix: Water

Analysis Batch: 86785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	91.40		mg/L		91	85 - 115

Lab Sample ID: LCS 560-86785/14

Matrix: Water

Analysis Batch: 86785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: LCS 560-86785/23

Matrix: Water

Analysis Batch: 86785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86728/1

Matrix: Water

Analysis Batch: 86728

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10.0		10.0	10.0	mg/L			04/16/13 15:00	1

Lab Sample ID: LCS 560-86728/2

Matrix: Water

Analysis Batch: 86728

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	2250	2176		mg/L		97	80 - 120

Lab Sample ID: MB 560-86811/1

Matrix: Water

Analysis Batch: 86811

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10.0		10.0	10.0	mg/L			04/17/13 16:45	1

Lab Sample ID: LCS 560-86811/2

Matrix: Water

Analysis Batch: 86811

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	2250	2016		mg/L		90	80 - 120

Lab Sample ID: 560-39287-3 MS

Matrix: Water

Analysis Batch: 86811

Client Sample ID: HCS 130

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	309		2250	2370		mg/L		92	75 - 125

Lab Sample ID: 560-39287-3 MSD

Matrix: Water

Analysis Batch: 86811

Client Sample ID: HCS 130

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids	309		2250	2362		mg/L		91	75 - 125	0	20

Lab Sample ID: MB 560-86832/1

Matrix: Water

Analysis Batch: 86832

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10.0		10.0	10.0	mg/L			04/18/13 15:00	1

Lab Sample ID: LCS 560-86832/2

Matrix: Water

Analysis Batch: 86832

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	2250	2148		mg/L		95	80 - 120

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: MB 560-86781/1

Matrix: Water

Analysis Batch: 86781

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			04/17/13 12:15	1

Lab Sample ID: MB 560-86781/25

Matrix: Water

Analysis Batch: 86781

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			04/17/13 12:15	1

Lab Sample ID: LCS 560-86781/2

Matrix: Water

Analysis Batch: 86781

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	201.5		mg/L		101	80 - 120

Lab Sample ID: LCS 560-86781/26

Matrix: Water

Analysis Batch: 86781

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	198.5		mg/L		99	80 - 120

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

Lab Sample ID: MB 560-87341/1-A

Matrix: Water

Analysis Batch: 87343

Client Sample ID: Method Blank

Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	<0.285		1.00	0.285	mg/L			04/30/13 09:29	1

Lab Sample ID: LCS 560-87341/2-A

Matrix: Water

Analysis Batch: 87343

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	23.87		mg/L		95	80 - 120

Lab Sample ID: 560-39287-1 MS

Matrix: Water

Analysis Batch: 87343

Client Sample ID: HCS 110

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	1.58	H	10.0	16.60	H F	mg/L		150	75 - 125

TestAmerica Corpus Christi

QC Sample Results

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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

Lab Sample ID: 560-39287-1 MSD

Matrix: Water

Analysis Batch: 87343

Client Sample ID: HCS 110

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	1.58	H	10.0	15.92	H F	mg/L	—	143	75 - 125	4	20

Certification Summary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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		0399-01	05-31-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
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
Pennsylvania	NELAP	3	68-00474	06-30-13

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

TestAmerica Corpus Christi

Certification Summary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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
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

Method Summary

Client: Edwards Aquifer Authority
Project/Site: Surface HCP

TestAmerica Job ID: 560-39287-1

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: Surface HCP

TestAmerica Job ID: 560-39287-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
560-39287-1	HCS 110	Water	04/15/13 10:00	04/16/13 07:45
560-39287-2	HCS 120	Water	04/15/13 10:35	04/16/13 07:45
560-39287-3	HCS 130	Water	04/15/13 12:20	04/16/13 07:45
560-39287-4	HCS 140	Water	04/15/13 11:15	04/16/13 07:45
560-39287-5	HCS 160	Water	04/15/13 13:00	04/16/13 07:45
560-39287-6	Trip Blank	Water	04/15/13 00:00	04/16/13 07:45
560-39287-7	HCS 140 FD	Water	04/15/13 11:15	04/16/13 07:45
560-39287-8	EB	Water	04/15/13 11:30	04/16/13 07:45

Chain of Custody Record

Client Information Client Contact: Gizelle Luevano Phone: _____ Email: _____		Lab PM: Matigot, Lindy E-Mail: lindy.matingot@testamericainc.com		Carrier Tracking Note(s): COC No: 560-8347-891 Page: _____ Page Count: _____ Loc: 560 Job #: 39287	
Company: Edwards Aquifer Authority Address: 1615 North St. Mary's Street City: San Antonio State: TX Zip: 78215 Phone: _____ Email: gluevano@edwardsaquifer.org Project Name: Surface HCP Project #: 56002565 SSOW#: N/A		Analysis Requested Due Date Requested: _____ TAT Requested (days): _____ PO #: _____ Purchase Order not required WO #: _____ Matrix: (W=water, S=solid, O=wastewater, B=biological, T=tissue, A=air) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code Matrix			
Sample Identification HCS 110 HCS 120 HCS 130 HCS 140 HCS 160 Trip Blank HCS 140 FD		Field Filtered Sample (Yes or No) VOC Selected Metals TOC 802A SVOC 8141A - Tallahassee 8151A - Savannah Total Phosphorus - Savannah TKN - Houston		Total Number of Containers Special Instructions/Note: OBS 10000 0.5°C 10.7°C 1.0°C 11.2°C 3.7°C 13.9°C 2.1°C 12.3°C 3.2°C 13.4°C 1.9°C 12.1°C 1.3°C 11.5°C 3.3°C 13.5°C 2.4°C 12.6°C 3.1°C 13.3°C	
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) _____					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements: _____					
Empty Kit Relinquished by: _____ Relinquished by: _____ Relinquished by: _____ Relinquished by: _____		Date: 4/15/13 1445 Date: 4/15/13 1445 Date: 4/15/13 1445 Date: 4/15/13 1445		Method of Shipment: _____ Date/Time: 4-15-13 1445 Date/Time: 4/15/13 @ 7:45 Date/Time: _____	
Custody Seal Intact: (A Yes) (B No) Custody Seal No.: _____		Cooler Temperature(s) °C and Other Remarks: _____			

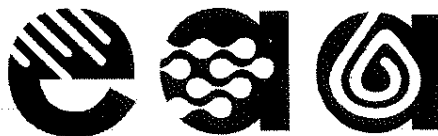
TestAmerica Corpus Christi
1733 N. Padre Island Drive
Corpus Christi, TX 78408
Phone (361) 289-2673 Fax (361) 289-2471

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sample ID: CL		Lab P.M.: Maingot, Lindy		Carrier Tracking No(s):		COC No: 560-8347-891	
Client Contact: Gizelle Luevano		Phone: (210) 222-2204		E-Mail: lindy.maingot@testamerica.com				Page: 39287	
Company: Edwards Aquifer Authority		Address: 1615 North St. Mary's Street		City: San Antonio		State, Zip: TX, 78215		Job #:	
Email: gluevano@edwardsaquifer.org		PO #: Purchase Order not required		WO #:		Project #: 56002565		Preservation Codes:	
Surface HCP		SSOW#:		Site:		SOW#:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Due Date Requested:		TAT Requested (days):		PO #:		WO #:		Project #:	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=organic, A=air)	
EB		4/15/13		1130		G7		Water	
Trip Blank								Water	
Field Filtered Sample (Yes or No)		Field Filtered Sample (Yes or No)		Field Filtered Sample (Yes or No)		Field Filtered Sample (Yes or No)		Field Filtered Sample (Yes or No)	
VOC		X		X		X		X	
GWAP, DOC Lab Filtered		X		X		X		X	
Selected Metals		X		X		X		X	
TOC		X		X		X		X	
SVOC		X		X		X		X	
8081		X		X		X		X	
814A - Tallahassee		X		X		X		X	
815A - Savannah		X		X		X		X	
TKN - Houston		X		X		X		X	
Total Number of Containers		19		19		19		19	
Special Instructions/Note:		0.5°C 10.7°C		1.0°C 11.2°C		3.7°C 13.9°C		2.1°C 12.3°C	
		3.2°C 13.4°C		1.9°C 12.1°C		1.3°C 11.5°C		3.3°C 13.5°C	
		2.4°C 12.6°C		3.1°C 13.3°C					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client		Disposal By Lab		Archive For		Months	
Possible Hazard Identification		Non-Hazard		Flammable		Skin Irritant		Toxic	
Deliverable Requested: I, II, III, IV, Other (specify)		Unknown		Radiological					
Empty Kit Relinquished by:		Date:		Date:		Date:		Date:	
Relinquished by:		4/15/13		1445		Company		Company	
Relinquished by:		4/15/13		1445		Company		Company	
Relinquished by:		4/15/13		1445		Company		Company	
Custody Seals Intact:		Custody Seal No.:		Custody Seal No.:		Custody Seal No.:		Custody Seal No.:	
Yes ☒ No ☐		Yes ☒ No ☐		Yes ☒ No ☐		Yes ☒ No ☐		Yes ☒ No ☐	



EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SURFACE WATER

Site Information

Station Name:	
Location: HCS 110	
Owner/Contact: Edwards Aquifer Authority	
Address: 900 East Quincy	
County: <u>Comal</u>	
Point of Collection:	
Date: <u>4/15/2013</u>	Time: <u>0950</u>
Ambient Temp: <u>75°F</u>	Collector(s): <u>MH, GL</u>
Weather: <u>Mostly Cloudy</u>	

Field Readings

Time Sampled:	<u>9:43</u>	<u>1000</u>
pH:	<u>7.43</u>	
Temperature:	<u>22.8 °C</u>	
Conductivity:	<u>552 µs/cm</u>	
Dissolved Oxygen:	<u>3.85 mg/l</u>	
Turbidity:	<u>10.0 NTU</u>	

Equal-Width-Increment Method

Transect Width:	<u>50'</u>
Flow/Appearance:	<u>MURKY</u>

Instrument Calibration

Conductivity Meter #	
Standard	Meter Reading
500	<u>Confidence</u>
1000	<u>Solution</u>
10000	
pH Meter #	
Standard	Meter Reading
Buffer 4.0	<u>Confidence</u>
Buffer 7.0	<u>Solution</u>
Buffer 10.0	
pH Meter #	
Standard	Meter Reading
DI water in bottle	

Alkalinity

	mL of Sample	mL of Acid	Total Alk	
Rep. 1				Ave. Total Alk.
Rep. 2				
Rep. 3				

Type of Analysis: (circle all that apply)

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

Latitude:	Longitude:
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Sampling Conditions

Gage Readings	Time	Level
Before Sampling		
After Sampling		
Hydrologic Event	Hydrologic Condition	
Storm	<u>Stable, Low</u>	
Drought	Falling	
Spill	Stable, High	
Regulated Flow	Rising	
<u>Routine Sample</u>	Stable, Normal	

updated 12/21/12



EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SURFACE WATER

Site Information

Station Name:
Location: HCS 120
Owner/Contact: Edwards Aquifer Authority
Address: 900 East Quincy
County: <u>Cornwall</u>
Point of Collection: <u>in front of James Dink</u> <u>memorial</u>
Date: <u>4/15/2013</u> Time: <u>1030</u>
Ambient Temp. <u>75°F</u> Collector(s): <u>GL</u>
Weather: <u>mostly cloudy</u>

Instrument Calibration

Conductivity Meter #	
Standard	Meter Reading
500	<u>Confidence</u>
1000	<u>Solution</u>
10000	<u>Recorder in Cal</u> <u>book</u>
pH Meter #	
Standard	Meter Reading
Buffer 4.0	<u>Confidence</u>
Buffer 7.0	<u>Solution</u>
Buffer 10.0	<u>Rec in c</u>
pH Meter #	
Standard	Meter Reading
DI water in bottle	

Sampling Conditions

Gage Readings	Time	Level
Before Sampling		
After Sampling		
Hydrologic Event	Hydrologic Condition	
Storm	<u>Stable, Low</u>	
Drought	<u>Falling</u>	
Spill	<u>Stable, High</u>	
Regulated Flow	<u>Rising</u>	
<u>Routine Sample</u>	<u>Stable, Normal</u>	

Field Readings

Time Sampled: <u>1035</u>
pH: <u>7.23</u>
Temperature: <u>23.53°C</u>
Conductivity: <u>576</u>
Dissolved Oxygen: <u>5.42</u>
Turbidity: <u>GL 1.25 NTU</u>

Equal-Width-Increment Method

Transect Width: <u>100'</u>
Flow/Appearance: <u>clear & well mixed</u>

Alkalinity

	mL of Sample	mL of Acid	Total Alk	
Rep. 1				Ave. Total Alk.
Rep. 2				
Rep. 3				

Type of Analysis: (circle all that apply)

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

Latitude:	Longitude:
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updated 12/21/12



EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SURFACE WATER

Site Information

Station Name:	
Location: HCS 130	
Owner/Contact: Edwards Aquifer Authority	
Address: 900 East Quincy	
County: <u>Comal</u>	
Point of Collection: <u>off bridge</u>	
Date: <u>4/15/2013</u>	Time:
Ambient Temp: <u>80°F</u>	Collector(s): <u>GL</u>
Weather: <u>Mostly Cloudy</u>	

Instrument Calibration

Conductivity Meter #	
Standard	Meter Reading
500	<u>Confidence Solution</u>
1000	
10000	
pH Meter #	
Standard	Meter Reading
Buffer 4.0	<u>Rec'd in Cal book</u>
Buffer 7.0	
Buffer 10.0	
pH Meter #	
Standard	Meter Reading
DI water in bottle	

Sampling Conditions

Gage Readings	Time	Level
Before Sampling		
After Sampling		
Hydrologic Event	Hydrologic Condition	
Storm	<u>Stable, Low</u>	
Drought	Falling	
Spill	Stable, High	
Regulated Flow	Rising	
<u>Routine Sample</u>	Stable, Normal	

Field Readings

Time Sampled: <u>1220</u>
pH: <u>7.35</u>
Temperature: <u>23.86°C</u>
Conductivity: <u>578</u>
Dissolved Oxygen: <u>7.91</u>
Turbidity: <u>3.83</u>

Equal-Width-Increment Method

Transect Width: <u>50'</u>
Flow/Appearance: <u>clear & well mixed</u>

Alkalinity

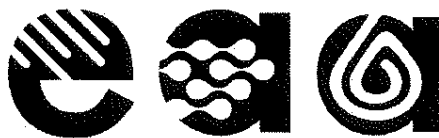
	mL of Sample	mL of Acid	Total Alk	
Rep.1				Ave. Total Alk.
Rep.2				
Rep.3				

Type of Analysis: (circle all that apply)

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

Latitude:	Longitude:
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updated 12/21/12



EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SURFACE WATER

Site Information

Station Name:	
Location: HCS 140	
Owner/Contact: Edwards Aquifer Authority	
Address: 900 East Quincy	
County:	
Point of Collection:	
Date: 4/15/2013	Time: 1100
Ambient Temp: 75°F	Collector(s): BL
Weather: Mostly Cloudy	

Instrument Calibration

Conductivity Meter #	
Standard	Meter Reading
500	Confidence Solution
1000	
10000	
pH Meter #	
Standard	Meter Reading
Buffer 4.0	Read in cal book
Buffer 7.0	
Buffer 10.0	
pH Meter #	
Standard	Meter Reading
DI water in bottle	

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	

Field Readings

Time Sampled:	10:56
pH:	7.48
Temperature:	23.43
Conductivity:	575
Dissolved Oxygen:	6.8
Turbidity:	6.05 FD=6.71

Equal-Width-Increment Method

Transect Width:	10'
Flow/Appearance:	Clear & well mixed

Alkalinity

	mL of Sample	mL of Acid	Total Alk	
Rep. 1				Ave. Total Alk.
Rep. 2				
Rep. 3				

Type of Analysis: (circle all that apply)

GWQP	Select. Met.	081	082	041	051
TOC	T. Phosphorous	TKN	E. Coli MPN	DOC	VOC
TB	SWOCs				

Latitude:	Longitude:
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updated 12/21/12



EDWARDS AQUIFER AUTHORITY

Water Quality Field Data Sheet

HCP SURFACE WATER

Site Information

Station Name:	
Location: HCS 160	
Owner/Contact: Edwards Aquifer Authority	
Address: 900 East Quincy	
County: <u>Comal</u>	
Point of Collection: <u>off Bridge</u>	
Date: <u>4/15/2013</u>	Time:
Ambient Temp. <u>80°F</u>	Collector(s): <u>EL</u>
Weather: <u>Mostly Sunny</u>	

Instrument Calibration

Conductivity Meter #	
Standard	Meter Reading
500	<u>Confidence</u>
1000	<u>8000</u>
10000	
pH Meter #	
Standard	Meter Reading
Buffer 4.0	<u>Rec'd in</u>
Buffer 7.0	<u>cal book</u>
Buffer 10.0	
pH Meter #	
Standard	Meter Reading
DI water in bottle	

Sampling Conditions

Gage Readings	Time	Level
Before Sampling		
After Sampling		
Hydrologic Event	Hydrologic Condition	
Storm	<u>Stable, Low</u>	
Drought	Falling	
Spill	Stable, High	
<u>Regulated Flow</u>	Rising	
<u>Routine Sample</u>	Stable, Normal	

Field Readings

Time Sampled:	<u>12:45</u> ^{<u>Simplex</u>} <u>1300</u>
pH:	<u>7.6</u>
Temperature:	<u>23.55</u>
Conductivity:	<u>579</u>
Dissolved Oxygen:	<u>7.14</u>
Turbidity:	<u>6.35</u>

Equal-Width-Increment Method

Transect Width:
Flow/Appearance:

Alkalinity

	mL of Sample	mL of Acid	Total Alk	
Rep. 1				Ave. Total Alk.
Rep. 2				
Rep. 3				

Type of Analysis: (circle all that apply)

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

Latitude:	Longitude:
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updated 12/21/12

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-39287-1

Login Number: 39287

List Source: TestAmerica Corpus Christi

List Number: 1

Creator: Adams, Christi L

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

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-39287-1

Login Number: 39287

List Number: 1

Creator: Pulumbarit, Josh

List Source: TestAmerica Houston

List Creation: 04/17/13 11:47 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	4.6
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: 560-39287-1

Login Number: 39287

List Number: 1

Creator: Conner, Keaton

List Source: TestAmerica Savannah

List Creation: 04/17/13 02:05 PM

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

Login Sample Receipt Checklist

Client: Edwards Aquifer Authority

Job Number: 560-39287-1

Login Number: 39287

List Source: TestAmerica Tallahassee

List Number: 1

List Creation: 04/17/13 12:52 PM

Creator: Delp, Eric

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	