TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 240-21987-1
Client Project/Site: RVAAP - ECC

For:
Environmental Chemical Corp.
33 Boston Post Road West
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Attn: Mr. Al Easterday

Authorized for release by:
4/4/2013 5:43:23 PM

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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.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
^	Instrument related QC exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
^	Instrument related QC exceeds the control limits

GC VOA

Qualifier	Qualifier Description
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
^	Instrument related QC exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.
M	Manual integrated compound.
Q	One or more quality control criteria failed.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
^	Instrument related QC exceeds the control limits

HPLC/IC

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.
M	Manual integrated compound.
J	Estimated: The analyte was positively identified; the quantitation is an estimation

Metals

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
Q	One or more quality control criteria failed.
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.

General Chemistry

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-21987-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-21987-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

The 353.2 Nitrocellulose, 8330 Nitroguanidine, and 8330B Explosives analysis were performed at the TestAmerica Sacramento Laboratory. The 6020 Metals analysis was performed at the TestAmerica Pittsburgh Laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters for which TestAmerica North Canton has certification were evaluated to the limit of detection (LOD) and include qualified results where applicable. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

RECEIPT

The samples were received on 03/14/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.4 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 079-0007-0001-SOURCEWATER (240-21987-1) and 079-0008-0001-TB TRIP BLANK (240-21987-2) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were analyzed on 03/28/2013.

Methylene Chloride was detected in method blank MB 240-79725/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above

Job ID: 240-21987-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK), Acetone and Bromoform failed the recovery criteria low for MRL 240-79725/14. Chloromethane, Methylene Chloride and Vinyl chloride failed the recovery criteria high. 2-Butanone (MEK) failed the recovery criteria low for MRL 240-79725/5. Carbon tetrachloride and Methylene Chloride failed the recovery criteria high. Refer to the QC report for details.

The continuing calibration verification (CCV) for Carbon tetrachloride associated with batch 79725 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the VOCs analyses. All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/15/2013 and analyzed on 03/28/2013.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-78456/17-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

The independent calibration (ICV) associated with DOD job 21987 exceeded control criteria for several analytes. This standard has many acid analytes recovered between 70-80%; below the 80% acceptance limit. Because the laboratory is currently transitioning to different standard sources a new (more compliant) independent second is not yet available. The data have been qualified and reported.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 78456, 8270.

No other difficulties were encountered during the SVOCs analysis. All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Samples 079-0007-0001-SOURCEWATER (240-21987-1) and 079-0009-0001-TB TRIP BLANK (240-21987-3) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO DoD. The samples were analyzed on 03/23/2013.

C6-C12 was detected in method blank MB 240-79100/38 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

Trifluorotoluene (Surr) failed the surrogate recovery criteria low for MRL 240-79100/45. Refer to the QC report for details.

C6-C12 failed the recovery criteria high for MRL 240-79100/37. C6-C12 failed the recovery criteria high for MRL 240-79100/45. Refer to the QC report for details.

The method reporting limit (MRL) for C6-C12 associated with batch 79100 recovered above the upper control limit. The samples associated with this MRL were non-detects for the affected analytes; therefore, the data have been reported.079-0007-0001-SOURCEWATER (240-21987-1), 079-0009-0001-TB TRIP BLANK (240-21987-3).

The Total Petroleum Hydrocarbon - Gasoline Range Organics (TPH GRO) analysis is performed using a Gas Chromatography Flame Ionization Detector (GC FID). The FID measures electrical current generated as carbon containing compounds are burned. An FID is considered a non-selective detector. The TPH GRO method measures any signals generated over a specific carbon range. Standard ranges are C6-C10 or C6-C12 dependent on client/regulatory requirements. Quantitation is based on the summation of peak areas within a carbon range. Because the FID is non-selective, any carbon compound that elutes within the carbon range is included in the quantitation. It is not uncommon to have a low level detection as estimated values due to the non-specificity of the FID Detector.

No other difficulties were encountered during the GRO analyses. All other quality control parameters were within the acceptance limits.

Job ID: 240-21987-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

NITROGUANIDINE (HPLC)

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for nitroguanidine (HPLC) in accordance with EPA SW-846 Method 8330_Ngu. The samples were prepared on 03/19/2013 and analyzed on 03/21/2013 and 03/22/2013.

No difficulties were encountered during the explosives analysis. All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015B - DRO DoD. The samples were prepared on 03/18/2013 and analyzed on 03/21/2013.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 78624, 8015.

No other difficulties were encountered during the DRO analysis. All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A DoD. The samples were prepared on 03/19/2013 and analyzed on 03/21/2013.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 78726, 8081.

The continuing calibration verification (CCV) and method reporting limit standard (MRL) for methoxychlor associated with batch 79056 recovered above the upper control limit on the primary column. The confirmation column met criteria and the samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the pesticides analysis. All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082 DOD. The samples were prepared on 03/19/2013 and analyzed on 03/27/2013.

This method incorporates the use of second column confirmation. Corrective action for unacceptable percent recovery is not taken for surrogate or spike compounds unless the results from both columns are outside criteria. Any results which fall outside criteria are qualified and reported.

The confirmation column opening CCV and MRL for this sample failed high. Since the sample was ND no corrective action is required.

No other difficulties were encountered during the PCBs analysis. All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A DoD. The samples were prepared on 03/18/2013 and analyzed on 03/22/2013.

2,4,5-T and Dichlorprop failed the recovery criteria high for LCS 240-78626/4-A. Refer to the QC report for details.

The opening and closing MRL failed low for MCPA and MCPP. The low bias of the standard is due to the quadratic curve used to calibrate for these two compounds.

The laboratory control sample (LCS) for batch prep 78626 exceeded control limits for the following analytes: Dichloroprop and 2,4,5-T. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. (LCS 240-78626/4-A).

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 78626. 8151.

No other difficulties were encountered during the herbicides analysis. All other quality control parameters were within the acceptance limits.

Job ID: 240-21987-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

NITROAROMATICS AND NITRAMINES (HPLC)

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for Nitroaromatics and Nitramines (HPLC) in accordance with EPA SW-846 Method 8330B. The samples were prepared on 03/19/2013 and analyzed on 03/21/2013.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 320-12565.

No other difficulties were encountered during the explosives analysis. All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020 DoD. The samples were prepared on 03/18/2013 and analyzed on 04/01/2013.

ICB, CCB, and ICSA samples are evaluated using the lowest LOD and DL criteria in LIMS. Using this criteria, an individual element may occasionally be flagged as out of control. If the element has a higher LOD or DL, the data is evaluated to the higher limit and determined to be acceptable.

Several analytes were detected in method blank MB 180-66565/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

The interference check standard solution (ICSA) associated with batch 66565 showed results for one or more elements at a level greater than the limit of detection (LOD). It is believed that the solution contains trace impurities of this element / these elements and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution.

The method blank associated with batch 66565 contained sodium greater than one-half the reporting limit (RL). All associated samples had sodium conentrations > 10x the method blank concentration.

No other difficulties were encountered during the metals analysis. All other quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were analyzed on 03/14/2013.

No difficulties were encountered during the hexavalent chromium analysis. All quality control parameters were within the acceptance limits.

TOTAL MERCURY - DOD

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for Total Mercury - DOD in accordance with EPA SW-846 Method 7470A. The samples were prepared on 03/15/2013 and analyzed on 03/18/2013.

No difficulties were encountered during the mercury analysis. All quality control parameters were within the acceptance limits.

NITROCELLULOSE

Sample 079-0007-0001-SOURCEWATER (240-21987-1) was analyzed for Nitrocellulose in accordance with EPA Method 353.2. The samples were prepared and analyzed on 03/25/2013.

No difficulties were encountered during the Nitrocellulose analysis. All quality control parameters were within the acceptance limits.

Method Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Method	Method Description	Protocol	Laboratory
8260B/DoD	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8270C/DoD	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
8015B_GRO/DOD	Gasoline Range Organics (GRO)	SW846	TAL CAN
8015B_DRO/DOD	Diesel Range Organics (DRO) (GC)	SW846	TAL CAN
8081/DOD	Organochlorine Pesticides (GC)	SW846	TAL CAN
8082/DOD	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151/DOD	Herbicides (GC)	SW846	TAL CAN
8330 Modified	Nitroguanidine (HPLC)	SW846	TAL SAC
8330B	Nitroaromatics and Nitramines (HPLC)	SW846	TAL SAC
6020/DOD	Metals (ICP/MS)	SW846	TAL PIT
7470A/DOD	Mercury (CVAA)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
WS-WC-0050	Nitrocellulose	TAL-SAC	TAL SAC

Protocol References:

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

TAL-SAC = TestAmerica Laboratories, West Sacramento, Facility Standard Operating Procedure.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-21987-1	079-0007-0001-SOURCEWATER	Water	03/14/13 12:00	03/14/13 16:20
240-21987-2	079-0008-0001-TB TRIP BLANK	Water	03/14/13 08:00	03/14/13 16:20
240-21987-3	079-0009-0001-TB TRIP BLANK	Water	03/14/13 08:00	03/14/13 16:20

Detection Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0007-0001-SOURCEWATER — Lab Sample ID: 240-21987-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.91	J	2.0	0.81	ug/L	1		8270C/DoD	Total/NA
C6-C12	74	J B	100	25	ug/L	1		8015B_GRO/DOD	Total/NA
Dalapon	0.55	J	2.0	0.17	ug/L	1		8151/DOD	Total/NA
Nitroguanidine	6.0	J	20	2.4	ug/L	1		8330 Modified	Total/NA
Arsenic	0.48	J	1.0	0.29	ug/L	1		6020/DOD	Total Recoverable
Barium	41	Q	10	0.098	ug/L	1		6020/DOD	Total Recoverable
Calcium	65000		100	9.4	ug/L	1		6020/DOD	Total Recoverable
Chromium	1.3	J	2.0	0.54	ug/L	1		6020/DOD	Total Recoverable
Cobalt	0.054	J Q	0.50	0.026	ug/L	1		6020/DOD	Total Recoverable
Copper	1.4	J Q	2.0	0.24	ug/L	1		6020/DOD	Total Recoverable
Iron	590		50	11	ug/L	1		6020/DOD	Total Recoverable
Magnesium	27000		100	11	ug/L	1		6020/DOD	Total Recoverable
Manganese	94	Q	5.0	0.16	ug/L	1		6020/DOD	Total Recoverable
Sodium	37000	B	100	27	ug/L	1		6020/DOD	Total Recoverable
Thallium	0.11	J	1.0	0.10	ug/L	1		6020/DOD	Total Recoverable
Zinc	5.1	Q	5.0	0.96	ug/L	1		6020/DOD	Total Recoverable
Potassium	2500		100	32	ug/L	1		6020/DOD	Total Recoverable

Client Sample ID: 079-0008-0001-TB TRIP BLANK — Lab Sample ID: 240-21987-2

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.31	J	1.0	0.16	ug/L	1		8260B/DoD	Total/NA

Client Sample ID: 079-0009-0001-TB TRIP BLANK — Lab Sample ID: 240-21987-3

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
C6-C12	81	J B	100	25	ug/L	1		8015B_GRO/DOD	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0007-0001-SOURCEWATER
Date Collected: 03/14/13 12:00
Date Received: 03/14/13 16:20

Lab Sample ID: 240-21987-1
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.25	U	1.0	0.22	ug/L			03/28/13 11:21	1
1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.18	ug/L			03/28/13 11:21	1
1,1,2-Trichloroethane	0.50	U	1.0	0.27	ug/L			03/28/13 11:21	1
1,1-Dichloroethane	0.25	U	1.0	0.15	ug/L			03/28/13 11:21	1
1,1-Dichloroethene	0.25	U	1.0	0.19	ug/L			03/28/13 11:21	1
1,2-Dichloroethane	0.25	U	1.0	0.22	ug/L			03/28/13 11:21	1
1,2-Dichloroethene, Total	0.50	U	2.0	0.34	ug/L			03/28/13 11:21	1
1,2-Dichloropropane	0.25	U	1.0	0.18	ug/L			03/28/13 11:21	1
2-Butanone (MEK)	0.57	U	10	0.57	ug/L			03/28/13 11:21	1
2-Hexanone	0.50	U	10	0.41	ug/L			03/28/13 11:21	1
4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.32	ug/L			03/28/13 11:21	1
Acetone	1.1	U	10	1.1	ug/L			03/28/13 11:21	1
Benzene	0.25	U	1.0	0.13	ug/L			03/28/13 11:21	1
Bromoform	0.64	U	1.0	0.64	ug/L			03/28/13 11:21	1
Bromomethane	0.50	U	1.0	0.41	ug/L			03/28/13 11:21	1
Carbon disulfide	0.25	U	1.0	0.13	ug/L			03/28/13 11:21	1
Carbon tetrachloride	0.25	U	1.0	0.13	ug/L			03/28/13 11:21	1
Chlorobenzene	0.25	U	1.0	0.15	ug/L			03/28/13 11:21	1
Chloromethane	0.50	U	1.0	0.30	ug/L			03/28/13 11:21	1
cis-1,3-Dichloropropene	0.25	U	1.0	0.14	ug/L			03/28/13 11:21	1
Dibromochloromethane	0.25	U	1.0	0.18	ug/L			03/28/13 11:21	1
Bromodichloromethane	0.25	U	1.0	0.15	ug/L			03/28/13 11:21	1
Ethylbenzene	0.25	U	1.0	0.17	ug/L			03/28/13 11:21	1
Methyl tert-butyl ether	0.25	U	1.0	0.17	ug/L			03/28/13 11:21	1
Methylene Chloride	0.50	U	1.0	0.33	ug/L			03/28/13 11:21	1
Styrene	0.25	U	1.0	0.11	ug/L			03/28/13 11:21	1
Tetrachloroethene	0.50	U	1.0	0.29	ug/L			03/28/13 11:21	1
Toluene	0.25	U	1.0	0.13	ug/L			03/28/13 11:21	1
trans-1,3-Dichloropropene	0.25	U	1.0	0.19	ug/L			03/28/13 11:21	1
Trichloroethene	0.25	U	1.0	0.17	ug/L			03/28/13 11:21	1
Vinyl chloride	0.25	U	1.0	0.22	ug/L			03/28/13 11:21	1
Xylenes, Total	0.75	U	2.0	0.28	ug/L			03/28/13 11:21	1
Chloroform	0.25	U	1.0	0.16	ug/L			03/28/13 11:21	1
Bromochloromethane	0.50	U	1.0	0.29	ug/L			03/28/13 11:21	1
1,2-Dibromoethane	0.25	U	1.0	0.24	ug/L			03/28/13 11:21	1
Chloroethane	0.50	U	1.0	0.29	ug/L			03/28/13 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*85 - 120*		*03/28/13 11:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 120*		*03/28/13 11:21*	*1*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*		*03/28/13 11:21*	*1*
Dibromofluoromethane (Surr)	*108*		*85 - 115*		*03/28/13 11:21*	*1*

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Acenaphthylene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Anthracene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Benzo[a]anthracene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Benzo[a]pyrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0007-0001-SOURCEWATER
Date Collected: 03/14/13 12:00
Date Received: 03/14/13 16:20

Lab Sample ID: 240-21987-1
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Benzo[g,h,i]perylene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Benzoic acid	10	U	25	10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Benzo[k]fluoranthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Benzyl alcohol	0.81	U	5.1	0.38	ug/L		03/15/13 08:45	03/28/13 12:53	1
Bis(2-chloroethoxy)methane	0.81	U	1.0	0.32	ug/L		03/15/13 08:45	03/28/13 12:53	1
Bis(2-chloroethyl)ether	0.10	U	1.0	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
bis (2-chloroisopropyl) ether	0.81	U	1.0	0.40	ug/L		03/15/13 08:45	03/28/13 12:53	1
Bis(2-ethylhexyl) phthalate	**0.91**	**J**	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
4-Bromophenyl phenyl ether	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Butyl benzyl phthalate	0.81	U	1.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Carbazole	0.81	U	1.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:53	1
4-Chloroaniline	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
4-Chloro-3-methylphenol	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
2-Chloronaphthalene	0.10	U	1.0	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
2-Chlorophenol	0.81	U	1.0	0.29	ug/L		03/15/13 08:45	03/28/13 12:53	1
4-Chlorophenyl phenyl ether	0.81	U	2.0	0.30	ug/L		03/15/13 08:45	03/28/13 12:53	1
Chrysene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Dibenz(a,h)anthracene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Dibenzofuran	0.10	U	1.0	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
1,2-Dichlorobenzene	0.81	U	1.0	0.29	ug/L		03/15/13 08:45	03/28/13 12:53	1
1,3-Dichlorobenzene	0.81	U	1.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
1,4-Dichlorobenzene	0.81	U	1.0	0.34	ug/L		03/15/13 08:45	03/28/13 12:53	1
3,3'-Dichlorobenzidine	0.81	U	5.1	0.37	ug/L		03/15/13 08:45	03/28/13 12:53	1
2,4-Dichlorophenol	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Diethyl phthalate	0.81	U	1.0	0.61	ug/L		03/15/13 08:45	03/28/13 12:53	1
2,4-Dimethylphenol	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Dimethyl phthalate	0.81	U	1.0	0.29	ug/L		03/15/13 08:45	03/28/13 12:53	1
Di-n-butyl phthalate	0.81	U	1.0	0.68	ug/L		03/15/13 08:45	03/28/13 12:53	1
4,6-Dinitro-2-methylphenol	2.4	U	5.1	2.4	ug/L		03/15/13 08:45	03/28/13 12:53	1
2,4-Dinitrophenol	2.4	U	5.1	2.4	ug/L		03/15/13 08:45	03/28/13 12:53	1
2,4-Dinitrotoluene	0.81	U	5.1	0.27	ug/L		03/15/13 08:45	03/28/13 12:53	1
2,6-Dinitrotoluene	0.81	U	5.1	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Di-n-octyl phthalate	0.81	U	1.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Fluoranthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Fluorene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Hexachlorobenzene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Hexachlorobutadiene	0.81	U	1.0	0.27	ug/L		03/15/13 08:45	03/28/13 12:53	1
Hexachlorocyclopentadiene	0.81	U	10	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Hexachloroethane	0.81	U	1.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Indeno[1,2,3-cd]pyrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Isophorone	0.81	U	1.0	0.27	ug/L		03/15/13 08:45	03/28/13 12:53	1
2-Methylnaphthalene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
2-Methylphenol	0.81	U	1.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
3 & 4 Methylphenol	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
Naphthalene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
2-Nitroaniline	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
3-Nitroaniline	0.81	U	2.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:53	1
4-Nitroaniline	0.81	U	2.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0007-0001-SOURCEWATER
Date Collected: 03/14/13 12:00
Date Received: 03/14/13 16:20

Lab Sample ID: 240-21987-1
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.10	U	1.0	0.040	ug/L		03/15/13 08:45	03/28/13 12:53	1
2-Nitrophenol	0.81	U	2.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:53	1
4-Nitrophenol	2.4	U	5.1	2.4	ug/L		03/15/13 08:45	03/28/13 12:53	1
N-Nitrosodi-n-propylamine	0.81	U	1.0	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1
N-Nitrosodiphenylamine	0.81	U	1.0	0.31	ug/L		03/15/13 08:45	03/28/13 12:53	1
Pentachlorophenol	2.4	U	5.1	2.4	ug/L		03/15/13 08:45	03/28/13 12:53	1
Phenanthrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
Phenol	0.81	U	1.0	0.61	ug/L		03/15/13 08:45	03/28/13 12:53	1
Pyrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:53	1
1,2,4-Trichlorobenzene	0.81	U	1.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:53	1
2,4,5-Trichlorophenol	0.81	U	5.1	0.30	ug/L		03/15/13 08:45	03/28/13 12:53	1
2,4,6-Trichlorophenol	0.81	U	5.1	0.81	ug/L		03/15/13 08:45	03/28/13 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*64*		*50 - 110*	*03/15/13 08:45*	*03/28/13 12:53*	*1*
2-Fluorophenol (Surr)	*55*		*20 - 110*	*03/15/13 08:45*	*03/28/13 12:53*	*1*
Nitrobenzene-d5 (Surr)	*68*		*40 - 110*	*03/15/13 08:45*	*03/28/13 12:53*	*1*
Phenol-d5 (Surr)	*59*		*10 - 115*	*03/15/13 08:45*	*03/28/13 12:53*	*1*
Terphenyl-d14 (Surr)	*93*		*50 - 135*	*03/15/13 08:45*	*03/28/13 12:53*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*40 - 125*	*03/15/13 08:45*	*03/28/13 12:53*	*1*

Method: 8015B_GRO/DOD - Gasoline Range Organics (GRO)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	74	J B	100	25	ug/L			03/23/13 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*73*		*10 - 150*		*03/23/13 09:27*	*1*

Method: 8015B_DRO/DOD - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C20	230	U	490	230	ug/L		03/18/13 10:31	03/21/13 17:45	1
C20-C34	230	U	490	230	ug/L		03/18/13 10:31	03/21/13 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Nonane	*52*		*10 - 110*	*03/18/13 10:31*	*03/21/13 17:45*	*1*

Method: 8081/DOD - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.010	U	0.050	0.0096	ug/L		03/19/13 09:10	03/21/13 17:36	1
4,4'-DDE	0.010	U	0.050	0.0097	ug/L		03/19/13 09:10	03/21/13 17:36	1
4,4'-DDT	0.030	U	0.050	0.016	ug/L		03/19/13 09:10	03/21/13 17:36	1
Aldrin	0.010	U	0.050	0.0082	ug/L		03/19/13 09:10	03/21/13 17:36	1
alpha-BHC	0.010	U	0.050	0.0070	ug/L		03/19/13 09:10	03/21/13 17:36	1
alpha-Chlordane	0.014	U	0.050	0.014	ug/L		03/19/13 09:10	03/21/13 17:36	1
beta-BHC	0.010	U	0.050	0.0084	ug/L		03/19/13 09:10	03/21/13 17:36	1
delta-BHC	0.010	U	0.050	0.0087	ug/L		03/19/13 09:10	03/21/13 17:36	1
Dieldrin	0.010	U	0.050	0.0075	ug/L		03/19/13 09:10	03/21/13 17:36	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		03/19/13 09:10	03/21/13 17:36	1
Endosulfan II	0.012	U	0.050	0.012	ug/L		03/19/13 09:10	03/21/13 17:36	1
Endosulfan sulfate	0.011	U	0.050	0.011	ug/L		03/19/13 09:10	03/21/13 17:36	1
Endrin	0.011	U	0.050	0.011	ug/L		03/19/13 09:10	03/21/13 17:36	1

Client Sample ID: 079-0007-0001-SOURCEWATER
Date Collected: 03/14/13 12:00
Date Received: 03/14/13 16:20

Lab Sample ID: 240-21987-1
Matrix: Water

Method: 8081/DOD - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.011	U	0.050	0.011	ug/L		03/19/13 09:10	03/21/13 17:36	1
Endrin ketone	0.010	U	0.050	0.0078	ug/L		03/19/13 09:10	03/21/13 17:36	1
gamma-BHC (Lindane)	0.010	U	0.050	0.0064	ug/L		03/19/13 09:10	03/21/13 17:36	1
gamma-Chlordane	0.012	U	0.050	0.012	ug/L		03/19/13 09:10	03/21/13 17:36	1
Heptachlor	0.010	U	0.050	0.0080	ug/L		03/19/13 09:10	03/21/13 17:36	1
Heptachlor epoxide	0.010	U	0.050	0.0071	ug/L		03/19/13 09:10	03/21/13 17:36	1
Methoxychlor	0.032	U	0.10	0.032	ug/L		03/19/13 09:10	03/21/13 17:36	1
Toxaphene	0.50	U	2.0	0.32	ug/L		03/19/13 09:10	03/21/13 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*	*M*	*30 - 135*	*03/19/13 09:10*	*03/21/13 17:36*	*1*
DCB Decachlorobiphenyl	*73*		*30 - 135*	*03/19/13 09:10*	*03/21/13 17:36*	*1*
Tetrachloro-m-xylene	*79*		*25 - 140*	*03/19/13 09:10*	*03/21/13 17:36*	*1*
Tetrachloro-m-xylene	*77*		*25 - 140*	*03/19/13 09:10*	*03/21/13 17:36*	*1*

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	0.20	U	0.50	0.13	ug/L		03/19/13 08:52	03/27/13 10:07	1
Aroclor-1016	0.20	U	0.50	0.17	ug/L		03/19/13 08:52	03/27/13 10:07	1
Aroclor-1232	0.20	U	0.50	0.16	ug/L		03/19/13 08:52	03/27/13 10:07	1
Aroclor-1242	0.40	U	0.50	0.22	ug/L		03/19/13 08:52	03/27/13 10:07	1
Aroclor-1248	0.20	U	0.50	0.10	ug/L		03/19/13 08:52	03/27/13 10:07	1
Aroclor-1254	0.20	U	0.50	0.16	ug/L		03/19/13 08:52	03/27/13 10:07	1
Aroclor-1260	0.20	U	0.50	0.17	ug/L		03/19/13 08:52	03/27/13 10:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*40 - 140*	*03/19/13 08:52*	*03/27/13 10:07*	*1*
Tetrachloro-m-xylene	*97*		*40 - 140*	*03/19/13 08:52*	*03/27/13 10:07*	*1*
DCB Decachlorobiphenyl	*71*		*40 - 135*	*03/19/13 08:52*	*03/27/13 10:07*	*1*
DCB Decachlorobiphenyl	*80*		*40 - 135*	*03/19/13 08:52*	*03/27/13 10:07*	*1*

Method: 8151/DOD - Herbicides (GC)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.50	U	4.0	0.41	ug/L		03/18/13 10:35	03/22/13 20:57	1
Dalapon	**0.55**	**J**	2.0	0.17	ug/L		03/18/13 10:35	03/22/13 20:57	1
2,4-DB	1.0	U	4.0	0.69	ug/L		03/18/13 10:35	03/22/13 20:57	1
Dicamba	1.0	U	2.0	0.52	ug/L		03/18/13 10:35	03/22/13 20:57	1
Dichlorprop	1.0	U Q	4.0	0.86	ug/L		03/18/13 10:35	03/22/13 20:57	1
Dinoseb	0.20	U	0.60	0.087	ug/L		03/18/13 10:35	03/22/13 20:57	1
MCPA	400	U	400	390	ug/L		03/18/13 10:35	03/22/13 20:57	1
MCPP	400	U	400	400	ug/L		03/18/13 10:35	03/22/13 20:57	1
Pentachlorophenol	0.040	U	0.10	0.024	ug/L		03/18/13 10:35	03/22/13 20:57	1
Silvex (2,4,5-TP)	0.20	U	1.0	0.20	ug/L		03/18/13 10:35	03/22/13 20:57	1
2,4,5-T	0.50	U Q	1.0	0.30	ug/L		03/18/13 10:35	03/22/13 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*76*		*32 - 112*	*03/18/13 10:35*	*03/22/13 20:57*	*1*
2,4-Dichlorophenylacetic acid	*86*		*32 - 112*	*03/18/13 10:35*	*03/22/13 20:57*	*1*

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0007-0001-SOURCEWATER
Date Collected: 03/14/13 12:00
Date Received: 03/14/13 16:20

Lab Sample ID: 240-21987-1
Matrix: Water

Method: 8330 Modified - Nitroguanidine (HPLC)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Nitroguanidine	**6.0**	**J**	20	2.4	ug/L		03/19/13 14:18	03/21/13 13:31	1
Nitroguanidine	6.0	U	20	2.4	ug/L		03/19/13 14:18	03/22/13 15:53	1

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.051	U	0.10	0.032	ug/L		03/19/13 13:52	03/21/13 14:11	1
1,3-Dinitrobenzene	0.10	U	0.10	0.051	ug/L		03/19/13 13:52	03/21/13 14:11	1
2,4,6-Trinitrotoluene	0.10	U	0.10	0.051	ug/L		03/19/13 13:52	03/21/13 14:11	1
2,4-Dinitrotoluene	0.10	U	0.10	0.051	ug/L		03/19/13 13:52	03/21/13 14:11	1
2,6-Dinitrotoluene	0.10	U	0.10	0.051	ug/L		03/19/13 13:52	03/21/13 14:11	1
2-Amino-4,6-dinitrotoluene	0.10	U	0.20	0.015	ug/L		03/19/13 13:52	03/21/13 14:11	1
2-Nitrotoluene	0.10	U	0.51	0.090	ug/L		03/19/13 13:52	03/21/13 14:11	1
3-Nitrotoluene	0.10	U	0.51	0.058	ug/L		03/19/13 13:52	03/21/13 14:11	1
4-Nitrotoluene	0.10	U	0.51	0.090	ug/L		03/19/13 13:52	03/21/13 14:11	1
4-Amino-2,6-dinitrotoluene	0.10	U	0.10	0.051	ug/L		03/19/13 13:52	03/21/13 14:11	1
HMX	0.051	U	0.10	0.037	ug/L		03/19/13 13:52	03/21/13 14:11	1
RDX	0.051	U	0.10	0.037	ug/L		03/19/13 13:52	03/21/13 14:11	1
Nitrobenzene	0.10	U	0.10	0.051	ug/L		03/19/13 13:52	03/21/13 14:11	1
Tetryl	0.10	U	0.10	0.051	ug/L		03/19/13 13:52	03/21/13 14:11	1
Nitroglycerin	0.51	U	0.66	0.34	ug/L		03/19/13 13:52	03/21/13 14:11	1
PETN	0.51	U	0.66	0.31	ug/L		03/19/13 13:52	03/21/13 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
3,4-Dinitrotoluene	*86*	*M*	*79 - 111*	*03/19/13 13:52*	*03/21/13 14:11*	*1*

Method: 6020/DOD - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.20	U	1.0	0.11	ug/L		03/18/13 13:02	04/01/13 15:42	1
Aluminum	5.0	U	30	2.6	ug/L		03/18/13 13:02	04/01/13 15:42	1
Arsenic	**0.48**	**J**	1.0	0.29	ug/L		03/18/13 13:02	04/01/13 15:42	1
Barium	**41**	**Q**	10	0.098	ug/L		03/18/13 13:02	04/01/13 15:42	1
Beryllium	0.090	U	1.0	0.045	ug/L		03/18/13 13:02	04/01/13 15:42	1
Calcium	**65000**		100	9.4	ug/L		03/18/13 13:02	04/01/13 15:42	1
Cadmium	0.30	U	1.0	0.13	ug/L		03/18/13 13:02	04/01/13 15:42	1
Chromium	**1.3**	**J**	2.0	0.54	ug/L		03/18/13 13:02	04/01/13 15:42	1
Cobalt	**0.054**	**J Q**	0.50	0.026	ug/L		03/18/13 13:02	04/01/13 15:42	1
Copper	**1.4**	**J Q**	2.0	0.24	ug/L		03/18/13 13:02	04/01/13 15:42	1
Iron	**590**		50	11	ug/L		03/18/13 13:02	04/01/13 15:42	1
Magnesium	**27000**		100	11	ug/L		03/18/13 13:02	04/01/13 15:42	1
Manganese	**94**	**Q**	5.0	0.16	ug/L		03/18/13 13:02	04/01/13 15:42	1
Sodium	**37000**	**B**	100	27	ug/L		03/18/13 13:02	04/01/13 15:42	1
Nickel	0.35	U	1.0	0.17	ug/L		03/18/13 13:02	04/01/13 15:42	1
Lead	0.30	U	1.0	0.15	ug/L		03/18/13 13:02	04/01/13 15:42	1
Antimony	0.90	U	2.0	0.46	ug/L		03/18/13 13:02	04/01/13 15:42	1
Thallium	**0.11**	**J**	1.0	0.10	ug/L		03/18/13 13:02	04/01/13 15:42	1
Vanadium	0.60	U	1.0	0.30	ug/L		03/18/13 13:02	04/01/13 15:42	1
Zinc	**5.1**	**Q**	5.0	0.96	ug/L		03/18/13 13:02	04/01/13 15:42	1
Potassium	**2500**		100	32	ug/L		03/18/13 13:02	04/01/13 15:42	1
Selenium	1.0	U	5.0	0.51	ug/L		03/18/13 13:02	04/01/13 15:42	1

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0007-0001-SOURCEWATER
Date Collected: 03/14/13 12:00
Date Received: 03/14/13 16:20

Lab Sample ID: 240-21987-1
Matrix: Water

Method: 7470A/DOD - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		03/15/13 12:45	03/18/13 17:49	1

General Chemistry

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0040	U	0.020	0.0020	mg/L			03/14/13 17:44	1
Nitrocellulose	1.0	U	2.0	0.48	mg/L		03/25/13 08:23	03/25/13 12:51	1

Client Sample ID: 079-0008-0001-TB TRIP BLANK
Lab Sample ID: 240-21987-2
Date Collected: 03/14/13 08:00
Matrix: Water
Date Received: 03/14/13 16:20

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.25	U	1.0	0.22	ug/L			03/28/13 11:47	1
1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.18	ug/L			03/28/13 11:47	1
1,1,2-Trichloroethane	0.50	U	1.0	0.27	ug/L			03/28/13 11:47	1
1,1-Dichloroethane	0.25	U	1.0	0.15	ug/L			03/28/13 11:47	1
1,1-Dichloroethene	0.25	U	1.0	0.19	ug/L			03/28/13 11:47	1
1,2-Dichloroethane	0.25	U	1.0	0.22	ug/L			03/28/13 11:47	1
1,2-Dichloroethene, Total	0.50	U	2.0	0.34	ug/L			03/28/13 11:47	1
1,2-Dichloropropane	0.25	U	1.0	0.18	ug/L			03/28/13 11:47	1
2-Butanone (MEK)	0.57	U	10	0.57	ug/L			03/28/13 11:47	1
2-Hexanone	0.50	U	10	0.41	ug/L			03/28/13 11:47	1
4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.32	ug/L			03/28/13 11:47	1
Acetone	1.1	U	10	1.1	ug/L			03/28/13 11:47	1
Benzene	0.25	U	1.0	0.13	ug/L			03/28/13 11:47	1
Bromoform	0.64	U	1.0	0.64	ug/L			03/28/13 11:47	1
Bromomethane	0.50	U	1.0	0.41	ug/L			03/28/13 11:47	1
Carbon disulfide	0.25	U	1.0	0.13	ug/L			03/28/13 11:47	1
Carbon tetrachloride	0.25	U	1.0	0.13	ug/L			03/28/13 11:47	1
Chlorobenzene	0.25	U	1.0	0.15	ug/L			03/28/13 11:47	1
Chloromethane	0.50	U	1.0	0.30	ug/L			03/28/13 11:47	1
cis-1,3-Dichloropropene	0.25	U	1.0	0.14	ug/L			03/28/13 11:47	1
Dibromochloromethane	0.25	U	1.0	0.18	ug/L			03/28/13 11:47	1
Bromodichloromethane	0.25	U	1.0	0.15	ug/L			03/28/13 11:47	1
Ethylbenzene	0.25	U	1.0	0.17	ug/L			03/28/13 11:47	1
Methyl tert-butyl ether	0.25	U	1.0	0.17	ug/L			03/28/13 11:47	1
Methylene Chloride	0.50	U	1.0	0.33	ug/L			03/28/13 11:47	1
Styrene	0.25	U	1.0	0.11	ug/L			03/28/13 11:47	1
Tetrachloroethene	0.50	U	1.0	0.29	ug/L			03/28/13 11:47	1
Toluene	0.25	U	1.0	0.13	ug/L			03/28/13 11:47	1
trans-1,3-Dichloropropene	0.25	U	1.0	0.19	ug/L			03/28/13 11:47	1
Trichloroethene	0.25	U	1.0	0.17	ug/L			03/28/13 11:47	1
Vinyl chloride	0.25	U	1.0	0.22	ug/L			03/28/13 11:47	1
Xylenes, Total	0.75	U	2.0	0.28	ug/L			03/28/13 11:47	1
Chloroform	**0.31**	**J**	1.0	0.16	ug/L			03/28/13 11:47	1
Bromochloromethane	0.50	U	1.0	0.29	ug/L			03/28/13 11:47	1
1,2-Dibromoethane	0.25	U	1.0	0.24	ug/L			03/28/13 11:47	1
Chloroethane	0.50	U	1.0	0.29	ug/L			03/28/13 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*85 - 120*		*03/28/13 11:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 120*		*03/28/13 11:47*	*1*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*03/28/13 11:47*	*1*
Dibromofluoromethane (Surr)	*104*		*85 - 115*		*03/28/13 11:47*	*1*

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0009-0001-TB TRIP BLANK
Date Collected: 03/14/13 08:00
Date Received: 03/14/13 16:20

Lab Sample ID: 240-21987-3
Matrix: Water

Method: 8015B_GRO/DOD - Gasoline Range Organics (GRO)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	81	J B	100	25	ug/L			03/23/13 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*61*		*10 - 150*		*03/23/13 11:16*	*1*

Surrogate Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	BFB	DBFM
Lab Sample ID	Client Sample ID	(85-120)	(70-120)	(75-120)	(85-115)
240-21987-1	079-0007-0001-SOURCEWATER	110	101	107	108
240-21987-1 MS	079-0007-0001-SOURCEWATER	110	105	106	109
240-21987-1 MSD	079-0007-0001-SOURCEWATER	108	101	107	107
240-21987-2	079-0008-0001-TB TRIP BLANK	109	105	105	104
LCS 240-79725/4	Lab Control Sample	110	103	103	109
MB 240-79725/6	Method Blank	109	103	105	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	BFB	DBFM
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)	(50-150)
MRL 240-79725/14 MRL	Lab Control Sample	106	100	102	103
MRL 240-79725/5 MRL	Lab Control Sample	112	105	110	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(50-110)	(20-110)	(40-110)	(10-115)	(50-135)	(40-125)
240-21987-1	079-0007-0001-SOURCEWATER	64	55	68	59	93	52
LCS 240-78456/18-A	Lab Control Sample	74	67	84	68	91	62
MB 240-78456/17-A	Method Blank	63	57	69	59	93	50

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(70-130)	(50-150)	(50-150)	(50-150)	(50-150)	(50-150)
MRL 240-79745/3 MRL	Lab Control Sample	96	94	96	96	94	99
MRL 240-79745/7 MRL	Lab Control Sample	92	94	96	97	95	91

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8015B_GRO/DOD - Gasoline Range Organics (GRO)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TFT
Lab Sample ID	Client Sample ID	(10-150)
240-21987-1	079-0007-0001-SOURCEWATER	73
240-21987-1 MS	079-0007-0001-SOURCEWATER	78
240-21987-1 MSD	079-0007-0001-SOURCEWATER	81
240-21987-3	079-0009-0001-TB TRIP BLANK	61
LCS 240-79100/39	Lab Control Sample	78
MB 240-79100/38	Method Blank	50

Surrogate Legend

TFT = Trifluorotoluene (Surr)

Method: 8015B_GRO/DOD - Gasoline Range Organics (GRO)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TFT
Lab Sample ID	Client Sample ID	(70-130)
MRL 240-79100/37 MRL	Lab Control Sample	71
MRL 240-79100/45 MRL	Lab Control Sample	67 ^

Surrogate Legend

TFT = Trifluorotoluene (Surr)

Method: 8015B_DRO/DOD - Diesel Range Organics (DRO) (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		C9
Lab Sample ID	Client Sample ID	(10-110)
240-21987-1	079-0007-0001-SOURCEWATER	52

Surrogate Legend

C9 = n-Nonane

Surrogate Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Method: 8015B_DRO/DOD - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		C9								
Lab Sample ID	Client Sample ID	(70-130)								
MRL 240-78992/4 MRL	Lab Control Sample	102								
MRL 240-78992/9 MRL	Lab Control Sample	109								

Surrogate Legend

C9 = n-Nonane

Method: 8081/DOD - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		DCB1	DCB2	TCX1	TCX2					
Lab Sample ID	Client Sample ID	(30-135)	(30-135)	(25-140)	(25-140)					
240-21987-1	079-0007-0001-SOURCEWATER	75 M	73	79	77					
LCS 240-78726/3-A	Lab Control Sample	56	55	79	78					
MB 240-78726/2-A	Method Blank	91	89	85	82					

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX1	TCX2	DCB1	DCB2					
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-135)	(40-135)					
240-21987-1	079-0007-0001-SOURCEWATER	80	97	71	80					
LCS 240-78721/18-A	Lab Control Sample	73	88	79	87					
MB 240-78721/17-A	Method Blank	74	88	77	75					

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		TCX1	TCX2	DCB1	DCB2					
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)	(50-150)					
MRL 240-79577/31 MRL	Lab Control Sample	112	136	120	132					

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Surrogate Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCB1								
Lab Sample ID	Client Sample ID	(50-150)	(50-150)								
MRL 240-79577/4 MRL	Lab Control Sample	119	116								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8151/DOD - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPA1	DCPA2								
Lab Sample ID	Client Sample ID	(32-112)	(32-112)								
240-21987-1	079-0007-0001-SOURCEWATER	76	86								
LCS 240-78626/4-A	Lab Control Sample	91	99								
MB 240-78626/3-A	Method Blank	79	88								
MRL 240-79197/13 MRL	Lab Control Sample	130 Q	117 Q								
MRL 240-79197/20 MRL	Lab Control Sample	132 Q	119 Q								

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DNT1									
Lab Sample ID	Client Sample ID	(79-111)									
240-21987-1	079-0007-0001-SOURCEWATER	86 M									
LCS 320-12565/2-A	Lab Control Sample	87									
MB 320-12565/1-A	Method Blank	87									

Surrogate Legend

DNT = 3,4-Dinitrotoluene

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

Lab Sample ID: MB 240-79725/6
Matrix: Water
Analysis Batch: 79725

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

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.25	U	1.0	0.22	ug/L			03/28/13 10:55	1
1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.18	ug/L			03/28/13 10:55	1
1,1,2-Trichloroethane	0.50	U	1.0	0.27	ug/L			03/28/13 10:55	1
1,1-Dichloroethane	0.25	U	1.0	0.15	ug/L			03/28/13 10:55	1
1,1-Dichloroethene	0.25	U	1.0	0.19	ug/L			03/28/13 10:55	1
1,2-Dichloroethane	0.25	U	1.0	0.22	ug/L			03/28/13 10:55	1
1,2-Dichloroethene, Total	0.50	U	2.0	0.34	ug/L			03/28/13 10:55	1
1,2-Dichloropropane	0.25	U	1.0	0.18	ug/L			03/28/13 10:55	1
2-Butanone (MEK)	0.57	U	10	0.57	ug/L			03/28/13 10:55	1
2-Hexanone	0.50	U	10	0.41	ug/L			03/28/13 10:55	1
4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.32	ug/L			03/28/13 10:55	1
Acetone	1.1	U	10	1.1	ug/L			03/28/13 10:55	1
Benzene	0.25	U	1.0	0.13	ug/L			03/28/13 10:55	1
Bromoform	0.64	U	1.0	0.64	ug/L			03/28/13 10:55	1
Bromomethane	0.50	U	1.0	0.41	ug/L			03/28/13 10:55	1
Carbon disulfide	0.25	U	1.0	0.13	ug/L			03/28/13 10:55	1
Carbon tetrachloride	0.25	U	1.0	0.13	ug/L			03/28/13 10:55	1
Chlorobenzene	0.25	U	1.0	0.15	ug/L			03/28/13 10:55	1
Chloromethane	0.50	U	1.0	0.30	ug/L			03/28/13 10:55	1
cis-1,3-Dichloropropene	0.25	U	1.0	0.14	ug/L			03/28/13 10:55	1
Dibromochloromethane	0.25	U	1.0	0.18	ug/L			03/28/13 10:55	1
Bromodichloromethane	0.25	U	1.0	0.15	ug/L			03/28/13 10:55	1
Ethylbenzene	0.25	U	1.0	0.17	ug/L			03/28/13 10:55	1
Methyl tert-butyl ether	0.25	U	1.0	0.17	ug/L			03/28/13 10:55	1
Methylene Chloride	0.344	J	1.0	0.33	ug/L			03/28/13 10:55	1
Styrene	0.25	U	1.0	0.11	ug/L			03/28/13 10:55	1
Tetrachloroethene	0.50	U	1.0	0.29	ug/L			03/28/13 10:55	1
Toluene	0.25	U	1.0	0.13	ug/L			03/28/13 10:55	1
trans-1,3-Dichloropropene	0.25	U	1.0	0.19	ug/L			03/28/13 10:55	1
Trichloroethene	0.25	U	1.0	0.17	ug/L			03/28/13 10:55	1
Vinyl chloride	0.25	U	1.0	0.22	ug/L			03/28/13 10:55	1
Xylenes, Total	0.75	U	2.0	0.28	ug/L			03/28/13 10:55	1
Chloroform	0.25	U	1.0	0.16	ug/L			03/28/13 10:55	1
Bromochloromethane	0.50	U	1.0	0.29	ug/L			03/28/13 10:55	1
1,2-Dibromoethane	0.25	U	1.0	0.24	ug/L			03/28/13 10:55	1
Chloroethane	0.50	U	1.0	0.29	ug/L			03/28/13 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*85 - 120*		*03/28/13 10:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 120*		*03/28/13 10:55*	*1*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*03/28/13 10:55*	*1*
Dibromofluoromethane (Surr)	*101*		*85 - 115*		*03/28/13 10:55*	*1*

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

Lab Sample ID: LCS 240-79725/4
Matrix: Water
Analysis Batch: 79725

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	22.7		ug/L		114	65 - 130
1,1,2,2-Tetrachloroethane	20.0	18.1		ug/L		90	65 - 130
1,1,2-Trichloroethane	20.0	18.2		ug/L		91	75 - 125
1,1-Dichloroethane	20.0	19.3		ug/L		96	70 - 135
1,1-Dichloroethene	20.0	19.1		ug/L		95	70 - 130
1,2-Dichloroethane	20.0	20.2		ug/L		101	70 - 130
1,2-Dichloropropane	20.0	19.0		ug/L		95	75 - 125
2-Butanone (MEK)	40.0	34.7		ug/L		87	30 - 150
2-Hexanone	40.0	34.6		ug/L		87	55 - 130
4-Methyl-2-pentanone (MIBK)	40.0	32.1		ug/L		80	60 - 135
Acetone	40.0	33.8		ug/L		85	40 - 140
Benzene	20.0	19.0		ug/L		95	80 - 120
Bromoform	20.0	19.2		ug/L		96	70 - 130
Bromomethane	20.0	15.2		ug/L		76	30 - 145
Carbon disulfide	20.0	19.5		ug/L		98	35 - 160
Carbon tetrachloride	20.0	25.6		ug/L		128	65 - 140
Chlorobenzene	20.0	19.5		ug/L		97	80 - 120
Chloromethane	20.0	17.5		ug/L		87	40 - 125
cis-1,3-Dichloropropene	20.0	18.8		ug/L		94	70 - 130
Dibromochloromethane	20.0	19.4		ug/L		97	60 - 135
Bromodichloromethane	20.0	20.2		ug/L		101	75 - 120
Ethylbenzene	20.0	19.6		ug/L		98	75 - 125
Methyl tert-butyl ether	20.0	17.8		ug/L		89	65 - 125
Methylene Chloride	20.0	19.7		ug/L		98	55 - 140
Styrene	20.0	21.2		ug/L		106	65 - 135
Tetrachloroethene	20.0	20.3		ug/L		102	45 - 150
Toluene	20.0	20.4		ug/L		102	75 - 120
trans-1,3-Dichloropropene	20.0	20.4		ug/L		102	55 - 140
Trichloroethene	20.0	19.6		ug/L		98	70 - 125
Vinyl chloride	20.0	17.7		ug/L		89	50 - 145
Xylenes, Total	60.0	59.3		ug/L		99	75 - 130
Chloroform	20.0	18.9		ug/L		95	65 - 135
Bromochloromethane	20.0	20.5		ug/L		102	65 - 130
Chloroethane	20.0	17.8		ug/L		89	60 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*110*		*85 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 120*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*
Dibromofluoromethane (Surr)	*109*		*85 - 115*

Lab Sample ID: MRL 240-79725/14 MRL
Matrix: Water
Analysis Batch: 79725

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.00100	0.000953	J	ng/uL		95	70 - 130
1,1,2,2-Tetrachloroethane	0.00100	0.000888	J	ng/uL		89	70 - 130

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

Lab Sample ID: MRL 240-79725/14 MRL
Matrix: Water
Analysis Batch: 79725

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	0.00100	0.000755	J	ng/uL		75	70 - 130
1,1-Dichloroethane	0.00100	0.000803	J	ng/uL		80	70 - 130
1,1-Dichloroethene	0.00100	0.000818	J	ng/uL		82	70 - 130
1,2-Dichloroethane	0.00100	0.00100		ng/uL		100	70 - 130
1,2-Dichloropropane	0.00100	0.000871	J	ng/uL		87	70 - 130
2-Butanone (MEK)	0.0100	0.00692	J ^	ng/uL		69	70 - 130
2-Hexanone	0.0100	0.00702	J	ng/uL		70	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0100	0.00664	J ^	ng/uL		66	70 - 130
Acetone	0.0100	0.00654	J ^	ng/uL		65	70 - 130
Benzene	0.00100	0.000907	J	ng/uL		91	70 - 130
Bromoform	0.00100	0.000641	J ^	ng/uL		64	70 - 130
Bromomethane	0.00100	0.00123		ng/uL		123	70 - 130
Carbon disulfide	0.00100	0.000845	J	ng/uL		85	70 - 130
Carbon tetrachloride	0.00100	0.000966	J	ng/uL		97	70 - 130
Chlorobenzene	0.00100	0.000923	J	ng/uL		92	70 - 130
Chloromethane	0.00100	0.00133	^	ng/uL		133	70 - 130
cis-1,3-Dichloropropene	0.00100	0.000817	J	ng/uL		82	70 - 130
Dibromochloromethane	0.00100	0.000975	J	ng/uL		97	70 - 130
Bromodichloromethane	0.00100	0.000900	J	ng/uL		90	70 - 130
Ethylbenzene	0.00100	0.000840	J	ng/uL		84	70 - 130
Methyl tert-butyl ether	0.00100	0.000814	J	ng/uL		81	70 - 130
Methylene Chloride	0.00100	0.00150	^	ng/uL		150	70 - 130
Styrene	0.00100	0.000848	J	ng/uL		85	70 - 130
Tetrachloroethene	0.00100	0.00101		ng/uL		101	70 - 130
Toluene	0.00100	0.000966	J	ng/uL		97	70 - 130
trans-1,3-Dichloropropene	0.00100	0.000873	J	ng/uL		87	70 - 130
Trichloroethene	0.00100	0.000718	J	ng/uL		72	70 - 130
Vinyl chloride	0.00100	0.00133	^	ng/uL		133	70 - 130
Xylenes, Total	0.00300	0.00263		ng/uL		88	70 - 130
Chloroform	0.00100	0.000920	J	ng/uL		92	70 - 130
Bromochloromethane	0.00100	0.000990	J	ng/uL		99	70 - 130
Chloroethane	0.00100	0.00129		ng/uL		129	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Toluene-d8 (Surr)	*106*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*100*		*50 - 150*
4-Bromofluorobenzene (Surr)	*102*		*50 - 150*
Dibromofluoromethane (Surr)	*103*		*50 - 150*

Lab Sample ID: MRL 240-79725/5 MRL
Matrix: Water
Analysis Batch: 79725

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.00100	0.000959	J	ng/uL		96	70 - 130
1,1,2,2-Tetrachloroethane	0.00100	0.00109		ng/uL		109	70 - 130
1,1,2-Trichloroethane	0.00100	0.000795	J	ng/uL		80	70 - 130
1,1-Dichloroethane	0.00100	0.000850	J	ng/uL		85	70 - 130

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

Lab Sample ID: MRL 240-79725/5 MRL
Matrix: Water
Analysis Batch: 79725

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.00100	0.000973	J	ng/uL		97	70 - 130
1,2-Dichloroethane	0.00100	0.00115		ng/uL		115	70 - 130
1,2-Dichloropropane	0.00100	0.000868	J	ng/uL		87	70 - 130
2-Butanone (MEK)	0.0100	0.00675	J ^	ng/uL		67	70 - 130
2-Hexanone	0.0100	0.00867	J	ng/uL		87	70 - 130
4-Methyl-2-pentanone (MIBK)	0.0100	0.00786	J	ng/uL		79	70 - 130
Acetone	0.0100	0.00824	J	ng/uL		82	70 - 130
Benzene	0.00100	0.000966	J	ng/uL		97	70 - 130
Bromoform	0.00100	0.000857	J	ng/uL		86	70 - 130
Bromomethane	0.00100	0.000956	J	ng/uL		96	70 - 130
Carbon disulfide	0.00100	0.000842	J	ng/uL		84	70 - 130
Carbon tetrachloride	0.00100	0.00136	^	ng/uL		136	70 - 130
Chlorobenzene	0.00100	0.000971	J	ng/uL		97	70 - 130
Chloromethane	0.00100	0.000984	J	ng/uL		98	70 - 130
cis-1,3-Dichloropropene	0.00100	0.000862	J	ng/uL		86	70 - 130
Dibromochloromethane	0.00100	0.000769	J	ng/uL		77	70 - 130
Bromodichloromethane	0.00100	0.000830	J	ng/uL		83	70 - 130
Ethylbenzene	0.00100	0.000957	J	ng/uL		96	70 - 130
Methyl tert-butyl ether	0.00100	0.000831	J	ng/uL		83	70 - 130
Methylene Chloride	0.00100	0.00138	^	ng/uL		138	70 - 130
Styrene	0.00100	0.000958	J	ng/uL		96	70 - 130
Tetrachloroethene	0.00100	0.00116		ng/uL		116	70 - 130
Toluene	0.00100	0.00113		ng/uL		113	70 - 130
trans-1,3-Dichloropropene	0.00100	0.000805	J	ng/uL		81	70 - 130
Trichloroethene	0.00100	0.000931	J	ng/uL		93	70 - 130
Vinyl chloride	0.00100	0.000954	J	ng/uL		95	70 - 130
Xylenes, Total	0.00300	0.00310		ng/uL		103	70 - 130
Chloroform	0.00100	0.000796	J	ng/uL		80	70 - 130
Bromochloromethane	0.00100	0.000968	J	ng/uL		97	70 - 130
Chloroethane	0.00100	0.00101		ng/uL		101	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Toluene-d8 (Surr)	*112*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*105*		*50 - 150*
4-Bromofluorobenzene (Surr)	*110*		*50 - 150*
Dibromofluoromethane (Surr)	*107*		*50 - 150*

Lab Sample ID: 240-21987-1 MS
Matrix: Water
Analysis Batch: 79725

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.25	U	20.0	22.3		ug/L		112	65 - 130
1,1,2,2-Tetrachloroethane	0.25	U	20.0	18.4		ug/L		92	65 - 130
1,1,2-Trichloroethane	0.50	U	20.0	18.6		ug/L		93	75 - 125
1,1-Dichloroethane	0.25	U	20.0	19.9		ug/L		99	70 - 135
1,1-Dichloroethene	0.25	U	20.0	19.6		ug/L		98	70 - 130
1,2-Dichloroethane	0.25	U	20.0	20.8		ug/L		104	70 - 130

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

Lab Sample ID: 240-21987-1 MS
Matrix: Water
Analysis Batch: 79725

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	0.25	U	20.0	19.4		ug/L		97	75 - 125
2-Butanone (MEK)	0.57	U	40.0	39.4		ug/L		98	30 - 150
2-Hexanone	0.50	U	40.0	37.1		ug/L		93	55 - 130
4-Methyl-2-pentanone (MIBK)	0.50	U	40.0	32.9		ug/L		82	60 - 135
Acetone	1.1	U	40.0	32.0		ug/L		80	40 - 140
Benzene	0.25	U	20.0	19.5		ug/L		98	80 - 120
Bromoform	0.64	U	20.0	18.4		ug/L		92	70 - 130
Bromomethane	0.50	U	20.0	15.7		ug/L		78	30 - 145
Carbon disulfide	0.25	U	20.0	19.3		ug/L		96	35 - 160
Carbon tetrachloride	0.25	U	20.0	25.1		ug/L		126	65 - 140
Chlorobenzene	0.25	U	20.0	19.6		ug/L		98	80 - 120
Chloromethane	0.50	U	20.0	17.5		ug/L		88	40 - 125
cis-1,3-Dichloropropene	0.25	U	20.0	18.5		ug/L		93	70 - 130
Dibromochloromethane	0.25	U	20.0	19.8		ug/L		99	60 - 135
Bromodichloromethane	0.25	U	20.0	19.8		ug/L		99	75 - 120
Ethylbenzene	0.25	U	20.0	19.9		ug/L		100	75 - 125
Methyl tert-butyl ether	0.25	U	20.0	18.0		ug/L		90	65 - 125
Methylene Chloride	0.50	U	20.0	18.7		ug/L		94	55 - 140
Styrene	0.25	U	20.0	20.5		ug/L		103	65 - 135
Tetrachloroethene	0.50	U	20.0	21.3		ug/L		107	45 - 150
Toluene	0.25	U	20.0	20.2		ug/L		101	75 - 120
trans-1,3-Dichloropropene	0.25	U	20.0	20.2		ug/L		101	55 - 140
Trichloroethene	0.25	U	20.0	20.1		ug/L		100	70 - 125
Vinyl chloride	0.25	U	20.0	18.5		ug/L		93	50 - 145
Xylenes, Total	0.75	U	60.0	58.7		ug/L		98	75 - 130
Chloroform	0.25	U	20.0	19.9		ug/L		99	65 - 135
Bromochloromethane	0.50	U	20.0	24.1		ug/L		121	65 - 130
Chloroethane	0.50	U	20.0	18.0		ug/L		90	60 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*110*		*85 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 120*
4-Bromofluorobenzene (Surr)	*106*		*75 - 120*
Dibromofluoromethane (Surr)	*109*		*85 - 115*

Lab Sample ID: 240-21987-1 MSD
Matrix: Water
Analysis Batch: 79725

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.25	U	20.0	22.1		ug/L		110	65 - 130	1	30
1,1,2,2-Tetrachloroethane	0.25	U	20.0	18.7		ug/L		94	65 - 130	1	30
1,1,2-Trichloroethane	0.50	U	20.0	18.6		ug/L		93	75 - 125	0	30
1,1-Dichloroethane	0.25	U	20.0	18.9		ug/L		95	70 - 135	5	30
1,1-Dichloroethene	0.25	U	20.0	18.9		ug/L		94	70 - 130	4	30
1,2-Dichloroethane	0.25	U	20.0	20.1		ug/L		101	70 - 130	3	30
1,2-Dichloropropane	0.25	U	20.0	18.7		ug/L		94	75 - 125	4	30
2-Butanone (MEK)	0.57	U	40.0	38.1		ug/L		95	30 - 150	3	30

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

Lab Sample ID: 240-21987-1 MSD
Matrix: Water
Analysis Batch: 79725

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	0.50	U	40.0	36.1		ug/L		90	55 - 130	3	30
4-Methyl-2-pentanone (MIBK)	0.50	U	40.0	33.6		ug/L		84	60 - 135	2	30
Acetone	1.1	U	40.0	35.0		ug/L		87	40 - 140	9	30
Benzene	0.25	U	20.0	18.8		ug/L		94	80 - 120	4	30
Bromoform	0.64	U	20.0	19.1		ug/L		95	70 - 130	4	30
Bromomethane	0.50	U	20.0	15.6		ug/L		78	30 - 145	0	30
Carbon disulfide	0.25	U	20.0	18.9		ug/L		94	35 - 160	2	30
Carbon tetrachloride	0.25	U	20.0	25.6		ug/L		128	65 - 140	2	30
Chlorobenzene	0.25	U	20.0	19.2		ug/L		96	80 - 120	2	30
Chloromethane	0.50	U	20.0	17.5		ug/L		88	40 - 125	0	30
cis-1,3-Dichloropropene	0.25	U	20.0	18.5		ug/L		92	70 - 130	0	30
Dibromochloromethane	0.25	U	20.0	19.4		ug/L		97	60 - 135	2	30
Bromodichloromethane	0.25	U	20.0	19.8		ug/L		99	75 - 120	0	30
Ethylbenzene	0.25	U	20.0	19.6		ug/L		98	75 - 125	2	30
Methyl tert-butyl ether	0.25	U	20.0	17.9		ug/L		90	65 - 125	1	50
Methylene Chloride	0.50	U	20.0	18.0		ug/L		90	55 - 140	4	30
Styrene	0.25	U	20.0	20.2		ug/L		101	65 - 135	2	30
Tetrachloroethene	0.50	U	20.0	20.1		ug/L		101	45 - 150	6	30
Toluene	0.25	U	20.0	20.2		ug/L		101	75 - 120	0	30
trans-1,3-Dichloropropene	0.25	U	20.0	20.3		ug/L		102	55 - 140	1	30
Trichloroethene	0.25	U	20.0	19.1		ug/L		96	70 - 125	5	30
Vinyl chloride	0.25	U	20.0	18.2		ug/L		91	50 - 145	2	30
Xylenes, Total	0.75	U	60.0	58.1		ug/L		97	75 - 130	1	30
Chloroform	0.25	U	20.0	18.5		ug/L		92	65 - 135	7	30
Bromochloromethane	0.50	U	20.0	22.5		ug/L		113	65 - 130	7	30
Chloroethane	0.50	U	20.0	17.6		ug/L		88	60 - 135	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*108*		*85 - 120*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 120*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*
Dibromofluoromethane (Surr)	*107*		*85 - 115*

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

Lab Sample ID: MB 240-78456/17-A
Matrix: Water
Analysis Batch: 79745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78456

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Acenaphthylene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Anthracene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Benzo[a]anthracene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Benzo[a]pyrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Benzo[b]fluoranthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Benzo[g,h,i]perylene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Benzoic acid	10	U	25	10	ug/L		03/15/13 08:45	03/28/13 12:06	1

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

Lab Sample ID: MB 240-78456/17-A
Matrix: Water
Analysis Batch: 79745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78456

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Benzyl alcohol	0.80	U	5.0	0.38	ug/L		03/15/13 08:45	03/28/13 12:06	1
Bis(2-chloroethoxy)methane	0.80	U	1.0	0.32	ug/L		03/15/13 08:45	03/28/13 12:06	1
Bis(2-chloroethyl)ether	0.10	U	1.0	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
bis (2-chloroisopropyl) ether	0.80	U	1.0	0.40	ug/L		03/15/13 08:45	03/28/13 12:06	1
Bis(2-ethylhexyl) phthalate	0.855	J	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
4-Bromophenyl phenyl ether	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Butyl benzyl phthalate	0.80	U	1.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Carbazole	0.80	U	1.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:06	1
4-Chloroaniline	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
4-Chloro-3-methylphenol	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
2-Chloronaphthalene	0.10	U	1.0	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
2-Chlorophenol	0.80	U	1.0	0.29	ug/L		03/15/13 08:45	03/28/13 12:06	1
4-Chlorophenyl phenyl ether	0.80	U	2.0	0.30	ug/L		03/15/13 08:45	03/28/13 12:06	1
Chrysene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Dibenz(a,h)anthracene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Dibenzofuran	0.10	U	1.0	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
1,2-Dichlorobenzene	0.80	U	1.0	0.29	ug/L		03/15/13 08:45	03/28/13 12:06	1
1,3-Dichlorobenzene	0.80	U	1.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
1,4-Dichlorobenzene	0.80	U	1.0	0.34	ug/L		03/15/13 08:45	03/28/13 12:06	1
3,3'-Dichlorobenzidine	0.80	U	5.0	0.37	ug/L		03/15/13 08:45	03/28/13 12:06	1
2,4-Dichlorophenol	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Diethyl phthalate	0.80	U	1.0	0.60	ug/L		03/15/13 08:45	03/28/13 12:06	1
2,4-Dimethylphenol	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Dimethyl phthalate	0.80	U	1.0	0.29	ug/L		03/15/13 08:45	03/28/13 12:06	1
Di-n-butyl phthalate	0.80	U	1.0	0.67	ug/L		03/15/13 08:45	03/28/13 12:06	1
4,6-Dinitro-2-methylphenol	2.4	U	5.0	2.4	ug/L		03/15/13 08:45	03/28/13 12:06	1
2,4-Dinitrophenol	2.4	U	5.0	2.4	ug/L		03/15/13 08:45	03/28/13 12:06	1
2,4-Dinitrotoluene	0.80	U	5.0	0.27	ug/L		03/15/13 08:45	03/28/13 12:06	1
2,6-Dinitrotoluene	0.80	U	5.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Di-n-octyl phthalate	0.80	U	1.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Fluoranthene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Fluorene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Hexachlorobenzene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Hexachlorobutadiene	0.80	U	1.0	0.27	ug/L		03/15/13 08:45	03/28/13 12:06	1
Hexachlorocyclopentadiene	0.80	U	10	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Hexachloroethane	0.80	U	1.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Indeno[1,2,3-cd]pyrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Isophorone	0.80	U	1.0	0.27	ug/L		03/15/13 08:45	03/28/13 12:06	1
2-Methylnaphthalene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
2-Methylphenol	0.80	U	1.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
3 & 4 Methylphenol	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Naphthalene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
2-Nitroaniline	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
3-Nitroaniline	0.80	U	2.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:06	1
4-Nitroaniline	0.80	U	2.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
Nitrobenzene	0.10	U	1.0	0.040	ug/L		03/15/13 08:45	03/28/13 12:06	1
2-Nitrophenol	0.80	U	2.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:06	1

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

Lab Sample ID: MB 240-78456/17-A
Matrix: Water
Analysis Batch: 79745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78456

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	2.4	U	5.0	2.4	ug/L		03/15/13 08:45	03/28/13 12:06	1
N-Nitrosodi-n-propylamine	0.80	U	1.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1
N-Nitrosodiphenylamine	0.80	U	1.0	0.31	ug/L		03/15/13 08:45	03/28/13 12:06	1
Pentachlorophenol	2.4	U	5.0	2.4	ug/L		03/15/13 08:45	03/28/13 12:06	1
Phenanthrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
Phenol	0.80	U	1.0	0.60	ug/L		03/15/13 08:45	03/28/13 12:06	1
Pyrene	0.10	U	0.20	0.10	ug/L		03/15/13 08:45	03/28/13 12:06	1
1,2,4-Trichlorobenzene	0.80	U	1.0	0.28	ug/L		03/15/13 08:45	03/28/13 12:06	1
2,4,5-Trichlorophenol	0.80	U	5.0	0.30	ug/L		03/15/13 08:45	03/28/13 12:06	1
2,4,6-Trichlorophenol	0.80	U	5.0	0.80	ug/L		03/15/13 08:45	03/28/13 12:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*50 - 110*	*03/15/13 08:45*	*03/28/13 12:06*	*1*
2-Fluorophenol (Surr)	*57*		*20 - 110*	*03/15/13 08:45*	*03/28/13 12:06*	*1*
Nitrobenzene-d5 (Surr)	*69*		*40 - 110*	*03/15/13 08:45*	*03/28/13 12:06*	*1*
Phenol-d5 (Surr)	*59*		*10 - 115*	*03/15/13 08:45*	*03/28/13 12:06*	*1*
Terphenyl-d14 (Surr)	*93*		*50 - 135*	*03/15/13 08:45*	*03/28/13 12:06*	*1*
2,4,6-Tribromophenol (Surr)	*50*		*40 - 125*	*03/15/13 08:45*	*03/28/13 12:06*	*1*

Lab Sample ID: LCS 240-78456/18-A
Matrix: Water
Analysis Batch: 79745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78456

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	20.0	16.6		ug/L		83	45 - 110
Acenaphthylene	20.0	16.7		ug/L		84	50 - 105
Anthracene	20.0	17.5		ug/L		87	55 - 110
Benzo[a]anthracene	20.0	17.9		ug/L		89	55 - 110
Benzo[a]pyrene	20.0	13.4		ug/L		67	55 - 110
Benzo[b]fluoranthene	20.0	18.4		ug/L		92	45 - 120
Benzo[g,h,i]perylene	20.0	18.8		ug/L		94	40 - 125
Benzoic acid	20.0	13.1	J	ug/L		66	0 - 125
Benzo[k]fluoranthene	20.0	18.3		ug/L		92	45 - 125
Benzyl alcohol	20.0	13.7		ug/L		69	30 - 110
Bis(2-chloroethoxy)methane	20.0	16.2		ug/L		81	45 - 105
Bis(2-chloroethyl)ether	20.0	16.2		ug/L		81	35 - 110
bis (2-chloroisopropyl) ether	20.0	15.5		ug/L		77	25 - 130
Bis(2-ethylhexyl) phthalate	20.0	15.6		ug/L		78	40 - 125
4-Bromophenyl phenyl ether	20.0	15.7		ug/L		78	50 - 115
Butyl benzyl phthalate	20.0	16.9		ug/L		84	45 - 115
Carbazole	20.0	16.9		ug/L		85	50 - 115
4-Chloroaniline	20.0	14.3		ug/L		71	15 - 110
4-Chloro-3-methylphenol	20.0	13.7		ug/L		68	45 - 110
2-Chloronaphthalene	20.0	15.2		ug/L		76	50 - 105
2-Chlorophenol	20.0	13.4		ug/L		67	35 - 105
4-Chlorophenyl phenyl ether	20.0	16.3		ug/L		81	50 - 110
Chrysene	20.0	18.6		ug/L		93	55 - 110
Dibenz(a,h)anthracene	20.0	19.4		ug/L		97	40 - 125

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

Lab Sample ID: LCS 240-78456/18-A
Matrix: Water
Analysis Batch: 79745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78456

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenzofuran	20.0	16.7		ug/L		84	55 - 105
1,2-Dichlorobenzene	20.0	13.8		ug/L		69	35 - 100
1,3-Dichlorobenzene	20.0	13.1		ug/L		66	30 - 100
1,4-Dichlorobenzene	20.0	11.0		ug/L		55	30 - 100
3,3'-Dichlorobenzidine	20.0	7.12		ug/L		36	20 - 110
2,4-Dichlorophenol	20.0	13.7		ug/L		68	50 - 105
Diethyl phthalate	20.0	17.2		ug/L		86	40 - 120
2,4-Dimethylphenol	20.0	8.22		ug/L		41	30 - 110
Dimethyl phthalate	20.0	17.3		ug/L		87	25 - 125
Di-n-butyl phthalate	20.0	17.0		ug/L		85	55 - 115
4,6-Dinitro-2-methylphenol	20.0	12.9		ug/L		65	40 - 130
2,4-Dinitrophenol	20.0	15.7		ug/L		79	15 - 140
2,4-Dinitrotoluene	20.0	15.9		ug/L		80	50 - 120
2,6-Dinitrotoluene	20.0	16.6		ug/L		83	50 - 115
Di-n-octyl phthalate	20.0	17.1		ug/L		86	35 - 135
Fluoranthene	20.0	17.3		ug/L		87	55 - 115
Fluorene	20.0	17.0		ug/L		85	50 - 110
Hexachlorobenzene	20.0	15.7		ug/L		79	50 - 110
Hexachlorobutadiene	20.0	12.2		ug/L		61	25 - 105
Hexachloroethane	20.0	12.8		ug/L		64	30 - 95
Indeno[1,2,3-cd]pyrene	20.0	17.9		ug/L		90	45 - 125
Isophorone	20.0	17.2		ug/L		86	50 - 110
2-Methylnaphthalene	20.0	16.8		ug/L		84	45 - 105
2-Methylphenol	20.0	13.1		ug/L		66	40 - 110
3 & 4 Methylphenol	40.0	26.8		ug/L		67	30 - 110
Naphthalene	20.0	16.2		ug/L		81	40 - 100
2-Nitroaniline	20.0	14.9		ug/L		75	50 - 115
3-Nitroaniline	20.0	14.8		ug/L		74	20 - 125
4-Nitroaniline	20.0	15.2		ug/L		76	35 - 120
Nitrobenzene	20.0	16.6		ug/L		83	45 - 110
2-Nitrophenol	20.0	12.8		ug/L		64	40 - 115
4-Nitrophenol	20.0	13.0		ug/L		65	0 - 125
N-Nitrosodi-n-propylamine	20.0	14.9		ug/L		75	35 - 130
N-Nitrosodiphenylamine	20.0	14.8		ug/L		74	50 - 110
Pentachlorophenol	20.0	13.8		ug/L		69	40 - 115
Phenanthrene	20.0	16.8		ug/L		84	50 - 115
Phenol	20.0	13.4		ug/L		67	0 - 115
Pyrene	20.0	17.5		ug/L		87	50 - 130
1,2,4-Trichlorobenzene	20.0	13.7		ug/L		69	35 - 105
2,4,5-Trichlorophenol	20.0	13.4		ug/L		67	50 - 110
2,4,6-Trichlorophenol	20.0	13.9		ug/L		70	50 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*74*		*50 - 110*
2-Fluorophenol (Surr)	*67*		*20 - 110*
Nitrobenzene-d5 (Surr)	*84*		*40 - 110*
Phenol-d5 (Surr)	*68*		*10 - 115*
Terphenyl-d14 (Surr)	*91*		*50 - 135*

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

Lab Sample ID: LCS 240-78456/18-A
Matrix: Water
Analysis Batch: 79745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78456

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	62		40 - 125

Lab Sample ID: MRL 240-79745/3 MRL
Matrix: Water
Analysis Batch: 79745

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	5.00	4.88		ng/uL		98	70 - 130
Acenaphthylene	5.00	5.09		ng/uL		102	70 - 130
Anthracene	5.00	5.00		ng/uL		100	70 - 130
Benzo[a]anthracene	5.00	4.90		ng/uL		98	70 - 130
Benzo[a]pyrene	5.00	4.37		ng/uL		87	70 - 130
Benzo[b]fluoranthene	5.00	4.82		ng/uL		96	70 - 130
Benzo[g,h,i]perylene	5.00	4.74		ng/uL		95	70 - 130
Benzoic acid	10.0	10.2		ng/uL		102	70 - 130
Benzo[k]fluoranthene	5.00	4.74		ng/uL		95	70 - 130
Benzyl alcohol	5.00	4.82		ng/uL		96	70 - 130
Bis(2-chloroethoxy)methane	5.00	4.80		ng/uL		96	70 - 130
Bis(2-chloroethyl)ether	5.00	4.76		ng/uL		95	70 - 130
bis (2-chloroisopropyl) ether	5.00	4.57		ng/uL		91	70 - 130
Bis(2-ethylhexyl) phthalate	5.00	4.59		ng/uL		92	70 - 130
4-Bromophenyl phenyl ether	5.00	4.76		ng/uL		95	70 - 130
Butyl benzyl phthalate	5.00	4.40		ng/uL		88	70 - 130
Carbazole	5.00	4.79		ng/uL		96	70 - 130
4-Chloroaniline	5.00	4.76		ng/uL		95	70 - 130
4-Chloro-3-methylphenol	5.00	4.97		ng/uL		99	70 - 130
2-Chloronaphthalene	5.00	4.85		ng/uL		97	70 - 130
2-Chlorophenol	5.00	4.73		ng/uL		95	70 - 130
4-Chlorophenyl phenyl ether	5.00	4.88		ng/uL		98	70 - 130
Chrysene	5.00	4.72		ng/uL		94	70 - 130
Dibenz(a,h)anthracene	5.00	4.88		ng/uL		98	70 - 130
Dibenzofuran	5.00	4.87		ng/uL		97	70 - 130
1,2-Dichlorobenzene	5.00	4.75		ng/uL		95	70 - 130
1,3-Dichlorobenzene	5.00	4.69		ng/uL		94	70 - 130
1,4-Dichlorobenzene	5.00	4.67		ng/uL		93	70 - 130
3,3'-Dichlorobenzidine	5.00	4.71		ng/uL		94	70 - 130
2,4-Dichlorophenol	5.00	4.90		ng/uL		98	70 - 130
Diethyl phthalate	5.00	4.85		ng/uL		97	70 - 130
2,4-Dimethylphenol	5.00	4.89		ng/uL		98	70 - 130
Dimethyl phthalate	5.00	4.97		ng/uL		99	70 - 130
Di-n-butyl phthalate	5.00	4.55		ng/uL		91	70 - 130
4,6-Dinitro-2-methylphenol	5.00	5.08		ng/uL		102	70 - 130
2,4-Dinitrophenol	10.0	11.0		ng/uL		110	70 - 130
2,4-Dinitrotoluene	5.00	4.79		ng/uL		96	70 - 130
2,6-Dinitrotoluene	5.00	4.63		ng/uL		93	70 - 130
Di-n-octyl phthalate	5.00	4.83		ng/uL		97	70 - 130
Fluoranthene	5.00	4.85		ng/uL		97	70 - 130
Fluorene	5.00	4.86		ng/uL		97	70 - 130

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

Lab Sample ID: MRL 240-79745/3 MRL
Matrix: Water
Analysis Batch: 79745

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobenzene	5.00	4.67		ng/uL		93	70 - 130
Hexachlorobutadiene	5.00	4.92		ng/uL		98	70 - 130
Hexachloroethane	5.00	4.65		ng/uL		93	70 - 130
Indeno[1,2,3-cd]pyrene	5.00	4.87		ng/uL		97	70 - 130
Isophorone	5.00	4.92		ng/uL		98	70 - 130
2-Methylnaphthalene	5.00	4.78		ng/uL		96	70 - 130
2-Methylphenol	5.00	4.77		ng/uL		95	70 - 130
3 & 4 Methylphenol	5.00	4.77		ng/uL		95	70 - 130
Naphthalene	5.00	4.74		ng/uL		95	70 - 130
2-Nitroaniline	5.00	4.73		ng/uL		95	70 - 130
3-Nitroaniline	5.00	4.90		ng/uL		98	70 - 130
4-Nitroaniline	5.00	4.93		ng/uL		99	70 - 130
Nitrobenzene	5.00	4.96		ng/uL		99	70 - 130
2-Nitrophenol	5.00	4.53		ng/uL		91	70 - 130
4-Nitrophenol	5.00	4.87		ng/uL		97	70 - 130
N-Nitrosodi-n-propylamine	5.00	5.02		ng/uL		100	70 - 130
N-Nitrosodiphenylamine	5.00	5.00		ng/uL		100	70 - 130
Pentachlorophenol	10.0	9.30		ng/uL		93	70 - 130
Phenanthrene	5.00	4.71		ng/uL		94	70 - 130
Phenol	5.00	4.74		ng/uL		95	70 - 130
Pyrene	5.00	4.84		ng/uL		97	70 - 130
1,2,4-Trichlorobenzene	5.00	4.72		ng/uL		94	70 - 130
2,4,5-Trichlorophenol	5.00	4.98		ng/uL		100	70 - 130
2,4,6-Trichlorophenol	5.00	5.06		ng/uL		101	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*96*		*70 - 130*
2-Fluorophenol (Surr)	*94*		*50 - 150*
Nitrobenzene-d5 (Surr)	*96*		*50 - 150*
Phenol-d5 (Surr)	*96*		*50 - 150*
Terphenyl-d14 (Surr)	*94*		*50 - 150*
2,4,6-Tribromophenol (Surr)	*99*		*50 - 150*

Lab Sample ID: MRL 240-79745/7 MRL
Matrix: Water
Analysis Batch: 79745

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	5.00	4.70		ng/uL		94	70 - 130
Acenaphthylene	5.00	4.85		ng/uL		97	70 - 130
Anthracene	5.00	4.91		ng/uL		98	70 - 130
Benzo[a]anthracene	5.00	4.83		ng/uL		97	70 - 130
Benzo[a]pyrene	5.00	4.27		ng/uL		85	70 - 130
Benzo[b]fluoranthene	5.00	4.67		ng/uL		93	70 - 130
Benzo[g,h,i]perylene	5.00	4.81		ng/uL		96	70 - 130
Benzoic acid	10.0	10.5		ng/uL		105	70 - 130
Benzo[k]fluoranthene	5.00	4.92		ng/uL		98	70 - 130
Benzyl alcohol	5.00	4.73		ng/uL		95	70 - 130

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

Lab Sample ID: MRL 240-79745/7 MRL
Matrix: Water
Analysis Batch: 79745

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	5.00	4.85		ng/uL		97	70 - 130
Bis(2-chloroethyl)ether	5.00	4.63		ng/uL		93	70 - 130
bis (2-chloroisopropyl) ether	5.00	4.55		ng/uL		91	70 - 130
Bis(2-ethylhexyl) phthalate	5.00	4.39		ng/uL		88	70 - 130
4-Bromophenyl phenyl ether	5.00	4.72		ng/uL		94	70 - 130
Butyl benzyl phthalate	5.00	4.28		ng/uL		86	70 - 130
Carbazole	5.00	4.64		ng/uL		93	70 - 130
4-Chloroaniline	5.00	4.73		ng/uL		95	70 - 130
4-Chloro-3-methylphenol	5.00	4.95		ng/uL		99	70 - 130
2-Chloronaphthalene	5.00	4.62		ng/uL		92	70 - 130
2-Chlorophenol	5.00	4.85		ng/uL		97	70 - 130
4-Chlorophenyl phenyl ether	5.00	4.79		ng/uL		96	70 - 130
Chrysene	5.00	4.72		ng/uL		94	70 - 130
Dibenz(a,h)anthracene	5.00	4.90		ng/uL		98	70 - 130
Dibenzofuran	5.00	4.61		ng/uL		92	70 - 130
1,2-Dichlorobenzene	5.00	4.76		ng/uL		95	70 - 130
1,3-Dichlorobenzene	5.00	4.73		ng/uL		95	70 - 130
1,4-Dichlorobenzene	5.00	4.70		ng/uL		94	70 - 130
3,3'-Dichlorobenzidine	5.00	4.64		ng/uL		93	70 - 130
2,4-Dichlorophenol	5.00	4.90		ng/uL		98	70 - 130
Diethyl phthalate	5.00	4.74		ng/uL		95	70 - 130
2,4-Dimethylphenol	5.00	5.00		ng/uL		100	70 - 130
Dimethyl phthalate	5.00	4.69		ng/uL		94	70 - 130
Di-n-butyl phthalate	5.00	4.39		ng/uL		88	70 - 130
4,6-Dinitro-2-methylphenol	5.00	5.23		ng/uL		105	70 - 130
2,4-Dinitrophenol	10.0	10.2		ng/uL		102	70 - 130
2,4-Dinitrotoluene	5.00	4.54		ng/uL		91	70 - 130
2,6-Dinitrotoluene	5.00	4.42		ng/uL		88	70 - 130
Di-n-octyl phthalate	5.00	4.57		ng/uL		91	70 - 130
Fluoranthene	5.00	4.73		ng/uL		95	70 - 130
Fluorene	5.00	4.74		ng/uL		95	70 - 130
Hexachlorobenzene	5.00	4.70		ng/uL		94	70 - 130
Hexachlorobutadiene	5.00	4.77		ng/uL		95	70 - 130
Hexachloroethane	5.00	4.83		ng/uL		97	70 - 130
Indeno[1,2,3-cd]pyrene	5.00	4.89		ng/uL		98	70 - 130
Isophorone	5.00	4.87		ng/uL		97	70 - 130
2-Methylnaphthalene	5.00	4.73		ng/uL		95	70 - 130
2-Methylphenol	5.00	4.76		ng/uL		95	70 - 130
3 & 4 Methylphenol	5.00	4.79		ng/uL		96	70 - 130
Naphthalene	5.00	4.73		ng/uL		95	70 - 130
2-Nitroaniline	5.00	4.45		ng/uL		89	70 - 130
3-Nitroaniline	5.00	4.51		ng/uL		90	70 - 130
4-Nitroaniline	5.00	4.89		ng/uL		98	70 - 130
Nitrobenzene	5.00	4.86		ng/uL		97	70 - 130
2-Nitrophenol	5.00	4.57		ng/uL		91	70 - 130
4-Nitrophenol	5.00	4.64		ng/uL		93	70 - 130
N-Nitrosodi-n-propylamine	5.00	4.84		ng/uL		97	70 - 130
N-Nitrosodiphenylamine	5.00	0.00080	U ^	ng/uL		0	70 - 130

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

Lab Sample ID: MRL 240-79745/7 MRL
Matrix: Water
Analysis Batch: 79745

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Pentachlorophenol	10.0	9.12		ng/uL		91	70 - 130
Phenanthrene	5.00	4.62		ng/uL		92	70 - 130
Phenol	5.00	4.77		ng/uL		95	70 - 130
Pyrene	5.00	4.83		ng/uL		97	70 - 130
1,2,4-Trichlorobenzene	5.00	4.82		ng/uL		96	70 - 130
2,4,5-Trichlorophenol	5.00	4.90		ng/uL		98	70 - 130
2,4,6-Trichlorophenol	5.00	4.94		ng/uL		99	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*92*		*70 - 130*
2-Fluorophenol (Surr)	*94*		*50 - 150*
Nitrobenzene-d5 (Surr)	*96*		*50 - 150*
Phenol-d5 (Surr)	*97*		*50 - 150*
Terphenyl-d14 (Surr)	*95*		*50 - 150*
2,4,6-Tribromophenol (Surr)	*91*		*50 - 150*

Method: 8015B_GRO/DOD - Gasoline Range Organics (GRO)

Lab Sample ID: MB 240-79100/38
Matrix: Water
Analysis Batch: 79100

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

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	57.2	J	100	25	ug/L			03/23/13 08:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Trifluorotoluene (Surr)	*50*		*10 - 150*		*03/23/13 08:14*	*1*

Lab Sample ID: LCS 240-79100/39
Matrix: Water
Analysis Batch: 79100

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C12	800	761		ug/L		95	72 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*78*		*10 - 150*

Lab Sample ID: MRL 240-79100/37 MRL
Matrix: Water
Analysis Batch: 79100

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C12	100	153	^	ug/L		153	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Trifluorotoluene (Surr)	*71*		*70 - 130*

Method: 8015B_GRO/DOD - Gasoline Range Organics (GRO) (Continued)

Lab Sample ID: MRL 240-79100/45 MRL
Matrix: Water
Analysis Batch: 79100

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
C6-C12			100	151	^	ug/L		151	70 - 130		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Trifluorotoluene (Surr)	*67*	^	*70 - 130*

Lab Sample ID: 240-21987-1 MS
Matrix: Water
Analysis Batch: 79100

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
C6-C12	74	J B	800	767		ug/L		87	63 - 143		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Trifluorotoluene (Surr)	*78*		*10 - 150*

Lab Sample ID: 240-21987-1 MSD
Matrix: Water
Analysis Batch: 79100

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C12	74	J B	800	751		ug/L		85	63 - 143	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Trifluorotoluene (Surr)	*81*		*10 - 150*

Method: 8015B_DRO/DOD - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MRL 240-78992/4 MRL
Matrix: Water
Analysis Batch: 78992

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel			100	91.4	J	ng/uL		91	70 - 130		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Nonane	*102*		*70 - 130*

Lab Sample ID: MRL 240-78992/9 MRL
Matrix: Water
Analysis Batch: 78992

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel			100	98.8	J	ng/uL		99	70 - 130		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Nonane	*109*		*70 - 130*

Method: 8081/DOD - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-78726/2-A
Matrix: Water
Analysis Batch: 79056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78726

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.010	U	0.050	0.0096	ug/L		03/19/13 09:10	03/21/13 17:56	1
4,4'-DDE	0.010	U	0.050	0.0097	ug/L		03/19/13 09:10	03/21/13 17:56	1
4,4'-DDT	0.030	U	0.050	0.016	ug/L		03/19/13 09:10	03/21/13 17:56	1
Aldrin	0.010	U	0.050	0.0082	ug/L		03/19/13 09:10	03/21/13 17:56	1
alpha-BHC	0.010	U	0.050	0.0070	ug/L		03/19/13 09:10	03/21/13 17:56	1
alpha-Chlordane	0.014	U	0.050	0.014	ug/L		03/19/13 09:10	03/21/13 17:56	1
beta-BHC	0.010	U	0.050	0.0084	ug/L		03/19/13 09:10	03/21/13 17:56	1
delta-BHC	0.010	U	0.050	0.0087	ug/L		03/19/13 09:10	03/21/13 17:56	1
Dieldrin	0.010	U	0.050	0.0075	ug/L		03/19/13 09:10	03/21/13 17:56	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		03/19/13 09:10	03/21/13 17:56	1
Endosulfan II	0.012	U	0.050	0.012	ug/L		03/19/13 09:10	03/21/13 17:56	1
Endosulfan sulfate	0.011	U	0.050	0.011	ug/L		03/19/13 09:10	03/21/13 17:56	1
Endrin	0.011	U	0.050	0.011	ug/L		03/19/13 09:10	03/21/13 17:56	1
Endrin aldehyde	0.011	U	0.050	0.011	ug/L		03/19/13 09:10	03/21/13 17:56	1
Endrin ketone	0.010	U	0.050	0.0078	ug/L		03/19/13 09:10	03/21/13 17:56	1
gamma-BHC (Lindane)	0.010	U	0.050	0.0064	ug/L		03/19/13 09:10	03/21/13 17:56	1
gamma-Chlordane	0.012	U	0.050	0.012	ug/L		03/19/13 09:10	03/21/13 17:56	1
Heptachlor	0.010	U	0.050	0.0080	ug/L		03/19/13 09:10	03/21/13 17:56	1
Heptachlor epoxide	0.010	U	0.050	0.0071	ug/L		03/19/13 09:10	03/21/13 17:56	1
Methoxychlor	0.032	U	0.10	0.032	ug/L		03/19/13 09:10	03/21/13 17:56	1
Toxaphene	0.50	U	2.0	0.32	ug/L		03/19/13 09:10	03/21/13 17:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*91*		*30 - 135*	*03/19/13 09:10*	*03/21/13 17:56*	*1*
DCB Decachlorobiphenyl	*89*		*30 - 135*	*03/19/13 09:10*	*03/21/13 17:56*	*1*
Tetrachloro-m-xylene	*85*		*25 - 140*	*03/19/13 09:10*	*03/21/13 17:56*	*1*
Tetrachloro-m-xylene	*82*		*25 - 140*	*03/19/13 09:10*	*03/21/13 17:56*	*1*

Lab Sample ID: LCS 240-78726/3-A
Matrix: Water
Analysis Batch: 79056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78726

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.500	0.547		ug/L		109	25 - 150
4,4'-DDE	0.500	0.505		ug/L		101	35 - 140
4,4'-DDT	0.500	0.596		ug/L		119	45 - 140
Aldrin	0.500	0.485		ug/L		97	25 - 140
alpha-BHC	0.500	0.469		ug/L		94	60 - 130
alpha-Chlordane	0.500	0.492		ug/L		98	65 - 125
beta-BHC	0.500	0.474		ug/L		95	65 - 125
delta-BHC	0.500	0.518		ug/L		104	45 - 135
Dieldrin	0.500	0.514		ug/L		103	60 - 130
Endosulfan I	0.500	0.418		ug/L		84	50 - 110
Endosulfan II	0.500	0.454		ug/L		91	30 - 130
Endosulfan sulfate	0.500	0.526		ug/L		105	55 - 135
Endrin	0.500	0.520		ug/L		104	55 - 135
Endrin aldehyde	0.500	0.486		ug/L		97	55 - 135
Endrin ketone	0.500	0.510		ug/L		102	75 - 125

Method: 8081/DOD - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 240-78726/3-A
Matrix: Water
Analysis Batch: 79056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78726

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.500	0.476		ug/L		95	25 - 135
gamma-Chlordane	0.500	0.510		ug/L		102	60 - 125
Heptachlor	0.500	0.492		ug/L		98	40 - 130
Heptachlor epoxide	0.500	0.501		ug/L		100	60 - 130
Methoxychlor	0.500	0.572		ug/L		114	55 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*56*		*30 - 135*
DCB Decachlorobiphenyl	*55*		*30 - 135*
Tetrachloro-m-xylene	*79*		*25 - 140*
Tetrachloro-m-xylene	*78*		*25 - 140*

Lab Sample ID: MRL 240-79056/15 MRL
Matrix: Water
Analysis Batch: 79056

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.00500	0.00543		ng/uL		109	70 - 130
4,4'-DDD	0.00500	0.00547		ng/uL		109	70 - 130
4,4'-DDE	0.00500	0.00531		ng/uL		106	70 - 130
4,4'-DDE	0.00500	0.00504		ng/uL		101	70 - 130
4,4'-DDT	0.00500	0.00582		ng/uL		116	70 - 130
4,4'-DDT	0.00500	0.00574		ng/uL		115	70 - 130
Aldrin	0.00500	0.00506		ng/uL		101	70 - 130
Aldrin	0.00500	0.00511		ng/uL		102	70 - 130
alpha-BHC	0.00500	0.00458	J	ng/uL		92	70 - 130
alpha-BHC	0.00500	0.00460	J	ng/uL		92	70 - 130
alpha-Chlordane	0.00500	0.00564		ng/uL		113	70 - 130
alpha-Chlordane	0.00500	0.00539		ng/uL		108	70 - 130
beta-BHC	0.00500	0.00563		ng/uL		113	70 - 130
beta-BHC	0.00500	0.00595		ng/uL		119	70 - 130
delta-BHC	0.00500	0.00491	J	ng/uL		98	70 - 130
delta-BHC	0.00500	0.00510		ng/uL		102	70 - 130
Dieldrin	0.00500	0.00550		ng/uL		110	70 - 130
Dieldrin	0.00500	0.00528		ng/uL		106	70 - 130
Endosulfan I	0.00500	0.00566		ng/uL		113	70 - 130
Endosulfan I	0.00500	0.00557		ng/uL		111	70 - 130
Endosulfan II	0.00500	0.00569		ng/uL		114	70 - 130
Endosulfan II	0.00500	0.00605		ng/uL		121	70 - 130
Endosulfan sulfate	0.00500	0.00604		ng/uL		121	70 - 130
Endosulfan sulfate	0.00500	0.00625		ng/uL		125	70 - 130
Endrin	0.00500	0.00566		ng/uL		113	70 - 130
Endrin	0.00500	0.00562		ng/uL		112	70 - 130
Endrin aldehyde	0.00500	0.00601		ng/uL		120	70 - 130
Endrin aldehyde	0.00500	0.00618		ng/uL		124	70 - 130
Endrin ketone	0.00500	0.00600		ng/uL		120	70 - 130
Endrin ketone	0.00500	0.00624		ng/uL		125	70 - 130
gamma-BHC (Lindane)	0.00500	0.00474	J	ng/uL		95	70 - 130

Method: 8081/DOD - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MRL 240-79056/15 MRL
Matrix: Water
Analysis Batch: 79056

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.00500	0.00494	J	ng/uL		99	70 - 130
gamma-Chlordane	0.00500	0.00543		ng/uL		109	70 - 130
gamma-Chlordane	0.00500	0.00545		ng/uL		109	70 - 130
Heptachlor	0.00500	0.00535		ng/uL		107	70 - 130
Heptachlor	0.00500	0.00529		ng/uL		106	70 - 130
Heptachlor epoxide	0.00500	0.00546		ng/uL		109	70 - 130
Heptachlor epoxide	0.00500	0.00548		ng/uL		110	70 - 130
Methoxychlor	0.00500	0.00695	J ^	ng/uL		139	70 - 130
Methoxychlor	0.00500	0.00645	J	ng/uL		129	70 - 130

Lab Sample ID: MRL 240-79056/8 MRL
Matrix: Water
Analysis Batch: 79056

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.00500	0.00524		ng/uL		105	70 - 130
4,4'-DDD	0.00500	0.00539		ng/uL		108	70 - 130
4,4'-DDE	0.00500	0.00490	J	ng/uL		98	70 - 130
4,4'-DDE	0.00500	0.00507		ng/uL		101	70 - 130
4,4'-DDT	0.00500	0.00553		ng/uL		111	70 - 130
4,4'-DDT	0.00500	0.00544		ng/uL		109	70 - 130
Aldrin	0.00500	0.00494	J	ng/uL		99	70 - 130
Aldrin	0.00500	0.00499	J	ng/uL		100	70 - 130
alpha-BHC	0.00500	0.00446	J	ng/uL		89	70 - 130
alpha-BHC	0.00500	0.00450	J	ng/uL		90	70 - 130
alpha-Chlordane	0.00500	0.00535		ng/uL		107	70 - 130
alpha-Chlordane	0.00500	0.00547		ng/uL		109	70 - 130
beta-BHC	0.00500	0.00551		ng/uL		110	70 - 130
beta-BHC	0.00500	0.00580		ng/uL		116	70 - 130
delta-BHC	0.00500	0.00478	J	ng/uL		96	70 - 130
delta-BHC	0.00500	0.00497	J	ng/uL		99	70 - 130
Dieldrin	0.00500	0.00529		ng/uL		106	70 - 130
Dieldrin	0.00500	0.00533		ng/uL		107	70 - 130
Endosulfan I	0.00500	0.00533		ng/uL		107	70 - 130
Endosulfan I	0.00500	0.00567		ng/uL		113	70 - 130
Endosulfan II	0.00500	0.00558		ng/uL		112	70 - 130
Endosulfan II	0.00500	0.00591		ng/uL		118	70 - 130
Endosulfan sulfate	0.00500	0.00584		ng/uL		117	70 - 130
Endosulfan sulfate	0.00500	0.00610		ng/uL		122	70 - 130
Endrin	0.00500	0.00539		ng/uL		108	70 - 130
Endrin	0.00500	0.00555		ng/uL		111	70 - 130
Endrin aldehyde	0.00500	0.00616		ng/uL		123	70 - 130
Endrin aldehyde	0.00500	0.00603		ng/uL		121	70 - 130
Endrin ketone	0.00500	0.00582		ng/uL		116	70 - 130
Endrin ketone	0.00500	0.00605		ng/uL		121	70 - 130
gamma-BHC (Lindane)	0.00500	0.00467	J	ng/uL		93	70 - 130
gamma-BHC (Lindane)	0.00500	0.00485	J	ng/uL		97	70 - 130
gamma-Chlordane	0.00500	0.00521		ng/uL		104	70 - 130

Method: 8081/DOD - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MRL 240-79056/8 MRL
Matrix: Water
Analysis Batch: 79056

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-Chlordane	0.00500	0.00555		ng/uL		111	70 - 130
Heptachlor	0.00500	0.00524		ng/uL		105	70 - 130
Heptachlor	0.00500	0.00521		ng/uL		104	70 - 130
Heptachlor epoxide	0.00500	0.00532		ng/uL		106	70 - 130
Heptachlor epoxide	0.00500	0.00540		ng/uL		108	70 - 130
Methoxychlor	0.00500	0.00644	J	ng/uL		129	70 - 130
Methoxychlor	0.00500	0.00609	J	ng/uL		122	70 - 130

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

Lab Sample ID: MB 240-78721/17-A
Matrix: Water
Analysis Batch: 79577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78721

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	0.20	U	0.50	0.13	ug/L		03/19/13 08:52	03/27/13 12:28	1
Aroclor-1016	0.20	U	0.50	0.17	ug/L		03/19/13 08:52	03/27/13 12:28	1
Aroclor-1232	0.20	U	0.50	0.16	ug/L		03/19/13 08:52	03/27/13 12:28	1
Aroclor-1242	0.40	U	0.50	0.22	ug/L		03/19/13 08:52	03/27/13 12:28	1
Aroclor-1248	0.20	U	0.50	0.10	ug/L		03/19/13 08:52	03/27/13 12:28	1
Aroclor-1254	0.20	U	0.50	0.16	ug/L		03/19/13 08:52	03/27/13 12:28	1
Aroclor-1260	0.20	U	0.50	0.17	ug/L		03/19/13 08:52	03/27/13 12:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*40 - 140*	*03/19/13 08:52*	*03/27/13 12:28*	*1*
Tetrachloro-m-xylene	*88*		*40 - 140*	*03/19/13 08:52*	*03/27/13 12:28*	*1*
DCB Decachlorobiphenyl	*77*		*40 - 135*	*03/19/13 08:52*	*03/27/13 12:28*	*1*
DCB Decachlorobiphenyl	*75*		*40 - 135*	*03/19/13 08:52*	*03/27/13 12:28*	*1*

Lab Sample ID: LCS 240-78721/18-A
Matrix: Water
Analysis Batch: 79577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78721

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	5.00	4.44		ug/L		89	25 - 145
Aroclor-1260	5.00	4.51		ug/L		90	30 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*73*		*40 - 140*
Tetrachloro-m-xylene	*88*		*40 - 140*
DCB Decachlorobiphenyl	*79*		*40 - 135*
DCB Decachlorobiphenyl	*87*		*40 - 135*

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

Lab Sample ID: MRL 240-79577/31 MRL
Matrix: Water
Analysis Batch: 79577

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	0.0500	0.0543		ng/uL		109	70 - 130
Aroclor-1016	0.0500	0.0601		ng/uL		120	70 - 130
Aroclor-1260	0.0500	0.0536		ng/uL		107	70 - 130
Aroclor-1260	0.0500	0.0571		ng/uL		114	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Tetrachloro-m-xylene	*112*		*50 - 150*
Tetrachloro-m-xylene	*136*		*50 - 150*
DCB Decachlorobiphenyl	*120*		*50 - 150*
DCB Decachlorobiphenyl	*132*		*50 - 150*

Lab Sample ID: MRL 240-79577/4 MRL
Matrix: Water
Analysis Batch: 79577

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	0.0500	0.0545		ng/uL		109	70 - 130
Aroclor-1260	0.0500	0.0545		ng/uL		109	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Tetrachloro-m-xylene	*119*		*50 - 150*
DCB Decachlorobiphenyl	*116*		*50 - 150*

Method: 8151/DOD - Herbicides (GC)

Lab Sample ID: MB 240-78626/3-A
Matrix: Water
Analysis Batch: 79197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78626

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.50	U	4.0	0.41	ug/L		03/18/13 10:35	03/22/13 21:21	1
Dalapon	0.20	U	2.0	0.17	ug/L		03/18/13 10:35	03/22/13 21:21	1
2,4-DB	1.0	U	4.0	0.69	ug/L		03/18/13 10:35	03/22/13 21:21	1
Dicamba	1.0	U	2.0	0.52	ug/L		03/18/13 10:35	03/22/13 21:21	1
Dichlorprop	1.0	U	4.0	0.86	ug/L		03/18/13 10:35	03/22/13 21:21	1
Dinoseb	0.20	U	0.60	0.087	ug/L		03/18/13 10:35	03/22/13 21:21	1
MCPA	400	U	400	390	ug/L		03/18/13 10:35	03/22/13 21:21	1
MCPP	400	U	400	400	ug/L		03/18/13 10:35	03/22/13 21:21	1
Pentachlorophenol	0.040	U	0.10	0.024	ug/L		03/18/13 10:35	03/22/13 21:21	1
Silvex (2,4,5-TP)	0.20	U	1.0	0.20	ug/L		03/18/13 10:35	03/22/13 21:21	1
2,4,5-T	0.50	U	1.0	0.30	ug/L		03/18/13 10:35	03/22/13 21:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*79*		*32 - 112*	*03/18/13 10:35*	*03/22/13 21:21*	*1*
2,4-Dichlorophenylacetic acid	*88*		*32 - 112*	*03/18/13 10:35*	*03/22/13 21:21*	*1*

Method: 8151/DOD - Herbicides (GC) (Continued)

Lab Sample ID: LCS 240-78626/4-A
Matrix: Water
Analysis Batch: 79197

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	40.0	41.7		ug/L		104	35 - 115
Dalapon	20.0	17.5		ug/L		87	40 - 110
2,4-DB	40.0	21.4		ug/L		53	45 - 130
Dicamba	20.0	19.7		ug/L		98	60 - 110
Dichlorprop	40.0	50.2	Q	ug/L		126	70 - 120
Dinoseb	6.00	5.02		ug/L		84	20 - 110
MCPA	4000	3800		ug/L		95	60 - 145
Silvex (2,4,5-TP)	10.0	10.2		ug/L		102	50 - 115
2,4,5-T	10.0	11.1	Q	ug/L		111	35 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*91*		*32 - 112*
2,4-Dichlorophenylacetic acid	*99*		*32 - 112*

Lab Sample ID: MRL 240-79197/13 MRL
Matrix: Water
Analysis Batch: 79197

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.0200	0.0231		ng/uL		115	70 - 130
2,4-D	0.0200	0.0205		ng/uL		103	70 - 130
Dalapon	0.0100	0.0127		ng/uL		127	70 - 130
Dalapon	0.0100	0.0122		ng/uL		122	70 - 130
2,4-DB	0.0200	0.0208		ng/uL		104	70 - 130
2,4-DB	0.0200	0.0193		ng/uL		97	70 - 130
Dicamba	0.0100	0.0120		ng/uL		120	70 - 130
Dicamba	0.0100	0.0109		ng/uL		109	70 - 130
Dichlorprop	0.0200	0.0259		ng/uL		130	70 - 130
Dichlorprop	0.0200	0.0223		ng/uL		112	70 - 130
Dinoseb	0.00300	0.00365		ng/uL		122	70 - 130
Dinoseb	0.00300	0.00303	M	ng/uL		101	70 - 130
MCPA	2.00	0.962	^	ng/uL		48	70 - 130
MCPA	2.00	0.925	^	ng/uL		46	70 - 130
Silvex (2,4,5-TP)	0.00500	0.00550		ng/uL		110	70 - 130
Silvex (2,4,5-TP)	0.00500	0.00507		ng/uL		101	70 - 130
2,4,5-T	0.00500	0.00521		ng/uL		104	70 - 130
2,4,5-T	0.00500	0.00473		ng/uL		95	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*130*	*Q*	*32 - 112*
2,4-Dichlorophenylacetic acid	*117*	*Q*	*32 - 112*

Method: 8151/DOD - Herbicides (GC) (Continued)

Lab Sample ID: MRL 240-79197/20 MRL
Matrix: Water
Analysis Batch: 79197

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.0200	0.0231		ng/uL		116	70 - 130
2,4-D	0.0200	0.0212		ng/uL		106	70 - 130
Dalapon	0.0100	0.0127		ng/uL		127	70 - 130
Dalapon	0.0100	0.0114		ng/uL		114	70 - 130
2,4-DB	0.0200	0.0210		ng/uL		105	70 - 130
2,4-DB	0.0200	0.0192	M	ng/uL		96	70 - 130
Dicamba	0.0100	0.0122		ng/uL		122	70 - 130
Dicamba	0.0100	0.0113		ng/uL		113	70 - 130
Dichlorprop	0.0200	0.0262	^	ng/uL		131	70 - 130
Dichlorprop	0.0200	0.0225		ng/uL		113	70 - 130
Dinoseb	0.00300	0.00368		ng/uL		123	70 - 130
Dinoseb	0.00300	0.00295		ng/uL		98	70 - 130
MCPA	2.00	0.998	^	ng/uL		50	70 - 130
MCPA	2.00	1.03	^	ng/uL		51	70 - 130
Silvex (2,4,5-TP)	0.00500	0.00559		ng/uL		112	70 - 130
Silvex (2,4,5-TP)	0.00500	0.00502		ng/uL		100	70 - 130
2,4,5-T	0.00500	0.00518		ng/uL		104	70 - 130
2,4,5-T	0.00500	0.00473		ng/uL		95	70 - 130

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*132*	*Q*	*32 - 112*
2,4-Dichlorophenylacetic acid	*119*	*Q*	*32 - 112*

Method: 8330 Modified - Nitroguanidine (HPLC)

Lab Sample ID: MB 320-12568/1-A
Matrix: Water
Analysis Batch: 12714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12568

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Nitroguanidine	6.0	U	20	2.4	ug/L		03/19/13 14:18	03/21/13 13:01	1

Lab Sample ID: MB 320-12568/1-A
Matrix: Water
Analysis Batch: 12878

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12568

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Nitroguanidine	6.0	U	20	2.4	ug/L		03/19/13 14:18	03/22/13 15:32	1

Lab Sample ID: LCS 320-12568/2-A
Matrix: Water
Analysis Batch: 12714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitroguanidine	250	250		ug/L		100	73 - 117

Method: 8330 Modified - Nitroguanidine (HPLC) (Continued)

Lab Sample ID: 240-21987-1 MS — **Client Sample ID: 079-0007-0001-SOURCEWATER**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 12714 — **Prep Batch: 12568**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitroguanidine	6.0	J	250	268		ug/L		105	73 - 117

Lab Sample ID: 240-21987-1 MSD — **Client Sample ID: 079-0007-0001-SOURCEWATER**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 12714 — **Prep Batch: 12568**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitroguanidine	6.0	J	250	263		ug/L		103	73 - 117	2	15

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: MB 320-12565/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 12703 — **Prep Batch: 12565**

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.050	U	0.10	0.031	ug/L		03/19/13 13:52	03/21/13 12:51	1
1,3-Dinitrobenzene	0.10	U	0.10	0.050	ug/L		03/19/13 13:52	03/21/13 12:51	1
2,4,6-Trinitrotoluene	0.10	U	0.10	0.050	ug/L		03/19/13 13:52	03/21/13 12:51	1
2,4-Dinitrotoluene	0.10	U	0.10	0.050	ug/L		03/19/13 13:52	03/21/13 12:51	1
2,6-Dinitrotoluene	0.10	U	0.10	0.050	ug/L		03/19/13 13:52	03/21/13 12:51	1
2-Amino-4,6-dinitrotoluene	0.10	U	0.20	0.015	ug/L		03/19/13 13:52	03/21/13 12:51	1
2-Nitrotoluene	0.10	U	0.50	0.088	ug/L		03/19/13 13:52	03/21/13 12:51	1
3-Nitrotoluene	0.10	U	0.50	0.057	ug/L		03/19/13 13:52	03/21/13 12:51	1
4-Nitrotoluene	0.10	U	0.50	0.088	ug/L		03/19/13 13:52	03/21/13 12:51	1
4-Amino-2,6-dinitrotoluene	0.10	U	0.10	0.050	ug/L		03/19/13 13:52	03/21/13 12:51	1
HMX	0.050	U	0.10	0.036	ug/L		03/19/13 13:52	03/21/13 12:51	1
RDX	0.050	U	0.10	0.036	ug/L		03/19/13 13:52	03/21/13 12:51	1
Nitrobenzene	0.10	U	0.10	0.050	ug/L		03/19/13 13:52	03/21/13 12:51	1
Tetryl	0.10	U	0.10	0.050	ug/L		03/19/13 13:52	03/21/13 12:51	1
Nitroglycerin	0.50	U	0.65	0.33	ug/L		03/19/13 13:52	03/21/13 12:51	1
PETN	0.50	U	0.65	0.30	ug/L		03/19/13 13:52	03/21/13 12:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
3,4-Dinitrotoluene	*87*		*79 - 111*	*03/19/13 13:52*	*03/21/13 12:51*	*1*

Lab Sample ID: LCS 320-12565/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 12703 — **Prep Batch: 12565**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trinitrobenzene	1.00	1.03		ug/L		103	74 - 120
1,3-Dinitrobenzene	1.00	1.05		ug/L		105	72 - 123
2,4,6-Trinitrotoluene	1.00	0.901		ug/L		90	69 - 111
2,4-Dinitrotoluene	1.00	0.977		ug/L		98	70 - 119
2,6-Dinitrotoluene	1.00	0.969		ug/L		97	71 - 119
2-Amino-4,6-dinitrotoluene	1.00	0.987		ug/L		99	77 - 123
2-Nitrotoluene	1.00	0.930		ug/L		93	64 - 120

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: LCS 320-12565/2-A
Matrix: Water
Analysis Batch: 12703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12565

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitrotoluene	1.00	0.918		ug/L		92	67 - 114
4-Nitrotoluene	1.00	0.933		ug/L		93	67 - 115
4-Amino-2,6-dinitrotoluene	1.00	0.983		ug/L		98	68 - 113
HMX	1.00	1.02		ug/L		102	67 - 115
RDX	1.00	1.06		ug/L		106	68 - 122
Nitrobenzene	1.00	1.01		ug/L		101	69 - 119
Tetryl	1.00	0.881		ug/L		88	66 - 105
Nitroglycerin	5.00	4.65		ug/L		93	85 - 115
PETN	5.00	4.46		ug/L		89	84 - 117

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
3,4-Dinitrotoluene	*87*		*79 - 111*

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

Lab Sample ID: MB 180-66565/1-A
Matrix: Water
Analysis Batch: 68058

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 66565

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.20	U	1.0	0.11	ug/L		03/18/13 13:02	04/01/13 15:24	1
Aluminum	4.59	J	30	2.6	ug/L		03/18/13 13:02	04/01/13 15:24	1
Arsenic	0.50	U	1.0	0.29	ug/L		03/18/13 13:02	04/01/13 15:24	1
Barium	0.181	J Q	10	0.098	ug/L		03/18/13 13:02	04/01/13 15:24	1
Beryllium	0.090	U	1.0	0.045	ug/L		03/18/13 13:02	04/01/13 15:24	1
Calcium	20	U	100	9.4	ug/L		03/18/13 13:02	04/01/13 15:24	1
Cadmium	0.30	U	1.0	0.13	ug/L		03/18/13 13:02	04/01/13 15:24	1
Chromium	1.0	U	2.0	0.54	ug/L		03/18/13 13:02	04/01/13 15:24	1
Cobalt	0.050	U Q	0.50	0.026	ug/L		03/18/13 13:02	04/01/13 15:24	1
Copper	0.315	J Q	2.0	0.24	ug/L		03/18/13 13:02	04/01/13 15:24	1
Iron	20	U	50	11	ug/L		03/18/13 13:02	04/01/13 15:24	1
Magnesium	22	U	100	11	ug/L		03/18/13 13:02	04/01/13 15:24	1
Manganese	0.314	J Q	5.0	0.16	ug/L		03/18/13 13:02	04/01/13 15:24	1
Sodium	67.4	J	100	27	ug/L		03/18/13 13:02	04/01/13 15:24	1
Nickel	0.35	U	1.0	0.17	ug/L		03/18/13 13:02	04/01/13 15:24	1
Lead	0.236	J	1.0	0.15	ug/L		03/18/13 13:02	04/01/13 15:24	1
Antimony	0.90	U	2.0	0.46	ug/L		03/18/13 13:02	04/01/13 15:24	1
Thallium	0.20	U	1.0	0.10	ug/L		03/18/13 13:02	04/01/13 15:24	1
Vanadium	0.60	U	1.0	0.30	ug/L		03/18/13 13:02	04/01/13 15:24	1
Zinc	2.0	U Q	5.0	0.96	ug/L		03/18/13 13:02	04/01/13 15:24	1
Potassium	40.6	J	100	32	ug/L		03/18/13 13:02	04/01/13 15:24	1
Selenium	1.0	U	5.0	0.51	ug/L		03/18/13 13:02	04/01/13 15:24	1

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

Lab Sample ID: LCS 180-66565/2-A
Matrix: Water
Analysis Batch: 68058

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 66565

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	47.2		ug/L		94	80 - 120
Aluminum	2000	1680		ug/L		84	80 - 120
Arsenic	40.0	36.0		ug/L		90	80 - 120
Barium	2000	1800	Q	ug/L		90	80 - 120
Beryllium	50.0	46.4		ug/L		93	80 - 120
Calcium	50000	45900		ug/L		92	80 - 120
Cadmium	50.0	48.4		ug/L		97	80 - 120
Chromium	200	183		ug/L		91	80 - 120
Cobalt	500	452	Q	ug/L		90	80 - 120
Copper	250	229	Q	ug/L		91	80 - 120
Iron	1000	1050		ug/L		105	80 - 120
Magnesium	50000	44400		ug/L		89	80 - 120
Manganese	500	485	Q	ug/L		97	80 - 120
Sodium	50000	44900		ug/L		90	80 - 120
Nickel	500	452		ug/L		90	80 - 120
Lead	20.0	18.1		ug/L		91	80 - 120
Antimony	500	465		ug/L		93	80 - 120
Thallium	50.0	43.9		ug/L		88	80 - 120
Vanadium	500	458		ug/L		92	80 - 120
Zinc	500	481	Q	ug/L		96	80 - 120
Potassium	50000	44900		ug/L		90	80 - 120
Selenium	10.0	10.2		ug/L		102	80 - 120

Lab Sample ID: LCSD 180-66565/3-A
Matrix: Water
Analysis Batch: 68058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 66565

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	50.0	48.0		ug/L		96	80 - 120	2	20
Aluminum	2000	1840		ug/L		92	80 - 120	9	20
Arsenic	40.0	36.6		ug/L		91	80 - 120	2	20
Barium	2000	1800	Q	ug/L		90	80 - 120	0	20
Beryllium	50.0	46.4		ug/L		93	80 - 120	0	20
Calcium	50000	46800		ug/L		94	80 - 120	2	20
Cadmium	50.0	49.2		ug/L		98	80 - 120	2	20
Chromium	200	185		ug/L		92	80 - 120	1	20
Cobalt	500	455	Q	ug/L		91	80 - 120	1	20
Copper	250	231	Q	ug/L		92	80 - 120	1	20
Iron	1000	1070		ug/L		107	80 - 120	2	20
Magnesium	50000	44700		ug/L		89	80 - 120	1	20
Manganese	500	491	Q	ug/L		98	80 - 120	1	20
Sodium	50000	45100		ug/L		90	80 - 120	1	20
Nickel	500	451		ug/L		90	80 - 120	0	20
Lead	20.0	18.3		ug/L		92	80 - 120	1	20
Antimony	500	469		ug/L		94	80 - 120	1	20
Thallium	50.0	44.9		ug/L		90	80 - 120	2	20
Vanadium	500	463		ug/L		93	80 - 120	1	20
Zinc	500	489	Q	ug/L		98	80 - 120	2	20

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

Lab Sample ID: LCSD 180-66565/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 68058 — **Prep Batch: 66565**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Potassium			50000	45000		ug/L		90	80 - 120	0	20
Selenium			10.0	10.3		ug/L		103	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-78405/8 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78405

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0040	U	0.020	0.0020	mg/L			03/14/13 17:42	1

Lab Sample ID: LCS 240-78405/9 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78405

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)			0.250	0.267		mg/L		107	80 - 118		

Lab Sample ID: 240-21987-1 MS — **Client Sample ID: 079-0007-0001-SOURCEWATER**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78405

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	0.0040	U	0.250	0.278		mg/L		111	41 - 136		

Lab Sample ID: 240-21987-1 MSD — **Client Sample ID: 079-0007-0001-SOURCEWATER**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78405

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.0040	U	0.250	0.255		mg/L		102	41 - 136	9	20

Lab Sample ID: 240-21987-1 DU — **Client Sample ID: 079-0007-0001-SOURCEWATER**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 78405

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	0.0040	U	0.0040	U	mg/L		NC	

Method: WS-WC-0050 - Nitrocellulose

Lab Sample ID: MB 320-12877/1-B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 13190 — **Prep Batch: 12938**

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrocellulose	1.0	U	2.0	0.48	mg/L		03/25/13 08:23	03/25/13 12:47	1

Method: WS-WC-0050 - Nitrocellulose (Continued)

Lab Sample ID: LCS 320-12877/2-B
Matrix: Water
Analysis Batch: 13190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrocellulose	5.10	4.58		mg/L		90	26 - 144

Lab Sample ID: 240-21987-1 MS
Matrix: Water
Analysis Batch: 13190

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA
Prep Batch: 12938

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrocellulose	1.0	U	5.10	4.99		mg/L		98	26 - 144

Lab Sample ID: 240-21987-1 MSD
Matrix: Water
Analysis Batch: 13190

Client Sample ID: 079-0007-0001-SOURCEWATER
Prep Type: Total/NA
Prep Batch: 12938

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrocellulose	1.0	U	5.10	4.25		mg/L		83	26 - 144	16	45

Lab Sample ID: MRL 320-13190/10 MRL
Matrix: Water
Analysis Batch: 13190

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrocellulose	0.420	1.0	U	mg/L		98	70 - 130

Lab Sample ID: MRL 320-13190/20 MRL
Matrix: Water
Analysis Batch: 13190

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrocellulose	0.420	1.0	U	mg/L		102	70 - 130

GC/MS VOA

Analysis Batch: 79725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8260B/DoD	
240-21987-1 MS	079-0007-0001-SOURCEWATER	Total/NA	Water	8260B/DoD	
240-21987-1 MSD	079-0007-0001-SOURCEWATER	Total/NA	Water	8260B/DoD	
240-21987-2	079-0008-0001-TB TRIP BLANK	Total/NA	Water	8260B/DoD	
LCS 240-79725/4	Lab Control Sample	Total/NA	Water	8260B/DoD	
MB 240-79725/6	Method Blank	Total/NA	Water	8260B/DoD	
MRL 240-79725/14 MRL	Lab Control Sample	Total/NA	Water	8260B/DoD	
MRL 240-79725/5 MRL	Lab Control Sample	Total/NA	Water	8260B/DoD	

GC/MS Semi VOA

Prep Batch: 78456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	3520C	
LCS 240-78456/18-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-78456/17-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 79745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8270C/DoD	78456
LCS 240-78456/18-A	Lab Control Sample	Total/NA	Water	8270C/DoD	78456
MB 240-78456/17-A	Method Blank	Total/NA	Water	8270C/DoD	78456
MRL 240-79745/3 MRL	Lab Control Sample	Total/NA	Water	8270C/DoD	
MRL 240-79745/7 MRL	Lab Control Sample	Total/NA	Water	8270C/DoD	

GC VOA

Analysis Batch: 79100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8015B_GRO/DOD	
240-21987-1 MS	079-0007-0001-SOURCEWATER	Total/NA	Water	8015B_GRO/DOD	
240-21987-1 MSD	079-0007-0001-SOURCEWATER	Total/NA	Water	8015B_GRO/DOD	
240-21987-3	079-0009-0001-TB TRIP BLANK	Total/NA	Water	8015B_GRO/DOD	
LCS 240-79100/39	Lab Control Sample	Total/NA	Water	8015B_GRO/DOD	
MB 240-79100/38	Method Blank	Total/NA	Water	8015B_GRO/DOD	
MRL 240-79100/37 MRL	Lab Control Sample	Total/NA	Water	8015B_GRO/DOD	
MRL 240-79100/45 MRL	Lab Control Sample	Total/NA	Water	8015B_GRO/DOD	

GC Semi VOA

Prep Batch: 78624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	3520C	

GC Semi VOA (Continued)

Prep Batch: 78626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8151A	
LCS 240-78626/4-A	Lab Control Sample	Total/NA	Water	8151A	
MB 240-78626/3-A	Method Blank	Total/NA	Water	8151A	

Prep Batch: 78721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	3520C	
LCS 240-78721/18-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-78721/17-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 78726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	3520C	
LCS 240-78726/3-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-78726/2-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 78992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8015B_DRO/DOD	78624
MRL 240-78992/4 MRL	Lab Control Sample	Total/NA	Water	8015B_DRO/DOD	
MRL 240-78992/9 MRL	Lab Control Sample	Total/NA	Water	8015B_DRO/DOD	

Analysis Batch: 79056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8081/DOD	78726
LCS 240-78726/3-A	Lab Control Sample	Total/NA	Water	8081/DOD	78726
MB 240-78726/2-A	Method Blank	Total/NA	Water	8081/DOD	78726
MRL 240-79056/15 MRL	Lab Control Sample	Total/NA	Water	8081/DOD	
MRL 240-79056/8 MRL	Lab Control Sample	Total/NA	Water	8081/DOD	

Analysis Batch: 79197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8151/DOD	78626
LCS 240-78626/4-A	Lab Control Sample	Total/NA	Water	8151/DOD	78626
MB 240-78626/3-A	Method Blank	Total/NA	Water	8151/DOD	78626
MRL 240-79197/13 MRL	Lab Control Sample	Total/NA	Water	8151/DOD	
MRL 240-79197/20 MRL	Lab Control Sample	Total/NA	Water	8151/DOD	

Analysis Batch: 79577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8082/DOD	78721
LCS 240-78721/18-A	Lab Control Sample	Total/NA	Water	8082/DOD	78721
MB 240-78721/17-A	Method Blank	Total/NA	Water	8082/DOD	78721
MRL 240-79577/31 MRL	Lab Control Sample	Total/NA	Water	8082/DOD	
MRL 240-79577/4 MRL	Lab Control Sample	Total/NA	Water	8082/DOD	

HPLC/IC

Prep Batch: 12565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8330-Prep	
LCS 320-12565/2-A	Lab Control Sample	Total/NA	Water	8330-Prep	
MB 320-12565/1-A	Method Blank	Total/NA	Water	8330-Prep	

Prep Batch: 12568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	Filtration	
240-21987-1 MS	079-0007-0001-SOURCEWATER	Total/NA	Water	Filtration	
240-21987-1 MSD	079-0007-0001-SOURCEWATER	Total/NA	Water	Filtration	
LCS 320-12568/2-A	Lab Control Sample	Total/NA	Water	Filtration	
MB 320-12568/1-A	Method Blank	Total/NA	Water	Filtration	

Analysis Batch: 12703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8330B	12565
LCS 320-12565/2-A	Lab Control Sample	Total/NA	Water	8330B	12565
MB 320-12565/1-A	Method Blank	Total/NA	Water	8330B	12565

Analysis Batch: 12714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8330 Modified	12568
240-21987-1 MS	079-0007-0001-SOURCEWATER	Total/NA	Water	8330 Modified	12568
240-21987-1 MSD	079-0007-0001-SOURCEWATER	Total/NA	Water	8330 Modified	12568
LCS 320-12568/2-A	Lab Control Sample	Total/NA	Water	8330 Modified	12568
MB 320-12568/1-A	Method Blank	Total/NA	Water	8330 Modified	12568

Analysis Batch: 12878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	8330 Modified	12568
MB 320-12568/1-A	Method Blank	Total/NA	Water	8330 Modified	12568

Metals

Prep Batch: 66565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total Recoverable	Water	3005A	
LCS 180-66565/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 180-66565/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 180-66565/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 68058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total Recoverable	Water	6020/DOD	66565
LCS 180-66565/2-A	Lab Control Sample	Total Recoverable	Water	6020/DOD	66565
LCSD 180-66565/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020/DOD	66565
MB 180-66565/1-A	Method Blank	Total Recoverable	Water	6020/DOD	66565

Prep Batch: 78432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	7470A	

Metals (Continued)

Analysis Batch: 78674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	7470A/DOD	78432

General Chemistry

Prep Batch: 12938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	353 (NCell-Hyd)	
240-21987-1 MS	079-0007-0001-SOURCEWATER	Total/NA	Water	353 (NCell-Hyd)	
240-21987-1 MSD	079-0007-0001-SOURCEWATER	Total/NA	Water	353 (NCell-Hyd)	
LCS 320-12877/2-B	Lab Control Sample	Total/NA	Water	353 (NCell-Hyd)	
MB 320-12877/1-B	Method Blank	Total/NA	Water	353 (NCell-Hyd)	

Analysis Batch: 13190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	WS-WC-0050	12938
240-21987-1 MS	079-0007-0001-SOURCEWATER	Total/NA	Water	WS-WC-0050	12938
240-21987-1 MSD	079-0007-0001-SOURCEWATER	Total/NA	Water	WS-WC-0050	12938
LCS 320-12877/2-B	Lab Control Sample	Total/NA	Water	WS-WC-0050	12938
MB 320-12877/1-B	Method Blank	Total/NA	Water	WS-WC-0050	12938
MRL 320-13190/10 MRL	Lab Control Sample	Total/NA	Water	WS-WC-0050	
MRL 320-13190/20 MRL	Lab Control Sample	Total/NA	Water	WS-WC-0050	

Analysis Batch: 78405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-21987-1	079-0007-0001-SOURCEWATER	Total/NA	Water	7196A	
240-21987-1 DU	079-0007-0001-SOURCEWATER	Total/NA	Water	7196A	
240-21987-1 MS	079-0007-0001-SOURCEWATER	Total/NA	Water	7196A	
240-21987-1 MSD	079-0007-0001-SOURCEWATER	Total/NA	Water	7196A	
LCS 240-78405/9	Lab Control Sample	Total/NA	Water	7196A	
MB 240-78405/8	Method Blank	Total/NA	Water	7196A	

Client Sample ID: 079-0007-0001-SOURCEWATER

Lab Sample ID: 240-21987-1

Date Collected: 03/14/13 12:00

Matrix: Water

Date Received: 03/14/13 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/DoD		1	79725	03/28/13 11:21	RQ	TAL CAN
Total/NA	Prep	3520C			78456	03/15/13 08:45	AC	TAL CAN
Total/NA	Analysis	8270C/DoD		1	79745	03/28/13 12:53	JG	TAL CAN
Total/NA	Analysis	8015B_GRO/DOD		1	79100	03/23/13 09:27	HMB	TAL CAN
Total/NA	Prep	3520C			78624	03/18/13 10:31	BM	TAL CAN
Total/NA	Analysis	8015B_DRO/DOD		1	78992	03/21/13 17:45	DB	TAL CAN
Total/NA	Prep	3520C			78726	03/19/13 09:10	LM	TAL CAN
Total/NA	Analysis	8081/DOD		1	79056	03/21/13 17:36	RS	TAL CAN
Total/NA	Prep	3520C			78726	03/19/13 09:10	LM	TAL CAN
Total/NA	Analysis	8081/DOD		1	79056	03/21/13 17:36	RS	TAL CAN
Total/NA	Prep	8151A			78626	03/18/13 10:35	BM	TAL CAN
Total/NA	Analysis	8151/DOD		1	79197	03/22/13 20:57	DB	TAL CAN
Total/NA	Prep	8151A			78626	03/18/13 10:35	BM	TAL CAN
Total/NA	Analysis	8151/DOD		1	79197	03/22/13 20:57	DB	TAL CAN
Total/NA	Prep	3520C			78721	03/19/13 08:52	LM	TAL CAN
Total/NA	Analysis	8082/DOD		1	79577	03/27/13 10:07	LH	TAL CAN
Total/NA	Prep	3520C			78721	03/19/13 08:52	LM	TAL CAN
Total/NA	Analysis	8082/DOD		1	79577	03/27/13 10:07	LH	TAL CAN
Total/NA	Prep	8330-Prep			12565	03/19/13 13:52	HA	TAL SAC
Total/NA	Analysis	8330B		1	12703	03/21/13 14:11	RN	TAL SAC
Total/NA	Prep	Filtration			12568	03/19/13 14:18	HA	TAL SAC
Total/NA	Analysis	8330 Modified		1	12714	03/21/13 13:31	RN	TAL SAC
Total/NA	Prep	Filtration			12568	03/19/13 14:18	HA	TAL SAC
Total/NA	Analysis	8330 Modified		1	12878	03/22/13 15:53	NS	TAL SAC
Total Recoverable	Prep	3005A			66565	03/18/13 13:02	CH	TAL PIT
Total Recoverable	Analysis	6020/DOD		1	68058	04/01/13 15:42	BR	TAL PIT
Total/NA	Prep	7470A			78432	03/15/13 12:45	LM	TAL CAN
Total/NA	Analysis	7470A/DOD		1	78674	03/18/13 17:49	SG	TAL CAN
Total/NA	Analysis	7196A		1	78405	03/14/13 17:44	AM	TAL CAN
Total/NA	Prep	353 (NCell-Hyd)			12938	03/25/13 08:23	TP	TAL SAC
Total/NA	Analysis	WS-WC-0050		1	13190	03/25/13 12:51	JB	TAL SAC

Client Sample ID: 079-0008-0001-TB TRIP BLANK

Lab Sample ID: 240-21987-2

Date Collected: 03/14/13 08:00

Matrix: Water

Date Received: 03/14/13 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/DoD		1	79725	03/28/13 11:47	RQ	TAL CAN

Lab Chronicle

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Client Sample ID: 079-0009-0001-TB TRIP BLANK — **Lab Sample ID: 240-21987-3**

Date Collected: 03/14/13 08:00 — **Matrix: Water**

Date Received: 03/14/13 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B_GRO/DOD		1	79100	03/23/13 11:16	HMB	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
West Virginia DEP	State Program	3	210	12-31-13
Wisconsin	State Program	5	999518190	08-31-13

Laboratory: TestAmerica Pittsburgh

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	88-0690	06-27-13
California	NELAP	9	4224CA	03-31-14
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-13
Illinois	NELAP	5	002602	06-30-13
L-A-B	DoD ELAP		L2314	07-24-13
Louisiana	NELAP	6	04041	06-30-13
New Hampshire	NELAP	1	203011	04-04-13 *
New Jersey	NELAP	2	PA005	06-30-13
New York	NELAP	2	11182	04-01-13 *
North Carolina DENR	State Program	4	434	12-31-13
Pennsylvania	NELAP	3	02-00416	04-30-13
South Carolina	State Program	4	89014	04-30-13
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P-Soil-01	04-16-15
USDA	Federal		P330-10-00139	04-28-13
Utah	NELAP	8	STLP	04-30-13
Virginia	NELAP	3	460189	09-14-13
West Virginia DEP	State Program	3	142	01-31-14
Wisconsin	State Program	5	998027800	08-31-13

Laboratory: TestAmerica Sacramento

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		2928-01	01-31-14
Alaska (UST)	State Program	10	UST-055	12-18-13

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

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-21987-1

Laboratory: TestAmerica Sacramento (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
Arizona	State Program	9	AZ0708	08-11-13 *
Arkansas DEQ	State Program	6	88-0691	06-17-13
California	NELAP	9	1119CA	01-31-14
Colorado	State Program	8	N/A	08-31-13
Connecticut	State Program	1	PH-0691	06-30-13
Florida	NELAP	4	E87570	06-30-13
Guam	State Program	9	N/A	08-31-13
Hawaii	State Program	9	N/A	01-31-14
Illinois	NELAP	5	200060	03-17-14
Kansas	NELAP	7	E-10375	10-31-13
Louisiana	NELAP	6	30612	06-30-13
Michigan	State Program	5	9947	01-31-14
Nevada	State Program	9	CA44	07-31-13
New Jersey	NELAP	2	CA005	06-30-13
New York	NELAP	2	11666	05-01-13 *
Northern Mariana Islands	State Program	9	MP0007	02-01-14
Oregon	NELAP	10	CA200005	03-28-14
Pennsylvania	NELAP	3	68-01272	05-31-13 *
South Carolina	State Program	4	87014	06-30-13
Texas	NELAP	6	T104704399-08-TX	05-31-13
US Fish & Wildlife	Federal		LE148388-0	12-31-13
USDA	Federal		P330-11-00436	12-30-14
USEPA UCMR	Federal	1	CA00044	11-06-14
Utah	NELAP	8	QUAN1	01-31-14
Washington	State Program	10	C581	05-05-13
West Virginia	State Program	3	9930C	12-31-13
West Virginia DEP	State Program	3	334	07-31-13
Wyoming	State Program	8	8TMS-Q	01-31-14

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: ECC	Client Project Manager: A. EASTERDAY	Site Contact: J. DONOVAN	Lab Contact: MARK LOEB	COC No: 048788
Address: 39 BOSTON POST RD WEST #420	Telephone:	Telephone: 508-509-1784	Telephone:	1 of 1 COCs
City/State/Zip: MARLBORO, MA 01752	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☒ ~~2 days~~ 5 DAY ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: RAVENNA	Method of Shipment/Carrier: LAB PICK UP			Job/SDG No:
Project Number:	Shipping/Tracking No:			

PO #			Matrix					Containers & Preservatives																Sample Specific Notes / Special Instructions:
Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite C / Grab G	TAL METALS	EXPLOSIVES	PAH/PLANTS	HERBICIDE	PCB / PESTICIDES	SVOC	TPH/DRO	TPH/GRO	HEX CHROM	VOC	
079-0007-0001-SOURCE WATER	3/14/13	1200		X					4°	X			X				X	X	X	X	X	X	X	X	X	X	
079-0008-0001-TB TRIP BLANK	↓	0800		X						X																X	
079-0009-0001-TB TRIP BLANK	↓	0800		X						X														X			

240-21987 Chain of Custody

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

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 & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	ECC	3/14/13 1530	[signature]	TAL	3/14/13 1530
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: [signature]	Company: TAL	Date/Time: 3/14/13 1620	Received in Laboratory by: [signature]	Company: TAL Canton	Date/Time: 3/14/13 1620

TAL 0018- 1 (04/10)

TestAmerica Canton Sample Receipt Form/Narrative **Login # :**

Client ECC Site Name ______ By: [signature] (Signature)

Cooler Received on 3-14-13 Opened on 3-14-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off (TestAmerica Courier) Other ______

TestAmerica Cooler # ______ Foam Box (Client Cooler) Box Other ______

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other ______

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF -2 °C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C
IR GUN# 4G	(CF 0 °C)	Observed Sample Temp. 2.4 °C	Corrected Sample Temp. 2.4 °C
IR GUN# 5G	(CF 0 °C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C
IR GUN# 8	(CF 0 °C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C

☐ Multiple on Back

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 0 Yes (No)
   - Were custody seals on the outside of the cooler(s) signed & dated? Yes (No) NA
   - Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? (Yes) No NA
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM ______ Date ______ by ______ via Verbal Voice Mail Other

Concerning ______

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) ______ were received after the recommended holding time had expired.

Sample(s) ______ were received in a broken container.

Sample(s) ______ were received with bubble >6 mm in diameter. (Notify PM)

SOP: NC-SC-0005, Sample Receiving
C:\Users\livengoodc\AppData\Local\Microsoft\Windows\Temporary Internet Files\OLKD16\COOLER_TestAmerica_Rev 88_110712 rls.doc

16. SAMPLE PRESERVATION

Sample(s) ______________________________ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? ______________________

Client ID	pH	Date	Initials
S.W	<2	3.14.13	LS

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-21987-1

Login Number: 21987
List Number: 1
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 03/15/13 01:18 PM

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

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-21987-1

Login Number: 21987
List Number: 1
Creator: Tecson, Jeffrey

List Source: TestAmerica Sacramento
List Creation: 03/15/13 01:49 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	1.3
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	