



**ATTACHMENT B**  
**Backfill Material Analytical Data**

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## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

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Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-30262-1

Client Project/Site: Mojave River Pyrotechnics Removal

For:

Environmental Quality Management

6825 216th Street SW, Suite J

Brier, Washington 98036

Attn: Bryan Chernick



Authorized for release by:

11/28/2012 3:10:28 PM

Amy Harris

Project Manager I

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

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## Sample Summary

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-30262-1	Robertrons	Solid	11/19/12 10:30	11/20/12 08:30
440-30262-2	Brubaker-Mann	Solid	11/19/12 11:00	11/20/12 08:30
440-30262-3	Bert Rouk Quarry	Solid	11/19/12 11:30	11/20/12 08:30

# Client Sample Results

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

**Client Sample ID: Robertrons**

**Lab Sample ID: 440-30262-1**

**Date Collected: 11/19/12 10:30**

**Matrix: Solid**

**Date Received: 11/20/12 08:30**

## Method: 314.0 - Perchlorate (IC) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		0.040		mg/Kg			11/22/12 09:00	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Arsenic	4.3		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Barium	66		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Beryllium	ND		0.50		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Cadmium	ND		0.50		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Chromium	6.9		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Cobalt	3.1		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Copper	6.9		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Lead	4.0		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Molybdenum	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Nickel	5.0		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Selenium	2.9		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Thallium	ND		10		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Vanadium	20		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Zinc	18		5.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5
Silver	ND		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:30	5

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.020		mg/Kg		11/21/12 15:15	11/21/12 22:01	1

**Client Sample ID: Brubaker-Mann**

**Lab Sample ID: 440-30262-2**

**Date Collected: 11/19/12 11:00**

**Matrix: Solid**

**Date Received: 11/20/12 08:30**

## Method: 314.0 - Perchlorate (IC) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		0.040		mg/Kg			11/22/12 09:21	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Arsenic	270		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Barium	620		0.99		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Beryllium	ND		0.49		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Cadmium	ND		0.49		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Chromium	ND		0.99		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Cobalt	4.2		0.99		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Copper	41		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Lead	57		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Molybdenum	3.0		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Nickel	7.6		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Selenium	3.7		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Thallium	ND		9.9		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Vanadium	1.3		0.99		mg/Kg		11/21/12 08:40	11/21/12 19:31	5
Zinc	26		4.9		mg/Kg		11/21/12 08:40	11/21/12 19:31	5

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# Client Sample Results

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

## Client Sample ID: Brubaker-Mann

Lab Sample ID: 440-30262-2

Date Collected: 11/19/12 11:00

Matrix: Solid

Date Received: 11/20/12 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.99		mg/Kg		11/21/12 08:40	11/21/12 19:31	5

### Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.073		0.020		mg/Kg		11/21/12 15:15	11/21/12 22:04	1

## Client Sample ID: Bert Rouk Quarry

Lab Sample ID: 440-30262-3

Date Collected: 11/19/12 11:30

Matrix: Solid

Date Received: 11/20/12 08:30

### Method: 314.0 - Perchlorate (IC) - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		0.040		mg/Kg			11/22/12 09:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Arsenic	13		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Barium	350		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Beryllium	ND		0.50		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Cadmium	ND		0.50		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Chromium	19		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Cobalt	7.2		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Copper	17		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Lead	4.2		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Molybdenum	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Nickel	16		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Selenium	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Thallium	ND		10		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Vanadium	42		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Zinc	64		5.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5
Silver	ND		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:33	5

### Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.020		mg/Kg		11/21/12 15:15	11/21/12 22:06	1

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## Lab Chronicle

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

### Client Sample ID: Robertrons

Date Collected: 11/19/12 10:30

Date Received: 11/20/12 08:30

### Lab Sample ID: 440-30262-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.00 g	40 mL	68499	11/21/12 10:01	CH	TAL IRV
Soluble	Analysis	314.0		1	1 mL	1.0 mL	68490	11/22/12 09:00	TN	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	68492	11/21/12 08:40	DT	TAL IRV
Total/NA	Analysis	6010B		5			68726	11/21/12 19:30	DT	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	68547	11/21/12 15:15	MM	TAL IRV
Total/NA	Analysis	7471A		1			68734	11/21/12 22:01	DB	TAL IRV

### Client Sample ID: Brubaker-Mann

Date Collected: 11/19/12 11:00

Date Received: 11/20/12 08:30

### Lab Sample ID: 440-30262-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.00 g	40 mL	68499	11/21/12 10:01	CH	TAL IRV
Soluble	Analysis	314.0		1	1 mL	1.0 mL	68490	11/22/12 09:21	TN	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	68492	11/21/12 08:40	DT	TAL IRV
Total/NA	Analysis	6010B		5			68726	11/21/12 19:31	DT	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	68547	11/21/12 15:15	MM	TAL IRV
Total/NA	Analysis	7471A		1			68734	11/21/12 22:04	DB	TAL IRV

### Client Sample ID: Bert Rouk Quarry

Date Collected: 11/19/12 11:30

Date Received: 11/20/12 08:30

### Lab Sample ID: 440-30262-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.00 g	40 mL	68499	11/21/12 10:01	CH	TAL IRV
Soluble	Analysis	314.0		1	1 mL	1.0 mL	68490	11/22/12 09:42	TN	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	68492	11/21/12 08:40	DT	TAL IRV
Total/NA	Analysis	6010B		5			68726	11/21/12 19:33	DT	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	68547	11/21/12 15:15	MM	TAL IRV
Total/NA	Analysis	7471A		1			68734	11/21/12 22:06	DB	TAL IRV

#### Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# QC Sample Results

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

## Method: 314.0 - Perchlorate (IC)

Lab Sample ID: MRL 440-68490/2 MRL  
Matrix: Solid  
Analysis Batch: 68490

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Perchlorate	4.00	ND		ug/L		96	

Lab Sample ID: MB 440-68499/1-A  
Matrix: Solid  
Analysis Batch: 68490

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		0.0040		mg/Kg			11/22/12 06:52	1

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-68492/1-A ^5  
Matrix: Solid  
Analysis Batch: 68726

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 68492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Arsenic	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Barium	ND		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Beryllium	ND		0.50		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Cadmium	ND		0.50		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Chromium	ND		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Cobalt	ND		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Copper	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Lead	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Molybdenum	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Nickel	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Selenium	ND		2.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Thallium	ND		10		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Vanadium	ND		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Zinc	ND		5.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5
Silver	ND		1.0		mg/Kg		11/21/12 08:40	11/21/12 19:17	5

Lab Sample ID: LCS 440-68492/2-A ^5  
Matrix: Solid  
Analysis Batch: 68726

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 68492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	49.3	45.8		mg/Kg		93	80 - 120
Arsenic	49.3	45.0		mg/Kg		91	80 - 120
Barium	49.3	47.3		mg/Kg		96	80 - 120
Beryllium	49.3	47.7		mg/Kg		97	80 - 120
Cadmium	49.3	45.9		mg/Kg		93	80 - 120
Chromium	49.3	48.0		mg/Kg		98	80 - 120
Cobalt	49.3	45.7		mg/Kg		93	80 - 120
Copper	49.3	48.1		mg/Kg		98	80 - 120
Lead	49.3	45.8		mg/Kg		93	80 - 120
Molybdenum	49.3	47.9		mg/Kg		97	80 - 120

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## QC Sample Results

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

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

Lab Sample ID: LCS 440-68492/2-A ^5

Matrix: Solid

Analysis Batch: 68726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Nickel	49.3	47.1		mg/Kg		96	80 - 120	
Selenium	49.3	44.7		mg/Kg		91	80 - 120	
Thallium	49.3	45.3		mg/Kg		92	80 - 120	
Vanadium	49.3	48.0		mg/Kg		97	80 - 120	
Zinc	49.3	45.3		mg/Kg		92	80 - 120	
Silver	24.6	23.7		mg/Kg		96	80 - 120	

### Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-68547/1-A

Matrix: Solid

Analysis Batch: 68734

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		11/21/12 15:15	11/21/12 21:21	1

Lab Sample ID: LCS 440-68547/2-A

Matrix: Solid

Analysis Batch: 68734

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Mercury	0.800	0.741		mg/Kg		93	80 - 120	

# QC Association Summary

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

## HPLC/IC

### Analysis Batch: 68490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-30262-1	Robertrons	Soluble	Solid	314.0	68499
440-30262-2	Brubaker-Mann	Soluble	Solid	314.0	68499
440-30262-3	Bert Rouk Quarry	Soluble	Solid	314.0	68499
MB 440-68499/1-A	Method Blank	Soluble	Solid	314.0	68499
MRL 440-68490/2 MRL	Lab Control Sample	Total/NA	Solid	314.0	

### Leach Batch: 68499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-30262-1	Robertrons	Soluble	Solid	DI Leach	
440-30262-2	Brubaker-Mann	Soluble	Solid	DI Leach	
440-30262-3	Bert Rouk Quarry	Soluble	Solid	DI Leach	
MB 440-68499/1-A	Method Blank	Soluble	Solid	DI Leach	

## Metals

### Prep Batch: 68492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-30262-1	Robertrons	Total/NA	Solid	3050B	
440-30262-2	Brubaker-Mann	Total/NA	Solid	3050B	
440-30262-3	Bert Rouk Quarry	Total/NA	Solid	3050B	
LCS 440-68492/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-68492/1-A ^5	Method Blank	Total/NA	Solid	3050B	

### Prep Batch: 68547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-30262-1	Robertrons	Total/NA	Solid	7471A	
440-30262-2	Brubaker-Mann	Total/NA	Solid	7471A	
440-30262-3	Bert Rouk Quarry	Total/NA	Solid	7471A	
LCS 440-68547/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-68547/1-A	Method Blank	Total/NA	Solid	7471A	

### Analysis Batch: 68726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-30262-1	Robertrons	Total/NA	Solid	6010B	68492
440-30262-2	Brubaker-Mann	Total/NA	Solid	6010B	68492
440-30262-3	Bert Rouk Quarry	Total/NA	Solid	6010B	68492
LCS 440-68492/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	68492
MB 440-68492/1-A ^5	Method Blank	Total/NA	Solid	6010B	68492

### Analysis Batch: 68734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-30262-1	Robertrons	Total/NA	Solid	7471A	68547
440-30262-2	Brubaker-Mann	Total/NA	Solid	7471A	68547
440-30262-3	Bert Rouk Quarry	Total/NA	Solid	7471A	68547
LCS 440-68547/2-A	Lab Control Sample	Total/NA	Solid	7471A	68547
MB 440-68547/1-A	Method Blank	Total/NA	Solid	7471A	68547

## Definitions/Glossary

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

### 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, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Certification Summary

Client: Environmental Quality Management  
Project/Site: Mojave River Pyrotechnics Removal

TestAmerica Job ID: 440-30262-1

### Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-13



## Login Sample Receipt Checklist

Client: Environmental Quality Management

Job Number: 440-30262-1

Login Number: 30262

List Source: TestAmerica Irvine

List Number: 1

Creator: Escalante, Maria

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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?	False	NOT ON COC
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	