



ANALYTICAL REPORT

For:

OMI - Farmington - Animas River - Post plume

ASL Report #: P2836

Project ID: 402544.A6.16.00.00

Attn: Monica Peterson/FAR

cc:

Ron Rosen/FAR

Authorized and Released By:

Laboratory Project Manager

Doug Hardy

(541) 758-0235 ext.23107

August 17, 2015

All analyses performed by CH2M HILL are clearly indicated. Any subcontracted analyses are included as appended reports as received from the subcontracted laboratory. The results included in this report only relate to the samples listed on the following Sample Cross-Reference page. This report shall not be reproduced except in full, without the written approval of the laboratory.

Any unusual difficulties encountered during the analysis of your samples are discussed in the attached case narratives.



Accredited in accordance with NELAP:
Oregon (100022)
Louisiana (05031)

ASL Report #: P2836

Sample Receipt Comments

We certify that the test results meet all NELAP requirements except those listed below:

- Samples were received at a temperature of 9.8°C.

Sample Cross-Reference

ASL Sample ID	Client Sample ID	Date/Time Collected	Date Received
P283601	APS#2 - 20150813-1	08/13/15 12:07	08/14/15
P283602	APS#2 - 20150813-2	08/13/15 12:13	08/14/15
P283603	APS#2 - 20150813-3	08/13/15 12:08	08/14/15

CASE NARRATIVE METALS ANALYSIS

Lab Name: CH2M HILL ASL

ASL SDG#: P2836

Project: OMI - Farmington

Project #: 402544.A6.16.00.00

With the exceptions noted as flags, footnotes, or detailed in the section below; standard operating procedures were followed in the analysis of the samples and no problems were encountered or anomalies observed.

All laboratory quality control samples were within established control limits, with any exceptions noted below, or in the associated QC summary forms.

Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. For diluted samples, the reporting limits are adjusted for the dilution required.

Calculations are performed before rounding to minimize errors in calculated values.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the section below, or in the sample receipt documentation.

Method(s):

E200.7: E200.2, FLDFLT

E200.8: E200.2, FLDFLT

E245.1

Analytical Exception(s):

E200.7:

Total: Matrix spike/matrix spike duplicate recoveries for aluminum (154/156%) exceeded acceptance criteria (70-130%).

Dissolved: The matrix spike recovery for calcium and the matrix spike duplicate recovery for sodium were outside acceptance criteria because the analyte concentrations in the sample were significantly higher than the added spike concentrations.

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information				Lab Information			
Client Sample ID: APS#2 - 20150813-1				Lab Sample ID: P283601			
Project Name: OMI - Farmington				Date Received: 08/14/15			
Sample Date: 08/13/15				Report Revision No: 0			
Sample Time: 12:07							
Type: Grab							
Matrix: Water							

Analyte	Dilution Factor	DL	RL	Result	Qual	Units	Analysis Method	Prep Method	Date Analyzed
Metals									
Aluminum	1	20.0	100	388		ug/L	E200.7	E200.2	08/14/15
Antimony	1	0.031	0.50	0.62		ug/L	E200.8	E200.2	08/14/15
Arsenic	1	0.030	0.50	0.94		ug/L	E200.8	E200.2	08/14/15
Barium	1	0.25	2.00	66.3		ug/L	E200.8	E200.2	08/14/15
Beryllium	1	0.50	4.00	4.00	U	ug/L	E200.7	E200.2	08/14/15
Cadmium	1	0.030	0.50	0.094	J	ug/L	E200.8	E200.2	08/14/15
Calcium	1	200	500	68200		ug/L	E200.7	E200.2	08/14/15
Chromium	1	0.10	1.00	0.27	J	ug/L	E200.8	E200.2	08/14/15
Cobalt	1	0.025	0.50	0.45	J	ug/L	E200.8	E200.2	08/14/15
Copper	1	0.50	2.00	3.14		ug/L	E200.8	E200.2	08/14/15
Iron	1	10.0	100	808		ug/L	E200.7	E200.2	08/14/15
Lead	1	0.041	0.50	8.77		ug/L	E200.8	E200.2	08/14/15
Magnesium	1	50.0	500	9940		ug/L	E200.7	E200.2	08/14/15
Manganese	1	0.50	10.0	92.6		ug/L	E200.7	E200.2	08/14/15
Mercury	1	0.045	0.10	0.10	U	ug/L	E245.1	METHOD	08/14/15
Molybdenum	1	0.050	1.00	1.44		ug/L	E200.8	E200.2	08/14/15
Nickel	1	0.025	0.50	1.58		ug/L	E200.8	E200.2	08/14/15
Potassium	1	100	1000	2220		ug/L	E200.7	E200.2	08/14/15
Selenium	1	0.069	0.50	0.61		ug/L	E200.8	E200.2	08/14/15
Silver	1	0.025	0.50	0.063	J	ug/L	E200.8	E200.2	08/14/15
Sodium	1	250	1000	20300		ug/L	E200.7	E200.2	08/14/15
Thallium	1	0.025	0.20	0.042	J	ug/L	E200.8	E200.2	08/14/15
Vanadium	1	0.025	0.50	1.04		ug/L	E200.8	E200.2	08/14/15
Zinc	1	2.50	20.0	36.4		ug/L	E200.7	E200.2	08/14/15

U=Not detected at specified reporting limit
 J=Estimated value below reporting limit
 E=Estimated value above calibration range
 *=See case narrative

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information				Lab Information			
Client Sample ID: APS#2 - 20150813-2				Lab Sample ID: P283602F			
Project Name: OMI - Farmington				Date Received: 08/14/15			
Sample Date: 08/13/15				Report Revision No: 0			
Sample Time: 12:13							
Type: Grab							
Matrix: Water							

Analyte	Dilution Factor	DL	RL	Result	Qual	Units	Analysis Method	Prep Method	Date Analyzed
Dissolved Metals									
Aluminum	1	20.0	100	33.0	J	ug/L	E200.7	FLDFLT	08/14/15
Antimony	1	0.031	0.50	0.32	J	ug/L	E200.8	FLDFLT	08/14/15
Arsenic	1	0.030	0.50	0.45	J	ug/L	E200.8	FLDFLT	08/14/15
Barium	1	0.25	2.00	66.3		ug/L	E200.8	FLDFLT	08/14/15
Beryllium	1	0.50	4.00	4.00	U	ug/L	E200.7	FLDFLT	08/14/15
Cadmium	1	0.030	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Calcium	1	200	500	61600		ug/L	E200.7	FLDFLT	08/14/15
Chromium	1	0.10	1.00	1.00	U	ug/L	E200.8	FLDFLT	08/14/15
Cobalt	1	0.025	0.50	0.13	J	ug/L	E200.8	FLDFLT	08/14/15
Copper	1	0.50	2.00	0.63	J	ug/L	E200.8	FLDFLT	08/14/15
Iron	1	10.0	100	30.9	J	ug/L	E200.7	FLDFLT	08/14/15
Lead	1	0.041	0.50	0.32	J	ug/L	E200.8	FLDFLT	08/14/15
Magnesium	1	50.0	500	8910		ug/L	E200.7	FLDFLT	08/14/15
Manganese	1	0.50	10.0	23.5		ug/L	E200.7	FLDFLT	08/14/15
Mercury	1	0.045	0.10	0.10	U	ug/L	E245.1	FLDFLT	08/14/15
Molybdenum	1	0.050	1.00	1.31		ug/L	E200.8	FLDFLT	08/14/15
Nickel	1	0.025	0.50	1.13		ug/L	E200.8	FLDFLT	08/14/15
Potassium	1	100	1000	2010		ug/L	E200.7	FLDFLT	08/14/15
Selenium	1	0.069	0.50	0.53		ug/L	E200.8	FLDFLT	08/14/15
Silver	1	0.025	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Sodium	1	250	1000	17500		ug/L	E200.7	FLDFLT	08/14/15
Thallium	1	0.025	0.20	0.20	U	ug/L	E200.8	FLDFLT	08/14/15
Vanadium	1	0.025	0.50	0.28	J	ug/L	E200.8	FLDFLT	08/14/15
Zinc	1	2.50	20.0	12.5	J	ug/L	E200.7	FLDFLT	08/14/15

U=Not detected at specified reporting limit
 J=Estimated value below reporting limit
 E=Estimated value above calibration range
 *=See case narrative

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information	Lab Information
Project Name: OMI - Farmington	Method Blank ID: WB1-0814
Sample Date: N/A	Date Received: N/A
Sample Time: N/A	Report Revision No: 0
Type: QC	
Matrix: Water	

Analyte	Dilution Factor	DL	RL	Result	Qual	Units	Analysis Method	Prep Method	Date Analyzed
Metals									
Aluminum	1	20.0	100	100	U	ug/L	E200.7	E200.2	08/14/15
Antimony	1	0.031	0.50	0.16	J	ug/L	E200.8	E200.2	08/14/15
Arsenic	1	0.030	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Barium	1	0.25	2.00	2.00	U	ug/L	E200.8	E200.2	08/14/15
Beryllium	1	0.50	4.00	4.00	U	ug/L	E200.7	E200.2	08/14/15
Cadmium	1	0.030	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Calcium	1	200	500	500	U	ug/L	E200.7	E200.2	08/14/15
Chromium	1	0.10	1.00	1.00	U	ug/L	E200.8	E200.2	08/14/15
Cobalt	1	0.025	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Copper	1	0.50	2.00	2.00	U	ug/L	E200.8	E200.2	08/14/15
Iron	1	10.0	100	100	U	ug/L	E200.7	E200.2	08/14/15
Lead	1	0.041	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Magnesium	1	50.0	500	500	U	ug/L	E200.7	E200.2	08/14/15
Manganese	1	0.50	10.0	10.0	U	ug/L	E200.7	E200.2	08/14/15
Mercury	1	0.045	0.10	0.10	U	ug/L	E245.1	METHOD	08/14/15
Molybdenum	1	0.050	1.00	1.00	U	ug/L	E200.8	E200.2	08/14/15
Nickel	1	0.025	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Potassium	1	100	1000	1000	U	ug/L	E200.7	E200.2	08/14/15
Selenium	1	0.069	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Silver	1	0.025	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Sodium	1	250	1000	1000	U	ug/L	E200.7	E200.2	08/14/15
Thallium	1	0.025	0.20	0.20	U	ug/L	E200.8	E200.2	08/14/15
Vanadium	1	0.025	0.50	0.50	U	ug/L	E200.8	E200.2	08/14/15
Zinc	1	2.50	20.0	20.0	U	ug/L	E200.7	E200.2	08/14/15

U=Not detected at specified reporting limit
 J=Estimated value below reporting limit
 E=Estimated value above calibration range
 *=See case narrative

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information		Lab Information	
Project Name: OMI - Farmington		Method Blank ID: WB11-0814	
Sample Date: N/A		Date Received: N/A	
Sample Time: N/A		Report Revision No: 0	
Type: QC			
Matrix: Water			

Analyte	Dilution Factor	DL	RL	Result	Qual	Units	Analysis Method	Prep Method	Date Analyzed
Dissolved Metals									
Antimony	1	0.031	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Arsenic	1	0.030	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Barium	1	0.25	2.00	2.00	U	ug/L	E200.8	FLDFLT	08/14/15
Cadmium	1	0.030	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Chromium	1	0.10	1.00	1.00	U	ug/L	E200.8	FLDFLT	08/14/15
Cobalt	1	0.025	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Copper	1	0.50	2.00	2.00	U	ug/L	E200.8	FLDFLT	08/14/15
Lead	1	0.041	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Molybdenum	1	0.050	1.00	1.00	U	ug/L	E200.8	FLDFLT	08/14/15
Nickel	1	0.025	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Selenium	1	0.069	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Silver	1	0.025	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15
Thallium	1	0.025	0.20	0.20	U	ug/L	E200.8	FLDFLT	08/14/15
Vanadium	1	0.025	0.50	0.50	U	ug/L	E200.8	FLDFLT	08/14/15

U=Not detected at specified reporting limit
 J=Estimated value below reporting limit
 E=Estimated value above calibration range
 *=See case narrative

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information			Lab Information		
Project Name: OMI - Farmington			Blank Spike ID: BS11W0814		
Type: QC			Report Revision No: 0		
Matrix: Water			Dilution Factor: 1		

Analyte	Spike Amount	Result	Units	%Recovery	Analysis Method	Prep Method	Date Analyzed
Metals							
Antimony	20.0	20.2	ug/L	101	E200.8	FLDFLT	08/14/15
Arsenic	20.0	20.5	ug/L	102	E200.8	FLDFLT	08/14/15
Barium	20.0	20.1	ug/L	101	E200.8	FLDFLT	08/14/15
Cadmium	20.0	20.3	ug/L	101	E200.8	FLDFLT	08/14/15
Chromium	20.0	20.1	ug/L	100	E200.8	FLDFLT	08/14/15
Cobalt	20.0	20.1	ug/L	100	E200.8	FLDFLT	08/14/15
Copper	20.0	20.0	ug/L	100	E200.8	FLDFLT	08/14/15
Lead	20.0	20.0	ug/L	100	E200.8	FLDFLT	08/14/15
Molybdenum	20.0	20.2	ug/L	101	E200.8	FLDFLT	08/14/15
Nickel	20.0	20.1	ug/L	100	E200.8	FLDFLT	08/14/15
Selenium	20.0	20.7	ug/L	104	E200.8	FLDFLT	08/14/15
Silver	10.0	9.99	ug/L	100	E200.8	FLDFLT	08/14/15
Thallium	20.0	20.1	ug/L	100	E200.8	FLDFLT	08/14/15
Vanadium	20.0	20.1	ug/L	100	E200.8	FLDFLT	08/14/15

*=See case narrative
 U=Not detected at specified reporting limit
 E=Estimated value above calibration range
 J=Estimated value below reporting limit

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information				Lab Information			
Project Name: OMI - Farmington				Blank Spike ID: BS1W0814			
Type: QC				Report Revision No: 0			
Matrix: Water				Dilution Factor: 1			

Analyte	Spike Amount	Result	Units	%Recovery	Analysis Method	Prep Method	Date Analyzed
Metals							
Aluminum	500	476	ug/L	95	E200.7	E200.2	08/14/15
Antimony	50.0	45.2	ug/L	90	E200.8	E200.2	08/14/15
Arsenic	50.0	48.2	ug/L	96	E200.8	E200.2	08/14/15
Barium	50.0	47.8	ug/L	96	E200.8	E200.2	08/14/15
Beryllium	500	492	ug/L	98	E200.7	E200.2	08/14/15
Cadmium	50.0	48.5	ug/L	97	E200.8	E200.2	08/14/15
Calcium	10000	10500	ug/L	105	E200.7	E200.2	08/14/15
Chromium	50.0	48.2	ug/L	96	E200.8	E200.2	08/14/15
Cobalt	50.0	48.1	ug/L	96	E200.8	E200.2	08/14/15
Copper	50.0	46.3	ug/L	93	E200.8	E200.2	08/14/15
Iron	500	536	ug/L	107	E200.7	E200.2	08/14/15
Lead	50.0	47.3	ug/L	95	E200.8	E200.2	08/14/15
Magnesium	10000	10200	ug/L	102	E200.7	E200.2	08/14/15
Manganese	500	486	ug/L	97	E200.7	E200.2	08/14/15
Mercury	1.00	0.92	ug/L	92	E245.1	METHOD	08/14/15
Molybdenum	50.0	45.8	ug/L	92	E200.8	E200.2	08/14/15
Nickel	50.0	47.8	ug/L	96	E200.8	E200.2	08/14/15
Potassium	5000	4840	ug/L	97	E200.7	E200.2	08/14/15
Selenium	50.0	48.5	ug/L	97	E200.8	E200.2	08/14/15
Silver	25.0	22.0	ug/L	88	E200.8	E200.2	08/14/15
Sodium	10000	9760	ug/L	98	E200.7	E200.2	08/14/15
Thallium	50.0	48.7	ug/L	97	E200.8	E200.2	08/14/15
Vanadium	50.0	48.3	ug/L	97	E200.8	E200.2	08/14/15
Zinc	500	515	ug/L	103	E200.7	E200.2	08/14/15

*=See case narrative

U=Not detected at specified reporting limit

E=Estimated value above calibration range

J=Estimated value below reporting limit

CASE NARRATIVE GENERAL CHEMISTRY ANALYSIS

Lab Name: CH2M HILL ASL

ASL SDG#: P2836

Project: OMI - Farmington

Project #: 402544.A6.16.00.00

With the exceptions noted as flags, footnotes, or detailed in the section below; standard operating procedures were followed in the analysis of the samples and no problems were encountered or anomalies observed.

All laboratory quality control samples were within established control limits, with any exceptions noted below, or in the associated QC summary forms.

Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. For diluted samples, the reporting limits are adjusted for the dilution required.

Calculations are performed before rounding to minimize errors in calculated values.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the section below, or in the sample receipt documentation.

Method(s):

E335.4

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information				Lab Information			
Project Name: OMI - Farmington				Lab Batch ID: P2836			
Date Received: 08/14/15				Analysis Method: E335.4			
Type: See C.O.C.				Units: mg/L			
Matrix: Water				Report Revision No.: 0			

Client Sample ID	Lab Sample ID	Dilution Factor	DL	Cyanide, Total RL	Result	Qualifier	Date Analyzed
General Chemistry							
APS#2 - 20150813-3	P283603	1	0.0015	0.0050	0.0050	U	08/17/15
WB1-081415	WB1-081415	1	0.0015	0.0050	0.0050	U	08/17/15

U=Not detected at specified reporting limit
 J=Estimated value below reporting limit
 E=Estimated value above calibration range
 *=See case narrative

CH2M HILL Applied Sciences Laboratory (ASL)

Client Information				Lab Information			
Project Name: OMI - Farmington				Lab Batch ID: P2836			
Type: QC				Report Revision No.: 0			
Matrix: Water							

LCS ID	Analyte	Spike Amount	Sample Result	Units	% Recovery	Analysis Method	Date Analyzed
General Chemistry							
BS1W0814	Cyanide, Total	0.10	0.095	mg/L	95	E335.4	08/17/15

*=See case narrative

U=Not detected at specified reporting limit

E=Estimated value above calibration range

J=Estimated value below reporting limit

Chain of Custody Record

Client Contact	Analysis Turnaround Time	Preservation Used								For Lab Use Only:				
Project Name: Animas River - Post plume	TAT is Calander days TAT if different from below _____ <input type="checkbox"/> 21 days (STD) <input type="checkbox"/> 14 days * <input type="checkbox"/> 3 day * <input type="checkbox"/> 7 days * <input type="checkbox"/> 2 days * <input type="checkbox"/> 5 days * <input checked="" type="checkbox"/> 1 day * * (Surcharges will apply)	1, 4	1, 4	1, 5							SDG: <u>D2836</u>	Custody Seals intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Hand delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cooler Temp <u>9.8°C</u> Therm ID No. <u>173</u> Therm Exp. <u>10/15</u> Packing Material: Circle Below <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> Box <input type="checkbox"/> Bubble Wrap Radiological Screen? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Project # or PO #: 402544		Analysis Requested												
Company Name: CH2M - Farmington		Total Metals: Al, Be, Ca, Fe, Mg, Mn, K, Na, Zn, Sb, As, Ba, Cd, Cr, Co, Pb, Mo, Ni, Se, Ag, Ti, Va, Hg, Cu Dissolved: Al, Be, Ca, Fe, Mg, Mn, K, Na, Zn, Sb, As, Ba, Cd, Cr, Co, Pb, Mo, Ni, Se, Ag, Ti, Va, Hg, Cu CN												
Address: 615 S. Carlton Ave.														
City/State/Zip: Farmington, NM 87401														
Project Manager: Monica Peterson														
Phone #: 505-325-6953 - 505-793-0040														
Report to email: Monica.Peterson@ch2m.com														
Sample Identification (Limit of 20 characters)	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (Water, Soil, Air)	Total # of Cont.							Sample Specific Notes:	Lab ID:	
APS#2, Upstream Boat Access - 20150813-1	8/13/2015	1207	G	Water	1	X								
APS#2, Upstream Boat Access - 20150813-2	8/13/15	1213	G	Water	1		X						FILTERED	
APS#2, Upstream Boat Access - 20150813-3	8/13/15	1208	G	Water	1			X						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____														
Possible Hazard Identification: Are samples hazardous? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, select hazard(s): <input type="checkbox"/> Listed <input type="checkbox"/> Ignitable <input type="checkbox"/> Corrosive <input type="checkbox"/> Reactive <input type="checkbox"/> Toxic If YES or NO is not checked above, samples will be assumed hazardous and hazardous disposal fees will be applied.						Sample Disposal (A fee may be added if samples are retained longer than 30 day per client request, samples are returned to client, or classified as hazardous.) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for 1 months								
Sampled By: <u>Marsha Englehart</u>			Date/Time: <u>8-13-15 @ 1213</u>			Relinquished by: <u>Marsha Englehart</u>			Date/Time: <u>8-13-15 @ 1600</u>					
Received by: _____			Date/Time: _____			Relinquished by: _____			Date/Time: _____					
Received in Laboratory by: <u>Pierluigi Castro</u>			Date/Time: <u>8/14/15 1010</u>			Shipped Via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Fed-Ex <input type="checkbox"/> USPS <input type="checkbox"/> Other			Tracking #: <u>7811 5017 5630</u>					
Special Instructions/QC Requirements														



SDG ID: P2836

Date Received: 8/14/2015

Client/Project: OMI - Farmington

Received By: PC

Were custody seals intact and on the outside of the cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Shipping Record:	<input type="checkbox"/> Hand Delivered	<input checked="" type="checkbox"/> On File	<input type="checkbox"/> COC
Radiological Screening for DoD	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Packing Material:	<input type="checkbox"/> Hand Delivered	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice <input type="checkbox"/> Box
Temp OK? (<6C) Therm ID: TH173 Exp. 10/15	9.8°C	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Was a Chain of Custody (CoC) Provided?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Was the CoC correctly filled out (If No, document below)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did sample labels agree with COC? (If No, document below)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did the CoC list a correct bottle count and the preservative types (No=Correct on CoC)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Were the sample containers in good condition (broken or leaking)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Was enough sample volume provided for analysis? (If No, document below)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Containers supplied by ASL?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Any sample with < 1/2 holding time remaining? If so contact LPM	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Samples have multi-phase? If yes, document on SRER	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
All water VOCs free of air bubbles? No, document on SRER	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
pH of all samples met criteria on receipt? If "No", preserve and document below.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Dissolved/Soluble metals filtered in the field?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Dissolved/Soluble metals have sediment in bottom of container? If so document below.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Preservation Adjustment

Sample ID	Reagent	Reagent Lot Number	Volume Added	Initials/Time	24 hour pH check Initials/Time

Did pH of all metals samples preserved upon receipt meet criteria 24 hours after preservation? Yes No

Sample Exception Report (The following exceptions were noted)

Temperature exceedance upon receipt.
Client was notified on: 08/14/2015 Client contact: Monica Peterson/FAR
Resolution to Exception: Continue to analyze samples as per client.