



June 04, 2015

ALS1505498

Ft. Collins, Colorado

LIMS Version: 6.763

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Monday, June 01, 2015

Karen Waters-Husted
CH2M HILL Plateau Remediation Company
2420 Stevens Center
Richland, WA 99352

Re: ALS Workorder: 1505498
Project Name: 100-KR-4, MAY 2015
Project Number: 115-024

Dear Ms. Waters-Husted:

Two water samples were received from CH2M HILL Plateau Remediation Company, on 5/28/2015. The samples were scheduled for the following analysis:

Metals

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Julie Ellingson
Project Manager

ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
Alaska (AK)	UST-086
Alaska (AK)	CO01099
Arizona (AZ)	AZ0742
California (CA)	06251CA
Colorado (CO)	CO01099
Connecticut (CT)	PH-0232
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
L-A-B (DoD ELAP/ISO 170250)	L2257
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO000782008A
New Jersey (NJ)	CO003
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280

ALS Environmental -- FC

Sample Number(s) Cross-Reference Table

OrderNum: 1505498

Client Name: CH2M HILL Plateau Remediation Company

Client Project Name: 100-KR-4, MAY 2015

Client Project Number: I15-024

Client PO Number: BOA 54854

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
B30WM4	1505498-1		WATER	27-May-15	8:33
B30WN2	1505498-2		WATER	27-May-15	8:33

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CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C.#

I15-024-001

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Collector: **D.J. Woehle/CHPRC** Contact/Requester: **Karen Waters-Husted** Telephone No. **509-376-4650**
 SAF No. **I15-024** Sampling Origin: **Hanford Site** Purchase Order/Charge Code: **300071**
 Project Title: **100-KR-4, MAY 2015** Logbook No. **HNF-N-506 71-87** Ice Chest No. **G25-383**
 Shipped To (Lab): **ALS Environmental Ft. Collins** Method of Shipment: **Commercial Carrier** Bill of Lading/Air Bill No. **773693865258**
 Protocol: **CERCLA** Priority: **30 Days** SPECIAL INSTRUCTIONS: **PRIORITY** Offsite Property No. **5672**

POSSIBLE SAMPLE HAZARDS/REMARKS
 ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

Sample No.	Filter	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B30WM4	N	MAY 27 2015	0833	1x500-mL GIP	6010_METALS_ICP: COMMON; 6010_METALS_ICP: GW 03	6 Months	HNO3 to pH <2
B30WN2	Y	MAY 27 2015	0833	1x500-mL GIP	6010_METALS_ICP: COMMON; 6010_METALS_ICP: GW 03	6 Months	HNO3 to pH <2

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	Matrix *
D.J. Woehle/CHPRC			MAY 27 2015 0930	CHRIS FULTON CHPRC			MAY 27 2015 0930	S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air
CHRIS FULTON CHPRC			MAY 27 2015 1400	FEDEX				DS - Drum Solids DL - Drum Liquids T - Tissue WI - Wipe L - Liquid V - Vegetation X - Other
FED EX				E Peterson			MAY 28 2015 1000	
4 of 5								

Disposal Method (e.g., Return to customer, per lab procedure, used in process)

Date/Time



ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: CHPRC

Workorder No: 1505498

Project Manager: JME

Initials: ECP

Date: 5/28/15

1. Does this project require any special handling in addition to standard ALS procedures?		YES	<input checked="" type="radio"/> NO
2. Are custody seals on shipping containers intact?	NONE	<input checked="" type="radio"/> YES	NO
3. Are Custody seals on sample containers intact?	NONE	<input checked="" type="radio"/> YES	NO
4. Is there a COC (Chain-of-Custody) present or other representative documents?		<input checked="" type="radio"/> YES	NO
5. Are the COC and bottle labels complete and legible?		<input checked="" type="radio"/> YES	NO
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		<input checked="" type="radio"/> YES	NO
7. Were airbills / shipping documents present and/or removable?	DROP OFF	<input checked="" type="radio"/> YES	NO
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	N/A	<input checked="" type="radio"/> YES	NO
9. Are all aqueous non-preserved samples pH 4-9?	<input checked="" type="radio"/> N/A	YES	NO
10. Is there sufficient sample for the requested analyses?		<input checked="" type="radio"/> YES	NO
11. Were all samples placed in the proper containers for the requested analyses?		<input checked="" type="radio"/> YES	NO
12. Are all samples within holding times for the requested analyses?		<input checked="" type="radio"/> YES	NO
13. Were all sample containers received intact? (not broken or leaking, etc.)		<input checked="" type="radio"/> YES	NO
14. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free? Size of bubble: ___ < green pea ___ > green pea	<input checked="" type="radio"/> N/A	YES	NO
15. Do any water samples contain sediment? Amount of sediment: ___ dusting ___ moderate ___ heavy	Amount N/A	YES	<input checked="" type="radio"/> NO
16. Were the samples shipped on ice?		<input checked="" type="radio"/> YES	<input checked="" type="radio"/> NO
17. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #2 #4	RAD ONLY	YES	<input checked="" type="radio"/> NO
Cooler #: <u>1</u>			
Temperature (°C): <u>AMB</u>			
No. of custody seals on cooler: <u>2</u>			
External µR/hr reading: <u>11</u>			
Background µR/hr reading: <u>12</u>			
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? <input checked="" type="radio"/> YES / NO / NA (If no, see Form 008.)			

Additional Information: PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: [Signature] 5/28/15

1505498

11
-2

From: (509) 373-3547
chris.fulton
CH2M
6267 latak st
richland, WA 99354

Origin ID: PSCA



Ship Date: 27MAY15
ActWgt: 7.0 LB
CAD: 107066051/NET3610

Delivery Address Bar Code



SHIP TO: (970) 490-1511
Julie Ellingson

BILL THIRD PARTY

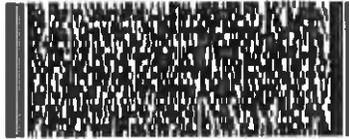
Ref #
Invoice #
PO #
Dept #

225 Commerce Drive
FORT COLLINS, CO 80524

THU - 28 MAY 10:30A
PRIORITY OVERNIGHT
DSR
80524
CO-US
DEN

TRKP 7738 9388 5258
E2E1

XH FTCA



537.DK31AEE-48

After printing this label:

- 1 Use the "Print" button on this page to print your label to your laser or inkjet printer
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Metals

Case Narrative

CH2M HILL Plateau Remediation Company

100-KR-4, MAY 2015 – I15-024

Work Order Number: 1505498

1. This report consists of 2 water samples for total recoverable or dissolved metals.
2. The samples were received intact at ambient temperature by ALS on 05/28/15.
3. The sample for dissolved metals had been filtered prior to receipt. Both samples had a pH less than 2 upon receipt.
4. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

For analysis by Trace ICP, the samples were digested following method 3005A and the current revision of SOP 806.

5. Analysis by Trace ICP followed method 6010B and the current revision of SOP 834.
6. All standards and solutions are NIST traceable and were used within their recommended shelf life.
7. The samples were prepared and analyzed within the established hold time.

All in house quality control procedures were followed, as described below.

8. General quality control procedures.
 - A preparation (method) blank and laboratory control sample were digested and analyzed with the samples in this digestion batch.
 - The preparation (method) blank associated with this digestion batch was below the reporting limit for the requested analytes. Barium, strontium, and zinc have results above the MDL. Sample results have been compared to the blank results.
 - All laboratory control sample criteria were met.



- All initial and continuing calibration blanks were below the reporting limit for the requested analytes.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes.
- The interference check samples and high standard readbacks associated with Method 6010B were within acceptance criteria.

9. Matrix specific quality control procedures.

Sample 1505498-1 was designated as the quality control sample for this analysis.

Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

- A matrix spike and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for accuracy were met.
- A sample duplicate and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for precision were met.
- A serial dilution was analyzed with this ICP batch. All acceptance criteria were met.

10. Sample dilutions were not required for the requested analysis.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.



Jill Latelle
Inorganics Primary Data Reviewer

5/31/15
Date



Julie Ellinger
Inorganics Final Data Reviewer

5/31/15
Date



Inorganic Data Reporting Qualifiers

The following qualifiers are used as needed by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A "B" is entered if the reported value was obtained from a reading that was less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a "U" is entered. For samples, negative values are reported as non-detects ("U" flagged). For blanks, if the absolute value of the negative value is above the MDL and below the reporting limit, then the result is "B" flagged.
- QC qualifier -- Specified entries and their meanings are as follows:
 - E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.
 - M - Duplicate injection precision was not met.
 - N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.
 - Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.
 - * - Duplicate analysis (relative percent difference) not within control limits.
 - S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.
 - C - The analyte was detected in both the sample and the associated QC blank, and the sample concentration was $\leq 5X$ the blank concentration.
 - D - Analyte was reported at a secondary dilution factor, typically $DF > 1$ (i.e., the primary preparation required dilution to either bring the analyte within the calibration range or to minimize interference). Required for organics/wetchem if the sample was diluted.

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Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: ALS Environmental -- FC

Work Order Number: 1505498

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4, MAY 2015 I15-024

Field ID:	B30WM4
Lab ID:	1505498-1

Sample Matrix: WATER
 % Moisture: N/A
 Date Collected: 27-May-15
 Date Extracted: 29-May-15
 Date Analyzed: 30-May-15
 Prep Method: SW3005 Rev A

Prep Batch: IP150529-21
 QCBatchID: IP150529-21-4
 Run ID: IT150530-1A6
 Cleanup: NONE
 Basis: As Received
 File Name: 150530A.

Analyst: Steve Workman
 Sample Aliquot: 50 ml
 Final Volume: 50 ml
 Result Units: UG/L
 Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-36-0	ANTIMONY	1	5.4	20	5.4	U	
7440-38-2	ARSENIC	1	5.4	10	5.4	U	
7440-39-3	BARIUM	1	28	20	0.96		
7440-41-7	BERYLLIUM	1	0.49	4	0.49	U	
7440-43-9	CADMIUM	1	0.75	5	0.75	U	
7440-70-2	CALCIUM	1	50000	1000	18		
7440-47-3	CHROMIUM	1	22	10	1.3		
7440-48-4	COBALT	1	1.2	10	1.2	U	
7440-50-8	COPPER	1	3.3	8	1.8	B	
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	12000	750	22		
7439-96-5	MANGANESE	1	0.91	5	0.91	U	
7440-02-0	NICKEL	1	2.9	20	2.9	U	
7440-09-7	POTASSIUM	1	4900	1000	190		
7440-22-4	SILVER	1	1.6	10	1.6	U	
7440-23-5	SODIUM	1	11000	500	49		
7440-24-6	STRONTIUM	1	230	10	1.8		
7440-62-2	VANADIUM	1	9.5	10	1.2	B	
7440-66-6	ZINC	1	2.7	20	2.7	U	

Data Package ID: it1505498-1

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Dissolved ICP Metals

Method SW6010B

Sample Results

Lab Name: ALS Environmental -- FC

Work Order Number: 1505498

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4, MAY 2015 I15-024

Field ID:	B30WN2
Lab ID:	1505498-2

Sample Matrix: WATER
 % Moisture: N/A
 Date Collected: 27-May-15
 Date Extracted: 29-May-15
 Date Analyzed: 30-May-15
 Prep Method: SW3005 Rev A

Prep Batch: IP150529-21
 QCBatchID: IP150529-21-4
 Run ID: IT150530-1A6
 Cleanup: NONE
 Basis: As Received
 File Name: 150530A.

Analyst: Steve Workman
 Sample Aliquot: 50 ml
 Final Volume: 50 ml
 Result Units: UG/L
 Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-36-0	ANTIMONY	1	5.4	20	5.4	U	
7440-38-2	ARSENIC	1	5.4	10	5.4	U	
7440-39-3	BARIUM	1	29	20	0.96		
7440-41-7	BERYLLIUM	1	0.49	4	0.49	U	
7440-43-9	CADMIUM	1	0.75	5	0.75	U	
7440-70-2	CALCIUM	1	51000	1000	18		
7440-47-3	CHROMIUM	1	22	10	1.3		
7440-48-4	COBALT	1	1.2	10	1.2	U	
7440-50-8	COPPER	1	19	8	1.8		
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	12000	750	22		
7439-96-5	MANGANESE	1	0.91	5	0.91	U	
7440-02-0	NICKEL	1	2.9	20	2.9	U	
7440-09-7	POTASSIUM	1	5000	1000	190		
7440-22-4	SILVER	1	1.6	10	1.6	U	
7440-23-5	SODIUM	1	12000	500	49		
7440-24-6	STRONTIUM	1	240	10	1.8		
7440-62-2	VANADIUM	1	9.5	10	1.2	B	
7440-66-6	ZINC	1	5	20	2.7	B	

Data Package ID: it1505498-1

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ICP Metals

Method SW6010B

Method Blank

Lab Name: ALS Environmental -- FC

Work Order Number: 1505498

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4, MAY 2015 I15-024

Lab ID: IP150529-21MB

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 29-May-15

Date Analyzed: 30-May-15

Prep Batch: IP150529-21

QCBatchID: IP150529-21-4

Run ID: IT150530-1A6

Cleanup: NONE

Basis: N/A

File Name: 150530A.

Sample Aliquot: 50 ml

Final Volume: 50 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	DF	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-36-0	ANTIMONY	1	5.4	20	5.4	U	
7440-38-2	ARSENIC	1	5.4	10	5.4	U	
7440-39-3	BARIUM	1	-1	20	0.96	B	
7440-41-7	BERYLLIUM	1	0.49	4	0.49	U	
7440-43-9	CADMIUM	1	0.75	5	0.75	U	
7440-70-2	CALCIUM	1	18	1000	18	U	
7440-47-3	CHROMIUM	1	1.3	10	1.3	U	
7440-48-4	COBALT	1	1.2	10	1.2	U	
7440-50-8	COPPER	1	1.8	8	1.8	U	
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	22	750	22	U	
7439-96-5	MANGANESE	1	0.91	5	0.91	U	
7440-02-0	NICKEL	1	2.9	20	2.9	U	
7440-09-7	POTASSIUM	1	190	1000	190	U	
7440-22-4	SILVER	1	1.6	10	1.6	U	
7440-23-5	SODIUM	1	49	500	49	U	
7440-24-6	STRONTIUM	1	-3.7	10	1.8	B	
7440-62-2	VANADIUM	1	1.2	10	1.2	U	
7440-66-6	ZINC	1	-3.3	20	2.7	B	

Data Package ID: it1505498-1

Date Printed: Sunday, May 31, 2015

ALS Environmental -- FC

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ICP Metals

Method SW6010B

Laboratory Control Sample

Lab Name: ALS Environmental -- FC

Work Order Number: 1505498

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4, MAY 2015 I15-024

Lab ID: IP150529-21LCS

Sample Matrix: WATER

% Moisture: N/A

Date Collected: N/A

Date Extracted: 05/29/2015

Date Analyzed: 05/30/2015

Prep Method: SW3005A

Prep Batch: IP150529-21

QCBatchID: IP150529-21-4

Run ID: IT150530-1A6

Cleanup: NONE

Basis: N/A

File Name: 150530A.

Sample Aliquot: 50 ml

Final Volume: 50 ml

Result Units: UG/L

Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-36-0	ANTIMONY	500	513	20		103	80 - 120%
7440-38-2	ARSENIC	1000	1120	10		112	80 - 120%
7440-39-3	BARIUM	1000	1030	20		103	80 - 120%
7440-41-7	BERYLLIUM	50	54.6	4		109	80 - 120%
7440-43-9	CADMIUM	50	52.9	5		106	80 - 120%
7440-70-2	CALCIUM	40000	42000	1000		105	80 - 120%
7440-47-3	CHROMIUM	200	213	10		107	80 - 120%
7440-48-4	COBALT	500	546	10		109	80 - 120%
7440-50-8	COPPER	250	261	8		105	80 - 120%
7439-89-6	IRON	1000	976	50		98	80 - 120%
7439-95-4	MAGNESIUM	40000	41600	750		104	80 - 120%
7439-96-5	MANGANESE	500	532	5		106	80 - 120%
7440-02-0	NICKEL	500	529	20		106	80 - 120%
7440-09-7	POTASSIUM	40000	43000	1000		108	80 - 120%
7440-22-4	SILVER	100	102	10		102	80 - 120%
7440-23-5	SODIUM	40000	42500	500		106	80 - 120%
7440-24-6	STRONTIUM	500	525	10		105	80 - 120%
7440-62-2	VANADIUM	500	534	10		107	80 - 120%
7440-66-6	ZINC	500	504	20		101	80 - 120%

Data Package ID: *it1505498-1*

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ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental -- FC

Work Order Number: 1505498

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4, MAY 2015 I15-024

Field ID: B30WM4	Sample Matrix: WATER	Prep Batch: IP150529-21	Sample Aliquot: 50 ml
LabID: 1505498-1MS	% Moisture: N/A	QCBatchID: IP150529-21-4	Final Volume: 50 ml
	Date Collected: 27-May-15	Run ID: IT150530-1A6	Result Units: UG/L
	Date Extracted: 29-May-15	Cleanup: NONE	File Name: 150530A.
	Date Analyzed: 30-May-15	Basis: As Received	
	Prep Method: SW3005 Rev A		

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-36-0	ANTIMONY	5.4	U	529		20	500	106	80 - 120%
7440-38-2	ARSENIC	5.4	U	1160		10	1000	116	80 - 120%
7440-39-3	BARIUM	28		1080		20	1000	105	80 - 120%
7440-41-7	BERYLLIUM	0.49	U	56.4		4	50	113	80 - 120%
7440-43-9	CADMIUM	0.75	U	53.9		5	50	108	80 - 120%
7440-70-2	CALCIUM	50000		95600		1000	40000	113	80 - 120%
7440-47-3	CHROMIUM	22		240		10	200	109	80 - 120%
7440-48-4	COBALT	1.2	U	556		10	500	111	80 - 120%
7440-50-8	COPPER	3.3	B	271		8	250	107	80 - 120%
7439-89-6	IRON	16	U	999		50	1000	100	80 - 120%
7439-95-4	MAGNESIUM	12000		54200		750	40000	107	80 - 120%
7439-96-5	MANGANESE	0.91	U	545		5	500	109	80 - 120%
7440-02-0	NICKEL	2.9	U	530		20	500	106	80 - 120%
7440-09-7	POTASSIUM	4900		50200		1000	40000	113	80 - 120%
7440-22-4	SILVER	1.6	U	105		10	100	105	80 - 120%
7440-23-5	SODIUM	11000		57800		500	40000	116	80 - 120%
7440-24-6	STRONTIUM	230		771		10	500	107	80 - 120%
7440-62-2	VANADIUM	9.5	B	557		10	500	109	80 - 120%
7440-66-6	ZINC	2.7	U	547		20	500	109	80 - 120%

Data Package ID: *it1505498-1*

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ALS1505498

ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental -- FC

Work Order Number: 1505498

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4, MAY 2015 I15-024

Field ID: B30WM4
LabID: 1505498-1MSD

Sample Matrix: WATER

% Moisture: N/A

Date Collected: 27-May-15

Date Extracted: 29-May-15

Date Analyzed: 30-May-15

Prep Method: SW3005 Rev A

Prep Batch: IP150529-21

QC BatchID: IP150529-21-4

Run ID: IT150530-1A6

Cleanup: NONE

Basis: As Received

Sample Aliquot: 50 ml

Final Volume: 50 ml

Result Units: UG/L

File Name: 150530A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-36-0	ANTIMONY	519		500	104	20	20	2
7440-38-2	ARSENIC	1130		1000	113	10	20	2
7440-39-3	BARIUM	1070		1000	104	20	20	1
7440-41-7	BERYLLIUM	55.4		50	111	4	20	2
7440-43-9	CADMIUM	52.5		50	105	5	20	3
7440-70-2	CALCIUM	95100		40000	112	1000	20	0
7440-47-3	CHROMIUM	239		200	109	10	20	0
7440-48-4	COBALT	549		500	110	10	20	1
7440-50-8	COPPER	267		250	106	8	20	1
7439-89-6	IRON	1020		1000	102	50	20	2
7439-95-4	MAGNESIUM	53600		40000	105	750	20	1
7439-96-5	MANGANESE	540		500	108	5	20	1
7440-02-0	NICKEL	523		500	105	20	20	1
7440-09-7	POTASSIUM	49700		40000	112	1000	20	1
7440-22-4	SILVER	103		100	103	10	20	2
7440-23-5	SODIUM	56900		40000	114	500	20	1
7440-24-6	STRONTIUM	767		500	107	10	20	0
7440-62-2	VANADIUM	551		500	108	10	20	1
7440-66-6	ZINC	542		500	108	20	20	1

Data Package ID: *it1505498-1*