ALS Environmental

Ft. Collins, Colorado LIMS Version: 6.754

Tuesday, March 31, 2015

Bob Evans
CH2M HILL Plateau Remediation Company
2420 Stevens Center
Richland, WA 99352

Re: ALS Workorder: 1503230
Project Name: 200W Pump & Treat - Treatment Plant Water Sampling
Project Number: F15-005

Dear Mr. Evans:

Four water samples were received from CH2M HILL Plateau Remediation Company, on 3/12/2015. 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

JME/jme
Enclosure(s):

ADDRESS 225 Commerce Drive, Fort Collins, Colorado, USA 80524 | PHONE +1 970 490 1511 | FAX +1 970 490 1522
ALS GROUP USA, CORP. Part of the ALS Laboratory Group An ALS Limited Company

ALS 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 Laboratory Certifications	
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	175
Nebraska	NE-OS-24-13
Nevada (NV)	CO000782008A
New Jersey (NJ)	CO003
North Dakota (ND)	R-057
Oklahoma	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington	C1280

Revised 8/15/2013

ALS Environmental -- FC

Sample Number(s) Cross-Reference Table

OrderNum: 1503230
Client Name: CH2M HILL Plateau Remediation Company
Client Project Name: 200W Pump & Treat - Treatment Plant Water Sampling
Client Project Number: F15-005
Client PO Number: BOA 54854

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
B30K30	1503230-1		WATER	10-Mar-15	11:00
B30K24	1503230-2		WATER	10-Mar-15	9:00
B30K50	1503230-3		WATER	10-Mar-15	12:45
B30K40	1503230-4		WATER	10-Mar-15	12:10

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F15-005-099 | PAGE 1 OF 1

COLLECTOR: D. Floyd	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT
SAMPLING LOCATION: 289-T, Effluent Tank, Valve V07-Y80D	PROJECT DESIGNATION: 200W Pump & Treat - Treatment Plant Water Sampling		SAF NO.: F15-005
ICE CHEST NO.: GWS-268	FIELD LOGBOOK NO.: ~~HNF-N-~~ 451-5/127	ACTUAL SAMPLE DEPTH: N/A	COA: 303110
SHIPPED TO: ALS Environmental Ft. Collins	OFFSITE PROPERTY NO.: 54174		BILL OF LADING/AIR BILL NO.: 7731 0100 1732

PRICE CODE: 7C | DATA TURNAROUND: 15 Days / 15 Days | AIR QUALITY: ☐ | METHOD OF SHIPMENT: FEDERAL EXPRESS | **ORIGINAL**

1503230

~~1503223~~ CDT 3-12-15

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2
HOLDING TIME	6 Months
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B30K30	WATER	MAR 10 2015	1100

~~2~~ 1 CDT 3-12-15

ALS1503230

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D. Floyd	MAR 10 2015 1115	K.C. Patterson/CHPRC	MAR 10 2015 1115
K.C. Patterson/CHPRC	MAR 10 2015 1147	SSU-1	MAR 10 2015 1147
SSU-1	MAR 11 2015 0900	M.A. White/CHPRC	MAR 11 2015 0900
M.A. White/CHPRC	MAR 11 2015 1400	FEDEX	
FEDEX		C Trimble C Trimble	3-12-15 1000

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-034
(1) 6020_METALS_ICPMS: COMMON {Aluminum, Chromium, Cobalt, Copper, Molybdenum, Selenium}; 6020_METALS_ICPMS: COMMON (Add-on) {Manganese, Nickel, Uranium, Zinc}; 6010_METALS_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 6010_METALS_ICP: COMMON (Add-on) {Boron};

TRVL 15- 034

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/18/2015

A-6003-618 (REV 2)

March 31, 2015

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F15-005-093 | PAGE 1 OF 1

COLLECTOR: D. Floyd	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT
SAMPLING LOCATION: 289-T, Influent Tank, Valve V12-Y30	PROJECT DESIGNATION: 200W Pump & Treat - Treatment Plant Water Sampling		SAF NO.: F15-005
ICE CHEST NO.: GWS-268	FIELD LOGBOOK NO.: ~~HNF-N~~- 451-8/127	ACTUAL SAMPLE DEPTH: N/A	COA: 303110
SHIPPED TO: ALS Environmental Ft. Collins	OFFSITE PROPERTY NO.: 5474		BILL OF LADING/AIR BILL NO.: 7731 0100 1732

PRICE CODE: 7C
AIR QUALITY: ☐
DATA TURNAROUND: 15 Days / 15 Days
METHOD OF SHIPMENT: FEDERAL EXPRESS
ORIGINAL

~~1503223~~ COT 3-12-15 1503230

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2
HOLDING TIME	6 Months
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B30K24	WATER	MAR 10 2015	0900	✓

(3)(2) COT 3-12-15

ALS1503230

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D. Floyd	MAR 10 2015 1045	SSU-1	MAR 10 2015 1045
SSU-1	MAR 11 2015 0900	M.A. White/CHPRC	MAR 11 2015 0900
M.A. White/CHPRC	MAR 11 2015 1400	FEDEX	
FED EX		C Trimble C Trimble	3-12-15 1000

SPECIAL INSTRUCTIONS
** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-034
(1) 6020_METALS_ICPMS: COMMON {Aluminum, Chromium, Cobalt, Copper, Molybdenum, Selenium}; 6020_METALS_ICPMS: COMMON (Add-on) {Manganese, Nickel, Uranium, Zinc}; 6010_METALS_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 6010_METALS_ICP: COMMON (Add-on) {Boron};

TRVL 15- 034

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/18/2015

A-6003-618 (REV 2)

March 31, 2015

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CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-005-118	PAGE 1 OF 1
COLLECTOR: D. Floyd	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT	PRICE CODE: 7C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: 289-TA, Post-Resin Tanks, Valve V06-Y22	PROJECT DESIGNATION: 200W Pump & Treat - Treatment Plant Water Sampling		SAF NO.: F15-005	AIR QUALITY: ☐	
ICE CHEST NO.: GWS-268	FIELD LOGBOOK NO.: ~~HNF-N~~ 451-5/123	ACTUAL SAMPLE DEPTH: (N/A)	COA: 303110	METHOD OF SHIPMENT: FEDERAL EXPRESS	ORIGINAL
SHIPPED TO: ALS Environmental Ft. Collins	OFFSITE PROPERTY NO.: 5474		BILL OF LADING/AIR BILL NO.: 7731 01001732		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2
HOLDING TIME	6 Months
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

~~1503223~~ CDT 3-12-15 1503230

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B30K50	WATER	MAR 10 2015	1245	✓

~~8~~ 3 CDT 3-12-15

ALS1503230

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D. Floyd	MAR 10 2015	SSU# 1	MAR 10 2015
SSU-1	MAR 11 2015 0900	M.A. White/CHPRC	MAR 11 2015 0900
M.A. White/CHPRC	MAR 11 2015 1400	FEDEX	
FED EX		C Trimble	3-12-15 1000

SPECIAL INSTRUCTIONS
** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-034
(1) 6020_METALS_ICPMS: COMMON {Aluminum, Chromium, Cobalt, Copper, Molybdenum, Selenium}; 6020_METALS_ICPMS: COMMON (Add-on) {Manganese, Nickel, Uranium, Zinc}; 6010_METALS_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 6010_METALS_ICP: COMMON (Add-on) {Boron};

TRVL 15- 034

March 31, 2015

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/18/2015

A-6003-618 (REV 2)

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CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-005-109	PAGE 1 OF 1
COLLECTOR: D. Floyd	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT	PRICE CODE: 7C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: 289-TA, Pre-Resin Tanks, Valve V05-Y20	PROJECT DESIGNATION: 200W Pump & Treat - Treatment Plant Water Sampling		SAF NO.: F15-005	AIR QUALITY: ☐	
ICE CHEST NO.: GWS-268	FIELD LOGBOOK NO.: HNF-N-481-5/127	ACTUAL SAMPLE DEPTH: (N/A)	COA: 303110	METHOD OF SHIPMENT: FEDERAL EXPRESS	ORIGINAL
SHIPPED TO: ALS Environmental Ft. Collins	OFFSITE PROPERTY NO.: 5474		BILL OF LADING/AIR BILL NO.: 7731 01001732		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

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

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2
HOLDING TIME	6 Months
TYPE OF CONTAINER	G/P
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B30K40	WATER	MAR 10 2015	1210	✓

~~1503223~~ CDT 3-12-15 1503230

(4) CDT 3-12-15

ALS1503230

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: D. Floyd	DATE/TIME: MAR 10 2015	RECEIVED BY/STORED IN: SSU#1	DATE/TIME: MAR 10 2015
RELINQUISHED BY/REMOVED FROM: SSU-1	DATE/TIME: MAR 11 2015 0900	RECEIVED BY/STORED IN: M.A. White/CHPRC	DATE/TIME: MAR 11 2015 0900
RELINQUISHED BY/REMOVED FROM: M.A. White/CHPRC	DATE/TIME: MAR 11 2015 1400	RECEIVED BY/STORED IN: FEDEX	DATE/TIME:
RELINQUISHED BY/REMOVED FROM: FED EX	DATE/TIME:	RECEIVED BY/STORED IN: CTrimble	DATE/TIME: 3-12-15 1000
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:
RELINQUISHED BY/REMOVED FROM	DATE/TIME:	RECEIVED BY/STORED IN	DATE/TIME:

SPECIAL INSTRUCTIONS
** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-034
(1) 6020_METALS_ICPMS: COMMON {Aluminum, Chromium, Cobalt, Copper, Molybdenum, Selenium}; 6020_METALS_ICPMS: COMMON (Add-on) {Manganese, Nickel, Uranium, Zinc}; 6010_METALS_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 6010_METALS_ICP: COMMON (Add-on) {Boron};

TRVL 15- 034

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/18/2015

A-6003-618 (REV 2)

March 31, 2015

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: CHPRC Workorder No: 1503230

Project Manager: JE Initials: CDT Date: 3-12-15

1. Does this project require any special handling in addition to standard ALS procedures?		YES	NO
2. Are custody seals on shipping containers intact?	NONE	YES	NO
3. Are Custody seals on sample containers intact?	NONE	YES	NO
4. Is there a COC (Chain-of-Custody) present or other representative documents?		YES	NO
5. Are the COC and bottle labels complete and legible?		YES	NO
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		YES	NO
7. Were airbills / shipping documents present and/or removable?	DROP OFF	YES	NO
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	N/A	YES	NO
9. Are all aqueous non-preserved samples pH 4-9?	N/A	YES	NO
10. Is there sufficient sample for the requested analyses?		YES	NO
11. Were all samples placed in the proper containers for the requested analyses?		YES	NO
12. Are all samples within holding times for the requested analyses?		YES	NO
13. Were all sample containers received intact? (not broken or leaking, etc.)		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	N/A	YES	NO
15. Do any water samples contain sediment? Amount of sediment: ____ dusting ____ moderate ____ heavy	N/A	YES	NO
16. Were the samples shipped on ice?		YES	NO
17. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #2 #4	RAD ONLY	YES	NO

Cooler #:	1							
Temperature (°C):	Amb							
No. of custody seals on cooler:	2							
DOT Survey/ Acceptance Information: External µR/hr reading:	11							
Background µR/hr reading:	12							

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? **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: JE 3/12/15

*IR Gun #2: Oakton, SN 29922500201-0066
*IR Gun #4: Oakton, SN 2372220101-0002

Form 201r24.xls (06/04/2012)

1503230
~~1503223~~ CDT 3-12-15

From: (509) 528-9426
Lesly Wall
CH2M
6267 Latah St
6269 Latah St
Richland, WA 99354

Origin ID: PSCA

FedEx. Express

.151215022303uv

Ship Date: 11MAR15
ActWgt: 16.0 LB
CAD: 107066051/INET3610

Delivery Address Bar Code

Ref # ptr# 5474
Invoice #
PO #
Dept #

SHIP TO: (970) 490-1511
Julie Ellingson
ALS Global
225 Commerce Drive

FORT COLLINS, CO 80524

BILL THIRD PARTY

TRK# 0201 7731 0100 1732

THU - 12 MAR 10:30A
PRIORITY OVERNIGHT
DSR
80524
CO-US
DEN

XH FTCA

537J1/B79A/EE4B

Metals

Case Narrative

CH2M HILL Plateau Remediation Company

200W Pump & Treat – Treatment Plant Water Sampling – F15-005

Work Order Number: 1503230

1. This report consists of 4 water samples.

2. The samples were received intact at ambient temperature by ALS on 03/12/15.

3. The 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 and ICP-MS, 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.

   Analysis by ICP-MS followed method 6020A and the current revision of SOP 827.

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 times.

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. 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.
- The interference check samples associated with Method 6020A were analyzed.

9. Matrix specific quality control procedures.

   Sample 1503223-1 was designated as the quality control sample for each analysis. Results for the shared quality control samples are included at the client's request.

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

10. It is a standard practice that samples for ICP-MS are analyzed at a dilution. The 10X factor can be considered an artifact of the prep and does not indicate a secondary dilution and is therefore not flagged as a dilution.

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 — 3/25/15
Jill Latelle — Date
Inorganics Primary Data Reviewer

Julie Ellis — 3/30/15
Inorganics Final Data Reviewer — 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 <=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.

Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K30
Lab ID: 1503230-1

Analysis ReqCode: 6010:Add on B

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: As Received
File Name: 150319A.

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
7440-42-8	BORON	1	50	30	6.8		
7440-70-2	CALCIUM	1	57000	1000	18		
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	21000	750	22		
7440-09-7	POTASSIUM	1	4800	1000	190		
7440-23-5	SODIUM	1	21000	500	49		

Data Package ID: *IT1503230-1*

Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K24
Lab ID: 1503230-2

Analysis ReqCode: 6010:Add on B

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: As Received
File Name: 150319A.

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
7440-42-8	BORON	1	31	30	6.8		
7440-70-2	CALCIUM	1	60000	1000	18		
7439-89-6	IRON	1	48	50	16	B	
7439-95-4	MAGNESIUM	1	22000	750	22		
7440-09-7	POTASSIUM	1	4500	1000	190		
7440-23-5	SODIUM	1	17000	500	49		

Data Package ID: *IT1503230-1*

Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K50
Lab ID: 1503230-3

Analysis ReqCode: 6010:Add on B

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: As Received
File Name: 150319A.

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
7440-42-8	BORON	1	8.3	30	6.8	B	
7440-70-2	CALCIUM	1	63000	1000	18		
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	22000	750	22		
7440-09-7	POTASSIUM	1	5100	1000	190		
7440-23-5	SODIUM	1	29000	500	49		

Data Package ID: *IT1503230-1*

Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K40
Lab ID: 1503230-4

Analysis ReqCode: 6010:Add on B

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: As Received
File Name: 150319A.

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
7440-42-8	BORON	1	7.5	30	6.8	B	
7440-70-2	CALCIUM	1	64000	1000	18		
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	23000	750	22		
7440-09-7	POTASSIUM	1	5200	1000	190		
7440-23-5	SODIUM	1	30000	500	49		

Data Package ID: *IT1503230-1*

Total Recoverable ICPMS Metals

Method SW6020A

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K30
Lab ID: 1503230-1

Analysis ReqCode: 6020:Common

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: As Received
File Name: 034SMPL_

Analyst: Brent A. Stanfield
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
7429-90-5	ALUMINUM	10	19	50	19	U	
7440-47-3	CHROMIUM	10	1.8	10	0.74	B	
7440-48-4	COBALT	10	6.9	1	0.21		
7440-50-8	COPPER	10	11	8	2		
7439-96-5	MANGANESE	10	39	5	0.74		
7439-98-7	MOLYBDENUM	10	32	1	0.44		
7440-02-0	NICKEL	10	9.7	5	2.3		
7782-49-2	SELENIUM	10	2.6	1	0.42		
7440-61-1	URANIUM	10	0.99	0.1	0.046		
7440-66-6	ZINC	10	7.1	20	7.1	U	

Data Package ID: *IM1503230-1*

Total Recoverable ICPMS Metals

Method SW6020A

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K24
Lab ID: 1503230-2

Analysis ReqCode: 6020:Common

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: As Received
File Name: 035SMPL_

Analyst: Brent A. Stanfield
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
7429-90-5	ALUMINUM	10	49	50	19	B	
7440-47-3	CHROMIUM	10	23	10	0.74		
7440-48-4	COBALT	10	0.21	1	0.21	U	
7440-50-8	COPPER	10	12	8	2		
7439-96-5	MANGANESE	10	2.7	5	0.74	B	
7439-98-7	MOLYBDENUM	10	3.3	1	0.44		
7440-02-0	NICKEL	10	2.3	5	2.3	U	
7782-49-2	SELENIUM	10	2.9	1	0.42		
7440-61-1	URANIUM	10	1.3	0.1	0.046		
7440-66-6	ZINC	10	15	20	7.1	B	

Data Package ID: *IM1503230-1*

Total Recoverable ICPMS Metals

Method SW6020A

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K50
Lab ID: 1503230-3

Analysis ReqCode: **6020:Common**

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: As Received
File Name: 036SMPL_

Analyst: Brent A. Stanfield
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
7429-90-5	ALUMINUM	10	19	50	19	U	
7440-47-3	CHROMIUM	10	38	10	0.74		
7440-48-4	COBALT	10	0.21	1	0.21	U	
7440-50-8	COPPER	10	2	8	2	U	
7439-96-5	MANGANESE	10	0.74	5	0.74	U	
7439-98-7	MOLYBDENUM	10	3.5	1	0.44		
7440-02-0	NICKEL	10	2.3	5	2.3	U	
7782-49-2	SELENIUM	10	4.1	1	0.42		
7440-61-1	URANIUM	10	1.9	0.1	0.046		
7440-66-6	ZINC	10	7.1	20	7.1	U	

Data Package ID: *IM1503230-1*

Total Recoverable ICPMS Metals

Method SW6020A

Sample Results

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Field ID: B30K40
Lab ID: 1503230-4

Analysis ReqCode: 6020:Common

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: As Received
File Name: 037SMPL_

Analyst: Brent A. Stanfield
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
7429-90-5	ALUMINUM	10	19	50	19	U	
7440-47-3	CHROMIUM	10	48	10	0.74		
7440-48-4	COBALT	10	0.21	1	0.21	U	
7440-50-8	COPPER	10	2	8	2	U	
7439-96-5	MANGANESE	10	0.74	5	0.74	U	
7439-98-7	MOLYBDENUM	10	3.9	1	0.44		
7440-02-0	NICKEL	10	2.4	5	2.3	B	
7782-49-2	SELENIUM	10	3.3	1	0.42		
7440-61-1	URANIUM	10	1.8	0.1	0.046		
7440-66-6	ZINC	10	7.1	20	7.1	U	

Data Package ID: *IM1503230-1*

ICP Metals

Method SW6010B

Method Blank

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Lab ID: IP150317-2MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: N/A
File Name: 150319A.

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
7440-42-8	BORON	1	-7.5	30	6.8	B	
7440-70-2	CALCIUM	1	18	1000	18	U	
7439-89-6	IRON	1	16	50	16	U	
7439-95-4	MAGNESIUM	1	22	750	22	U	
7440-09-7	POTASSIUM	1	190	1000	190	U	
7440-23-5	SODIUM	1	49	500	49	U	

Data Package ID: *IT1503230-1*

ICP Metals

Method SW6010B

Laboratory Control Sample

Lab Name: ALS Environmental -- FC
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Lab ID: IP150317-2LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/17/2015
Date Analyzed: 03/19/2015
Prep Method: SW3005A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: N/A
File Name: 150319A.

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
7440-42-8	BORON	1000	1060	30		106	80 - 120%
7440-70-2	CALCIUM	40000	40200	1000		100	80 - 120%
7439-89-6	IRON	1000	944	50		94	80 - 120%
7439-95-4	MAGNESIUM	40000	42300	750		106	80 - 120%
7440-09-7	POTASSIUM	40000	39600	1000		99	80 - 120%
7440-23-5	SODIUM	40000	41600	500		104	80 - 120%

Data Package ID: *IT1503230-1*

ICP Metals

Method SW6010B

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental -- FC
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-

Field ID: SHARED QC
LabID: 1503223-1MS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: As Received

Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: UG/L
File Name: 150319A.

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-42-8	BORON	53		1090		30	1000	104	80 - 120%
7440-70-2	CALCIUM	58000		97400		1000	40000	98	80 - 120%
7439-89-6	IRON	16	U	920		50	1000	92	80 - 120%
7439-95-4	MAGNESIUM	21000		62100		750	40000	102	80 - 120%
7440-09-7	POTASSIUM	5000		46100		1000	40000	103	80 - 120%
7440-23-5	SODIUM	21000		64800		500	40000	108	80 - 120%

Field ID: SHARED QC
LabID: 1503223-1MSD

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-5
Run ID: IT150319-1A3
Cleanup: NONE
Basis: As Received

Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: UG/L
File Name: 150319A.

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-42-8	BORON	1100		1000	105	30	20	1
7440-70-2	CALCIUM	97700		40000	99	1000	20	0
7439-89-6	IRON	923		1000	92	50	20	0
7439-95-4	MAGNESIUM	62200		40000	103	750	20	0
7440-09-7	POTASSIUM	45900		40000	102	1000	20	0
7440-23-5	SODIUM	64300		40000	107	500	20	1

Data Package ID: *IT1503230-1*

ICPMS Metals

Method SW6020A

Method Blank

Lab Name: **ALS Environmental -- FC**
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Lab ID: IP150317-2MB

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: N/A
File Name: 018SMPL_

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
7429-90-5	ALUMINUM	10	19	50	19	U	
7440-47-3	CHROMIUM	10	0.74	10	0.74	U	
7440-48-4	COBALT	10	0.21	1	0.21	U	
7440-50-8	COPPER	10	2	8	2	U	
7439-96-5	MANGANESE	10	0.74	5	0.74	U	
7439-98-7	MOLYBDENUM	10	0.44	1	0.44	U	
7440-02-0	NICKEL	10	2.3	5	2.3	U	
7782-49-2	SELENIUM	10	0.42	1	0.42	U	
7440-61-1	URANIUM	10	0.046	0.1	0.046	U	
7440-66-6	ZINC	10	7.1	20	7.1	U	

Data Package ID: *IM1503230-1*

ICPMS Metals

Method SW6020A

Laboratory Control Sample

Lab Name: ALS Environmental -- FC
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-005

Lab ID: IM150317-2LCS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/17/2015
Date Analyzed: 03/19/2015
Prep Method: SW3005A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: N/A
File Name: 019SMPL_

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
7429-90-5	ALUMINUM	5000	4830	50		97	80 - 120%
7440-47-3	CHROMIUM	500	483	10		97	80 - 120%
7440-48-4	COBALT	100	101	1		101	80 - 120%
7440-50-8	COPPER	1000	999	8		100	80 - 120%
7439-96-5	MANGANESE	100	100	5		100	80 - 120%
7439-98-7	MOLYBDENUM	100	97.9	1		98	80 - 120%
7440-02-0	NICKEL	500	506	5		101	80 - 120%
7782-49-2	SELENIUM	100	98.7	1		99	80 - 120%
7440-61-1	URANIUM	10	10.1	0.1		101	80 - 120%
7440-66-6	ZINC	2000	1990	20		100	80 - 120%

Data Package ID: *IM1503230-1*

ICPMS Metals

Method SW6020A

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental -- FC
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-

Field ID: SHARED QC
LabID: 1503223-1MS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: UG/L
File Name: 032SMPL_

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7429-90-5	ALUMINUM	21	B	4870		50	5000	97	75 - 125%
7440-47-3	CHROMIUM	1.9	B	478		10	500	95	75 - 125%
7440-48-4	COBALT	8.4		106		1	100	98	75 - 125%
7440-50-8	COPPER	14		992		8	1000	98	75 - 125%
7439-96-5	MANGANESE	43		143		5	100	100	75 - 125%
7439-98-7	MOLYBDENUM	33		129		1	100	96	75 - 125%
7440-02-0	NICKEL	13		499		5	500	97	75 - 125%
7782-49-2	SELENIUM	2.6		105		1	100	103	75 - 125%
7440-61-1	URANIUM	1.1		11.2		0.1	10	101	75 - 125%
7440-66-6	ZINC	9.9	B	1970		20	2000	98	75 - 125%

Data Package ID: *IM1503230-1*

ICPMS Metals

Method SW6020A

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental -- FC
Work Order Number: 1503230
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 200W Pump & Treat - Treatment Plant Water Sampling F15-

Field ID: SHARED QC
LabID: 1503223-1MSD

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 10-Mar-15
Date Extracted: 17-Mar-15
Date Analyzed: 19-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150317-2
QCBatchID: IP150317-2-3
Run ID: IM150319-11A4
Cleanup: NONE
Basis: As Received

Sample Aliquot: 50 ml
Final Volume: 50 ml
Result Units: UG/L
File Name: 033SMPL_

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7429-90-5	ALUMINUM	4760		5000	95	50	20	2
7440-47-3	CHROMIUM	482		500	96	10	20	1
7440-48-4	COBALT	104		100	96	1	20	2
7440-50-8	COPPER	981		1000	97	8	20	1
7439-96-5	MANGANESE	142		100	99	5	20	1
7439-98-7	MOLYBDENUM	133		100	99	1	20	3
7440-02-0	NICKEL	495		500	96	5	20	1
7782-49-2	SELENIUM	105		100	102	1	20	0
7440-61-1	URANIUM	11.2		10	101	0.1	20	0
7440-66-6	ZINC	1970		2000	98	20	20	0

Data Package ID: *IM1503230-1*