



Ft. Collins, Colorado

LIMS Version: 6.815

Page 1 of 1

Sunday, May 29, 2016

Dave Todak
CH2M HILL Plateau Remediation Company
2420 Stevens Center
Richland, WA 99352

Re: ALS Workorder: 1605421
Project Name: 100-HR-3 Long Term & Interim Action Monitoring - Soil
Project Number: F16-040

Dear Mr. Todak:

Three soil samples were received from CH2M HILL Plateau Remediation Company, on 5/20/2016. The samples were scheduled for the following analysis:

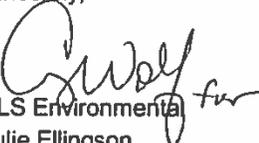
Metals

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 -- FC

Sample Number(s) Cross-Reference Table

OrderNum: 1605421

Client Name: CH2M HILL Plateau Remediation Company

Client Project Name: 100-HR-3 Long Term & Interim Action Monitoring - Soil

Client Project Number: F16-040

Client PO Number: BOA 54854

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
B35FR0	1605421-1		SOIL	18-May-16	11:47
B35L97	1605421-2		SOIL	18-May-16	14:01
B35L99	1605421-3		SOIL	18-May-16	14:01

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 1605421		F16-040-003	PAGE 1 OF 1
COLLECTOR W.M. WISECHFR0	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION C9544, I-001	PROJECT DESIGNATION 100-HR-3 Long Term & Interim Action Monitoring - Soil	FIELD LOGBOOK NO. HNF-N-6454	SAF NO. F16-040	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT FEDERAL EXPRESS
ICE CHEST NO. GWS-479	OFFSITE PROPERTY NO. 6646	ACTUAL SAMPLE DEPTH 56.4-58.9	COA 300115	ORIGINAL	
SHIPPED TO ALS Environmental Ft. Collins	BILL OF LADING/AIR BILL NO. 783138736062				

MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Solids O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	PRESERVATION None	HOLDING TIME 6 Months	TYPE OF CONTAINER G/P	NO. OF CONTAINER(S) 1	VOLUME 250ml	SAMPLE ANALYSIS 6020 METALS, ICPMS, COMMON (Chromium);
SPECIAL HANDLING AND/OR STORAGE						
SAMPLE NO. B35FR0	MATRIX* SOIL	SAMPLE DATE MAY 18 2016	SAMPLE TIME 1147			

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM W.M. WISECHFR0	DATE/TIME MAY 18 2016 1500	RECEIVED BY/STORED IN SSU-1	DATE/TIME MAY 18 2016 1500		
RELINQUISHED BY/REMOVED FROM SSU-1	DATE/TIME MAY 18 2016 0650	RECEIVED BY/STORED IN Toy Bacon CHPRC	DATE/TIME MAY 18 2016 0650		
RELINQUISHED BY/REMOVED FROM Toy Bacon FEDEX	DATE/TIME MAY 18 2016 1400	RECEIVED BY/STORED IN FEDEX	DATE/TIME MAY 18 2016 1400		
RELINQUISHED BY/REMOVED FROM FEDEX	DATE/TIME	RECEIVED BY/STORED IN TRIPLE COUNTED=52016 0950	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		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	
PRINTED ON 4/29/2016	FSR ID = FSR32082	TRVL NUM = TRVL-16-134		A-6003-618 (REV 2)	

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 1605421		F16-040-047	PAGE 1 OF 1
COLLECTOR W.M. WISE/CHFRG	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION C9547, I-002	PROJECT DESIGNATION 100-HR-3 Long Term & Interim Action Monitoring - Soil	SAF NO. F16-040	COA 300115	AIR QUALITY	METHOD OF SHIPMENT FEDERAL EXPRESS
ICE CHEST NO. GW S-479	FIELD LOGBOOK NO. 43.8-46.3	ACTUAL SAMPLE DEPTH 43.8-46.3	BILL OF LADING/AIR BILL NO. 783 1387732062		ORIGINAL
SHIPPED TO ALS Environmental Fl Collins	OFFSITE PROPERTY NO. 6646				
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/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. N/A	None			
	PRESERVATION	6 Months			
	HOLDING TIME	G/P			
	TYPE OF CONTAINER	1			
	NO. OF CONTAINER(S)	250ml			
	VOLUME	6020 METALS, ICPMS, CDHMON (Chromium);			
	SAMPLE ANALYSIS				
SPECIAL HANDLING AND/OR STORAGE					
SAMPLE NO. B35197	MATRIX*	SAMPLE DATE MAY 18 2016	SAMPLE TIME 1401		

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
W.M. WISE/CHFRG RELINQUISHED BY/REMOVED FROM SSU-1	MAY 18 2016 1500 DATE/TIME MAY 18 2016 0650	SSU-1 Troy Bacon RECEIVED BY/STORED IN	MAY 18 2016 1500 DATE/TIME MAY 18 2016 0650		
Troy Bacon RELINQUISHED BY/REMOVED FROM FEDEX	MAY 18 2016 1400 DATE/TIME	FEDEX RECEIVED BY/STORED IN			
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		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		
PRINTED ON 5/12/2016	FSR ID = FSR32250	TRVL NUM = TRVL-16-145			A-6003-6.18 (REV 2)

CH2MHRI Plateau Remediation Company

COLLECTOR: W.M. WISECH-FRRC

SAMPLING LOCATION: C9547, I-002, DUP

ICE CHEST NO.: GWS-479

SHIPPED TO: ALS Environmental Ft. Collins

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST 1605421

COMPANY CONTACT: TODAY, D

TELEPHONE NO.: 376-6427

PROJECT COORDINATOR: TODAY, D

PRICE CODE: 8C

DATA TURNAROUND: 15 Days / 15 Days

PROJECT DESIGNATION: 100-HR-3 Long Term & Interim Action Monitoring - Soil

FIELD LOGBOOK NO.: HWF-N-645-4806

ACTUAL SAMPLE DEPTH: 43.8 - 46.3

SAF NO.: F16-040

COA: 300115

METHOD OF SHIPMENT: FEDERAL EXPRESS

OFFSITE PROPERTY NO.: 6646

BILL OF LADING/AIR BILL NO.: 783138732068

F16-040-049

PAGE 1 OF 1

MATRIX*	None
A=Air	
DL=Drum	
Liquids	6 Months
DS=Drum	
Solids	G/P
L=Liquid	
O=Oil	
S=Soil	1
SE=Sediment	250ml
T=Tissue	
V=Vegetation	
W=Water	
WT=Wipe	
X=Other	
PRESERVATION	
HOLDING TIME	
TYPE OF CONTAINER	
NO. OF CONTAINER(S)	
VOLUME	
SAMPLE ANALYSIS	
SAMPLE DATE	MAY 18 2016
SAMPLE TIME	1401
MATRIX*	
SAMPLE NO.	SOIL
3735L99	

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM W.M. WISECH-FRRC	RECEIVED BY/STORED IN SSU-1	DATE/TIME MAY 18 2016 1500
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN Troy Bacon / Cheryl L. Bacon	DATE/TIME MAY 18 2016 0650
RELINQUISHED BY/REMOVED FROM SSU-1 Troy Bacon CHPRC	RECEIVED BY/STORED IN FEDEX	DATE/TIME MAY 18 2016 1400
RELINQUISHED BY/REMOVED FROM FED EX	RECEIVED BY/STORED IN C-Trumbull C. Dumble	DATE/TIME 5-20-16 0950
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
LABORATORY SECTION	TITLE	
FINAL SAMPLE DISPOSITION	DISPOSED BY	
RECEIVED BY	DATE/TIME	
DISPOSAL METHOD	DATE/TIME	
PRINTED ON 5/12/2016	FSR ID = FSR32251	TRVL NUM = TRVL-16-145
		A-6003-618 (REV 2)



ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: CHPRC

Workorder No: 1605421

Project Manager: JE

Initials: CDT Date: 5-20-16

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)	<input checked="" type="radio"/> N/A	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 <input checked="" type="radio"/> N/A	YES	NO
16. Were the samples shipped on ice?		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>10</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] 5.10.16

ORIGIN IJ:RSCA (509) 373-3547
 CHRIS FULTON
 CH2M
 6287 LATPAH ST
 RICHLAND, WA 99354
 UNITED STATES US

SHIP DATE: 16MAY16
 ACTWGT: 10.00 LB
 CAD: 10766805 INET3730

BILL THIRD PARTY

TO JULIE ELLINGSON

225 COMMERCE DRIVE

FORT COLLINS CO 80524

(970) 480-1511

REF FTR6636

KV

PO

DEPT

10-2

540.J116323/727F



210101022001

TRK# 7831 3873 2062

FRI - 20 MAY 10:30A
PRIORITY OVERNIGHT
DSR

XH FTCA

80524
CO-US DEN



1605421

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-HR-3 Long Term & Interim Action Monitoring – Soil – F16-040

Work Order Number: 1605421

1. This report consists of 3 soil samples.
2. The samples were received intact at ambient temperature by ALS on 05/20/16.
3. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

For analysis by ICP-MS, the samples were digested following method 3050B and the current revision of SOP 806.

4. Analysis by ICP-MS followed method 6020A and the current revision of SOP 827.
5. All standards and solutions are NIST traceable and were used within their recommended shelf life.
6. The samples were prepared and analyzed within the established hold times.

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

7. 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 analyte.
 - All initial and continuing calibration verifications were within the acceptance criteria for the requested analyte.



- The interference check samples associated with Method 6020A were analyzed.
8. Matrix specific quality control procedures.

Sample 1605421-3 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.

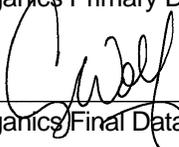
- A matrix spike and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for accuracy were met.
 - A sample duplicate and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for precision were met.
 - A serial dilution was analyzed with this ICP batch. All acceptance criteria were met.
9. 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
Inorganics Primary Data Reviewer

5/27/16
Date



Inorganics Final Data Reviewer

5/29/1
Date

SAMPLE ISSUE RESOLUTION

SIR NUM	SIR16-389
REV NUM	0
DATE INITIATED	5/31/2016

SAMPLE EVENT INFORMATION

SAF NUM(S) F16-040
OPERABLE UNIT(S) 100-HR-3
PROJECT(S) 100-HR-3 RM ACT
SAMPLE EVENT TITLE(S) 100 H Area
LABORATORY ALS Environmental Ft. Collins

SAMPLING INFORMATION

NUMBER OF SAMPLES 3
SAMPLE NUMBERS B35FR0, B35L97, B35L99
SAMPLE MATRIX SOIL
COLLECTION DATE 5/18/2016 - 5/18/2016
SDG NUM ALS1605421

ISSUE BACKGROUND

CLASS Chain of Custody Issue (Field)
TYPE Incorrect Relinquish/Receipt Date/Time
DESCRIPTION COC F16-040-003, SAMPLE B35FR0.
 COC F16-040-047, SAMPLE B35L97.
 COC F16-040-049, SAMPLE B35L99.
 SECOND AND THIRD RELINQUISHED BY DATES AND SECOND RECEIVED BY DATE ARE INCORRECT.
 NO ACTUAL SAMPLE DEPTH UNIT.

DISPOSITION

DESCRIPTION DOCUMENT AND CLOSE
JUSTIFICATION DOCUMENT AND CLOSE

SUBMITTED BY: Gayelyn Gibson DATE: 05/23/2016
 ACCEPTED BY: Kirsten Killand DATE: 05/31/2016



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.

Total CHROMIUM**Method SW6020A****Sample Results****Lab Name:** ALS Environmental -- FC**Client Name:** CH2M HILL Plateau Remediation Company**Client Project ID:** 100-HR-3 Long Term & Interim Action Monitoring - Soil F16-040**Work Order Number:** 1605421**Final Volume:** 100 ml**Reporting Basis:** Dry Weight**Matrix:** SOIL**Analyst:** Brent A. Stanfield**Result Units:** UG/KG

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
B35FR0	1605421-1	5/18/2016	5/24/2016	05/25/2016	14.47	10	6400	1200	95		1.004 g
B35L97	1605421-2	5/18/2016	5/24/2016	05/25/2016	19.96	10	160000	1200	96		1.061 g
B35L99	1605421-3	5/18/2016	5/24/2016	05/25/2016	22.78	10	9900	1300	100		1.027 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *im1605421-1*

ICPMS Metals

Method SW6020A

Method Blank

Lab Name: ALS Environmental -- FC

Work Order Number: 1605421

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-HR-3 Long Term & Interim Action Monitoring - Soil F16-040

Lab ID: IP160524-2MB

Sample Matrix: SOIL
 % Moisture: N/A
 Date Collected: N/A
 Date Extracted: 24-May-16
 Date Analyzed: 25-May-16

Prep Batch: IP160524-2
 QCBatchID: IP160524-2-3
 Run ID: IM160525-12A4
 Cleanup: NONE
 Basis: N/A
 File Name: 033SMPL_

Sample Aliquot: 1 g
 Final Volume: 100 ml
 Result Units: UG/KG
 Clean DF: 1

CASNO	Target Analyte	DF	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-47-3	CHROMIUM	10	82	1000	82	U	

Data Package ID: *im1605421-1*

ICPMS Metals
Method SW6020A
Laboratory Control Sample

Lab Name: ALS Environmental -- FC
Work Order Number: 1605421
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-HR-3 Long Term & Interim Action Monitoring - Soil F16-040

Lab ID: IM160524-2LCS	Sample Matrix: SOIL	Prep Batch: IP160524-2	Sample Aliquot: 1 g
	% Moisture: N/A	QCBatchID: IP160524-2-3	Final Volume: 100 ml
	Date Collected: N/A	Run ID: IM160525-12A4	Result Units: UG/KG
	Date Extracted: 05/24/2016	Cleanup: NONE	Clean DF: 1
	Date Analyzed: 05/25/2016	Basis: N/A	
	Prep Method: SW3050B	File Name: 034SMPL_	

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-47-3	CHROMIUM	50000	50100	1000		100	80 - 120%

Data Package ID: *im1605421-1*

ICPMS Metals
Method SW6020A
Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental -- FC
Work Order Number: 1605421
Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-HR-3 Long Term & Interim Action Monitoring - Soil F16-0

Field ID: B35L99
LabID: 1605421-3MS

Sample Matrix: SOIL	Prep Batch: IP160524-2	Sample Aliquot: 1.028 g
% Moisture: 22.8	QCBatchID: IP160524-2-3	Final Volume: 100 ml
Date Collected: 18-May-16	Run ID: IM160525-12A4	Result Units: UG/KG
Date Extracted: 24-May-16	Cleanup: NONE	File Name: 061SMPL_
Date Analyzed: 25-May-16	Basis: Dry Weight	
Prep Method: SW3050 Rev B		

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-47-3	CHROMIUM	9900		74300		1260	63000	102	75 - 125%

Field ID: B35L99
LabID: 1605421-3MSD

Sample Matrix: SOIL	Prep Batch: IP160524-2	Sample Aliquot: 1.032 g
% Moisture: 22.8	QCBatchID: IP160524-2-3	Final Volume: 100 ml
Date Collected: 18-May-16	Run ID: IM160525-12A4	Result Units: UG/KG
Date Extracted: 24-May-16	Cleanup: NONE	File Name: 062SMPL_
Date Analyzed: 25-May-16	Basis: Dry Weight	
Prep Method: SW3050 Rev B		

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-47-3	CHROMIUM	79900		62700	112	1250	20	7

Data Package ID: *im1605421-1*