

May 26, 2015

Analytical Data Package Prepared For
CH2M Hill Plateau Remediation

Chemical Analysis By
TestAmerica Inc

2800 G.W. Way, Richland Wa, 99354, (509)-375-3131.

Assigned Laboratory Code: TARL

Data Package Contains 18 Pages

Report No.: 65845

Results in this report relate only to the sample(s) analyzed.

| SDG No. | Order No. | Client Sample ID (List Order) | Lot-Sa No. | Work Order | Report DB ID | Batch No. |
|---------|-----------|-------------------------------|--------------|------------|--------------|-----------|
| WC0066 | F15-005 | B31C13 DUP | J5E060416-7 | M6Q381AD | M6Q381AD | 5126077 |
| WC0067 | F13-018 | B31CC8 | J5E060417-8 | M6Q4L1AA | M6Q4L1AA | 5126076 |
| | | B31CC9 | J5E060417-10 | M6Q4N1AA | M6Q4N1AA | 5126077 |
| | F13-018 | B31CD2 | J5E060417-2 | M6Q4E1AA | M6Q4E1AA | 5126076 |
| | | B31CD3 | J5E060417-11 | M6Q4P1AA | M6Q4P1AA | 5126077 |
| | | B31CD7 | J5E060417-1 | M6Q4D1AA | M6Q4D1AA | 5126076 |
| | | B31CD8 | J5E060417-9 | M6Q4M1AA | M6Q4M1AA | 5126077 |
| | | B31CF2 | J5E060417-5 | M6Q4H1AA | M6Q4H1AA | 5126076 |
| | | B31CF3 | J5E060417-12 | M6Q4Q1AA | M6Q4Q1AA | 5126077 |
| | | B31CF7 | J5E060417-7 | M6Q4K1AA | M6Q4K1AA | 5126076 |
| | | B31CF8 | J5E060417-6 | M6Q4J1AA | M6Q4J1AA | 5126076 |
| | | B31CH0 | J5E060417-3 | M6Q4F1AA | M6Q4F1AA | 5126076 |
| | | B31CH1 | J5E060417-4 | M6Q4G1AA | M6Q4G1AA | 5126076 |
| WC0068 | F13-002 | B31BW4 DUP | J5E060418-3 | M6Q4V1AC | M6Q4V1AC | 5126076 |

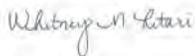
Sample Date: 5/6/2015

Receipt Date: 5/6/2015

Data Deliverable: 5/26/2015

I certify that this Certificate of Analysis is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager, or a designee as verified by the following signature.

Reviewed and Approved:



Digitally signed by Whitney Ritari
Date: 2015.05.26 17:20:59 -07'00'

Project Manager

May 26, 2015



Certificate of Analysis

CH2M Hill Plateau Remediation Company
P.O. Box 1600
Mail Stop – R3-60
Richland, WA 99352

May 26, 2015

Attention: Scot Fitzgerald

| | | |
|-------------------|---|-----------------|
| SAF Number | : | F13-018 |
| Date SDG Closed | : | May 6, 2015 |
| Number of Samples | : | Twelve (12) |
| Sample Type | : | Water |
| SDG Number | : | WC0067 |
| Data Deliverable | : | 15 Day/ Summary |

CASE NARRATIVE

I. Introduction

On May 6, 2015, twelve samples were received at TestAmerica (TARL). Upon receipt, the samples were assigned laboratory ID numbers to correspond with the CH2M specific IDs.

II. Sample Receipt

The sample was received in good condition and no anomalies were noted during check-in.

III. Analytical Results/Methodology

The analytical results for this report are presented by laboratory sample ID. Each set of data includes sample identification information, analytical results and the appropriate associated statistical errors.

The requested analyses were:

Chemical Analysis

Hexavalent Chromium by EPA method 7196A

Anions, Ion Chromatography by EPA method 300.0

IV. Quality Control

The analytical results for each analysis performed includes a minimum of one laboratory control sample (LCS), one method (reagent) blank, and one duplicate sample analysis. Any exceptions have been noted in the "Comments" section.

May 26, 2015

CH2M Hill Plateau Remediation Company

May 26, 2015

QC and sample results are reported in the same units.

V. Comments

Chemical Analysis

Hexavalent Chromium by EPA method 7196A

No analytical or quality issues were noted. The sample results and associated batch QC results are within contractual requirements.

Anions, Ion Chromatography by EPA method 300.0

The bromide peaks in batch 5126077 were manually integrated. No analytical or quality issues were noted. The sample results and associated batch QC results are within contractual requirements.

We certify that this data package is in compliance with the SOW, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this hard copy data package has been authorized by the Laboratory Analytical Manager (or designee) and the laboratory's client services representative as verified by their signatures on this report.

| | | | | | |
|---|---|--|----------------------------------|--|---|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-269 | PAGE 1 OF 1 |
| COLLECTOR <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, FBR-B Effluent, valve V25-Y40B1 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | SAF NO. F13-018 | | AIR QUALITY | <input type="checkbox"/> |
| ICE CHEST NO. N/A | FIELD LOGBOOK NO. HNF-N-451-5/132 | ACTUAL SAMPLE DEPTH (N/A) | COA 303110 | METHOD OF SHIPMENT GOVERNMENT VEHICLE | |
| SHIPPED TO TestAmerica Incorporated, Richland | OFFSITE PROPERTY NO. N/A | BILL OF LADING/AIR BILL NO. N/A | | | |

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|--|--|---------------------------|---|-------------------------|--------------------------|----------------|---|
| MATRIX* A=Air DL=Drum L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other | POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/TATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. | PRESERVATION Cool <=6C | HOLDING TIME 24 Hours | TYPE OF CONTAINER aG | NO. OF CONTAINER(S) 1 | VOLUME 60mL | SAMPLE ANALYSIS 7195 CR6: COMMON; |
| SPECIAL HANDLING AND/OR STORAGE N/A | SAMPLE DATE MAY 06 2015 | SAMPLE TIME 1237 | <p><i>SEE ABOVE</i></p> <p><i>WOODEN</i></p> <p><i>Due 5-21-15</i></p> <p><i>in bag</i></p> | | | | |



FILTER

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|--|-------------------------------|---|-------------------------------|---|--|
| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 1345 | RECEIVED BY/STORED IN <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 1345 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15- | |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 1445 | RECEIVED BY/STORED IN <i>1. Back</i> | DATE/TIME MAY 06 2015 1445 | 078 | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | TRVL-15- 018 | |
| 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 | | |
| FINAL SAMPLE DISPOSITION | DISPOSAL METHOD | | DISPOSED BY | | |

May 26, 2015

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|---|---|--|---|---|--|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | FL3-018-264 | PAGE 1 OF 1 |
| COLLECTOR <i>Chapac</i> <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, FBR-A Effluent, valve V25-Y40A1 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | FIELD LOGBOOK NO. <i>FINE-N-451-5/132</i> | SAF NO. FL3-018 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. <i>N/A</i> | ACTUAL SAMPLE DEPTH <i>(N/A)</i> | COA 303110 | BILL OF LADING/AIR BILL NO. <i>N/A</i> | ORIGINAL | |

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|--|---|----------------------------|--------------------------|-------------------------|--------------------------|----------------|---|
| 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. | PRESERVATION Cool <=6C | HOLDING TIME 24 Hours | TYPE OF CONTAINER ag | NO. OF CONTAINER(S) 1 | VOLUME 60mL | SAMPLE ANALYSIS 7195.C08: COMMON; |
| SPECIAL HANDLING AND/OR STORAGE N/A | | | | | | | |
| SAMPLE NO. 931CD2 | MATRIX* WATER | SAMPLE DATE MAY 06 2015 | SAMPLE TIME 1222 | | | | |

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metal

FILTER

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|--|--------------------------|---|--------------------------|--|-----------|
| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>L.D. Weil</i> | DATE/TIME MAY 06 2015 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Weil</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 | <i>TRVL-15-078</i> | |
| 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 |

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|---|---|--|---|---|--|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-282 | PAGE 1 OF 1 |
| COLLECTOR <i>Chapc</i> <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, Air-Strip Effluent, Valve V05-Y63 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | FIELD LOGBOOK NO. <i>F13-N-4515/132</i> | SAF NO. F13-018 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. <i>N/A</i> | ACTUAL SAMPLE DEPTH <i>(N/A)</i> | COA 303110 | BILL OF LADING/AIR BILL NO. <i>N/A</i> | ORIGINAL | |

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|--|---|---------------------------|
| MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Soil O=Oil S=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. | PRESERVATION Cool <=6C |
| | HOLDING TIME 24 Hours | |
| | TYPE OF CONTAINER aG | |
| | NO. OF CONTAINER(S) 1 | |
| | VOLUME 60mL | |
| | SAMPLE ANALYSIS 7196_C66; COMMON; | |
| SPECIAL HANDLING AND/OR STORAGE N/A | SAMPLE DATE MAY 06 2015 | SAMPLE TIME 1200 |

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WCOON
M604F

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| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 1345 | RECEIVED BY/STORED IN <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 1445 |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 1445 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 1445 |
| 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 | | DATE/TIME |
| FINAL SAMPLE DISPOSITION | DISPOSAL METHOD | | DATE/TIME |

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TRVL-15-078

SPECIAL INSTRUCTIONS
The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078

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|---|---|--|----------------------------------|--------------------------------------|--|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-283 | PAGE 1 OF 1 |
| COLLECTOR <i>Chazz</i> <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, Air-Strip Effluent; Valve V05-Y63 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | FIELD LOGBOOK NO. FINE-N-451-5/172 | SAF NO. F13-018 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. N/A | ACTUAL SAMPLE DEPTH (N/A) | OFFSITE PROPERTY NO. N/A | COA 303110 | BILL OF LADING/AIR BILL NO. N/A | |
| SHIPPED TO TestAmerica Incorporated, Richland | | | | | |

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|---|---------------------|-------------------------------------|
| MATRIX* | PRESERVATION | Cool <=6C |
| 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. | HOLDING TIME | 24 Hours |
| | TYPE OF CONTAINER | alG |
| | NO. OF CONTAINER(S) | 1 |
| | VOLUME | 60mL |
| SPECIAL HANDLING AND/OR STORAGE N/A | SAMPLE ANALYSIS | 7196.CRG: COMMON |
| SAMPLE NO. 831CH1 | SAMPLE DATE | MAY 06 2015 |
| MATRIX* | SAMPLE TIME | 1200 |
| WATER | | <input checked="" type="checkbox"/> |

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|--|-------------------------------|---|-------------------------------|--|--|
| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 1345 | RECEIVED BY/STORED IN <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 1345 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 1445 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 1445 | TRVL-15-078 | |
| 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 | |

May 26, 2015

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|---|---|--|------------------------------------|---|--|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-274 | PAGE 1 OF 1 |
| COLLECTOR <i>Chapac</i> <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, Effluent Tank, Valve V07-Y80D | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | SAF NO. F13-018 | COA 303110 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. N/A | FIELD LOGBOOK NO. HNF-N-491-5/133 | ACTUAL SAMPLE DEPTH (N/A) | BILL OF LADING/AIR BILL NO. N/A | | ORIGINAL |
| SHIPPED TO TestAmerica Incorporated, Richland | | | | | |

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|--|--|----------------------------|--------------------------|-------------------------|--------------------------|----------------|--|
| MATRIX* A=Air DL=Drum L=Liquids DS=Drum S=Solids O=Oil S=Soil SF=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other | 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. | PRESERVATION Cool <=6C | HOLDING TIME 24 Hours | TYPE OF CONTAINER aG | NO. OF CONTAINER(S) 1 | VOLUME 60ml | SAMPLE ANALYSIS 7196, CR6: COMMON; |
| SPECIAL HANDLING AND/OR STORAGE N/A | | | | | | | |
| SAMPLE NO. 931CF2 | MATRIX* WATER | SAMPLE DATE MAY 06 2015 | SAMPLE TIME 0837 | | | | |

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FILTER

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|--|-------------------------------|---|-------------------------------|--|--|
| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>B. Briggs</i> | DATE/TIME MAY 06 2015 1030 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM <i>B. Briggs</i> | DATE/TIME MAY 06 2015 1445 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 1445 | TRVL-15-078 | |
| 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 | | |
| FINAL SAMPLE DISPOSITION | DISPOSAL METHOD | | DISPOSED BY | | |

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May 26, 2015

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|---|---|--|------------------------------------|---|--|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | FL3-018-280 | PAGE 1 OF 1 |
| COLLECTOR <i>T Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, MBR Effluent, Valve V15-Y50 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | FIELD LOGBOOK NO. <i>491-5/132</i> | SAF NO. FL3-018 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. N/A | ACTUAL SAMPLE DEPTH (N/A) | COA 303110 | BILL OF LADING/AIR BILL NO. N/A | | |
| SHIPPED TO TestAmerica Incorporated, Richland | OFFSITE PROPERTY NO. N/A | | | | |

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| MATRIX* | PRESERVATION | Cool <=6C |
| A=Air | HOLDING TIME | 24 Hours |
| DL=Drum | TYPE OF CONTAINER | aG |
| Liquids | NO. OF CONTAINER(S) | 1 |
| DS=Drum | VOLUME | 60ml |
| Solids | SAMPLE ANALYSIS | 7196 CR6- COMMON; |
| L=Liquid | SAMPLE DATE | MAY 06 2015 |
| O=Oil | SAMPLE TIME | 1041 |
| S=Soil | | |
| SE=Sediment | | |
| T=Tissue | | |
| V=Vegetation | | |
| W=Water | | |
| WI=Wipe | | |
| X=Other | | |

*See below in
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| SPECIAL INSTRUCTIONS | | SIGN / PRINT NAMES | |
| Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | | RECEIVED BY/STORED IN <i>L.D. Wall</i> | |
| DATE/TIME MAY 06 2015 1158 | | DATE/TIME MAY 06 2015 1445 | |
| RECEIVED BY/STORED IN <i>J. Bock</i> | | DATE/TIME MAY 06 2015 1445 | |
| REINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME |
| REINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME |
| REINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME |
| REINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME |
| REINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME |
| LABORATORY SECTION | TITLE | | DATE/TIME |
| FINAL SAMPLE DISPOSITION | DISPOSED BY | | DATE/TIME |

TRVL-15-078

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|---|---|--|------------------------------------|---|--|
| CH2MHill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-279 | PAGE 1 OF 1 |
| COLLECTOR <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, MBR Effluent, Valve V15-Y50 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | FIELD LOGBOOK NO. HNF-N-491-5/13 | SAF NO. F13-018 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. N/A | ACTUAL SAMPLE DEPTH (N/A) | COA 303110 | BILL OF LADING/AIR BILL NO. N/A | ORIGINAL | |
| SHIPPED TO TestAmerica Incorporated, Richland | | | | | |

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|--------------|---------------------------------|----------------------|
| MATRIX* | PRESERVATION | Cool <=6C |
| A=Air | HOLDING TIME | 24 Hours |
| DL=Drum | TYPE OF CONTAINER | aG |
| Liquids | NO. OF CONTAINER(S) | 1 |
| DS=Drum | VOLUME | 50mL |
| Solids | SAMPLE ANALYSIS | 7195 CR6: COMMON; |
| O=Oil | SAMPLE DATE | MAY 06 2015 10 41 |
| C=Oil | SAMPLE TIME | 10 41 |
| S=Soil | SPECIAL HANDLING AND/OR STORAGE | N/A |
| SE=Sediment | | |
| T=Tissue | | |
| V=Vegetation | | |
| W=Water | | |
| WI=Wipe | | |
| X=Other | | |

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|--|-------------------------------|---|-------------------------------|---|--|
| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 1158 | RECEIVED BY/STORED IN <i>L.B. Wall</i> | DATE/TIME MAY 06 2015 1158 | The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM <i>L.B. Wall</i> | DATE/TIME MAY 06 2015 1445 | RECEIVED BY/STORED IN <i>J. Beck</i> | DATE/TIME MAY 06 2015 1445 | TRVL-15-078 | |
| 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 | | |
| FINAL SAMPLE DISPOSITION | DISPOSAL METHOD | | DISPOSED BY | | |

| | | | | | |
|--|---|--|----------------------------------|--|---|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | FI3-018-260 | PAGE 1 OF 1 |
| COLLECTOR <i>T Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, Influent Tank, Valve V04-Y30 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | SAF NO. FI3-018 | | AIR QUALITY | <input type="checkbox"/> |
| ICE CHEST NO. N/A | FIELD LOGBOOK NO. HNF-N-481-8/132 | ACTUAL SAMPLE DEPTH (N/A) | COA 303110 | METHOD OF SHIPMENT GOVERNMENT VEHICLE | |
| SHIPPED TO TestAmerica Incorporated, Richland | OFFSITE PROPERTY NO. N/A | BILL OF LADING/AIR BILL NO. N/A | | | |

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|---|---|---------------------------|--------------------------|-------------------------|--------------------------|----------------|---|----------------------------|---------------------|-------------------------------------|
| MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Soil O=Oil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other | POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/HATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. | PRESERVATION Cool <=6C | HOLDING TIME 24 Hours | TYPE OF CONTAINER aG | NO. OF CONTAINER(S) 1 | VOLUME 60mL | SAMPLE ANALYSIS 7196.CRG: COMMON; | SAMPLE DATE MAY 06 2015 | SAMPLE TIME 1050 | <input checked="" type="checkbox"/> |
| SPECIAL HANDLING AND/OR STORAGE N/A | | | | | | | | | | |

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| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T Bacon</i> | DATE/TIME MAY 06 2015 1158 | RECEIVED BY/STORED IN <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15- | |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 1445 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 1445 | 078 | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | TRVL-15- 010 | |
| 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 | | |
| FINAL SAMPLE DISPOSITION | DISPOSAL METHOD | | DISPOSED BY | | |
| PRINTED ON 4/30/2015 | | | DATE/TIME | | |

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|---|---|--|----------------------------------|--|---|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-270 | PAGE 1 OF 1 |
| COLLECTOR <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, FBR-B Effluent, valve V25-Y40B1 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | SAF NO. F13-018 | | AIR QUALITY | <input type="checkbox"/> |
| ICE CHEST NO. N/A | FIELD LOGBOOK NO. 451-5/132 | ACTUAL SAMPLE DEPTH (N/A) | COA 303110 | METHOD OF SHIPMENT GOVERNMENT VEHICLE | |
| SHIPPED TO TestAmerica Incorporated, Richland | OFFSITE PROPERTY NO. N/A | BILL OF LADING/AIR BILL NO. N/A | | | |

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| MATRIX* | PRESERVATION | Cool <=6C |
| A=Air | HOLDING TIME | 48 Hours |
| DL=Drum | TYPE OF CONTAINER | P |
| Liquids | NO. OF CONTAINER(S) | 1 |
| DS=Drum | VOLUME | 500mL |
| Solids | SAMPLE ANALYSIS | SEE ITEM (*) IN SPECIAL INSTRUCTIONS |
| L=Liquid | SAMPLE DATE | MAY 06 2015 |
| O=Oil | SAMPLE TIME | 1237 |
| S=Soil | | |
| SE=Sediment | | |
| T=Tissue | | |
| V=Vegetation | | |
| W=Water | | |
| WI=Wipe | | |
| X=Other | | |

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|--|--------------------------|---|--------------------------|--|--|
| CHAIN OF POSSESSION | | SIGN / PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>J. Bock, TARMAY</i> | DATE/TIME MAY 06 2015 | (1) 300.0 ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0 ANIONS_IC: COMMON (Add on) {Phosphorus in phosphate}; | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | TRVL-15-078 | |
| 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 | |

May 26, 2015

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|--|---|---|----------------------------------|---|--|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-261 | PAGE 1 OF 1 |
| COLLECTOR <i>T. Bacon</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, Influent Tank, Valve V04-Y30 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | FIELD LOGBOOK NO. <i>HNF-N-4515/32</i> | SAF NO. F13-018 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. N/A | ACTUAL SAMPLE DEPTH (N/A) | COA 303110 | ORIGINAL | | |
| SHIPPED TO TestAmerica Incorporated, Richland | OFFSITE PROPERTY NO. N/A | BILL OF LADING/AIR BILL NO. N/A | | | |

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|--|---|----------------------------|--------------------------|---|--------------------------|-----------------|---|
| MATRIX* A=Air DL=Drum 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. | PRESERVATION Cool <=6C | HOLDING TIME 48 Hours | TYPE OF CONTAINER P | NO. OF CONTAINER(S) 1 | VOLUME 500ml | SAMPLE ANALYSIS SEE ITEM (1) IN SPECIAL INSTRUCTIONS |
| SPECIAL HANDLING AND/OR STORAGE N/A | | | | | | | |
| SAMPLE NO. 331CC9 | MATRIX* WATER | SAMPLE DATE MAY 06 2015 | SAMPLE TIME 1650 | <p style="text-align: center;"><i>JSE06041N</i> <i>we0604N</i> <i>ml0604N</i></p> | | | |

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|--|--------------------------|---|--------------------------|--|-----------|
| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Bacon</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Phosphorus in phosphate}; | |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 | | |
| 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 | TRVL-15-078 | |
| 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 |

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|---|---|--|---|--------------------------------------|--|
| CH2M-Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-265 | PAGE 1 OF 1 |
| COLLECTOR <i>Churec</i> <i>T. Breen</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, FBR-A Effluent, valve V25-Y40A1 | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | SAF NO. F13-018 | COA 303110 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. <i>N/A</i> | FIELD LOGBOOK NO. <i>HNF-N-451-5/1122</i> | ACTUAL SAMPLE DEPTH <i>(N/A)</i> | BILL OF LADING/AIR BILL NO. <i>N/A</i> | ORIGINAL | |
| SHIPPED TO TestAmerica Incorporated, Richland | OFFSITE PROPERTY NO. <i>N/A</i> | | | | |

| MATRIX* | POSSIBLE SAMPLE HAZARDS/ REMARKS | PRESERVATION | HOLDING TIME | TYPE OF CONTAINER | NO. OF CONTAINER(S) | VOLUME | SAMPLE ANALYSIS |
|--|--|----------------------------|---------------------|-------------------|---------------------|--------|--------------------------------------|
| A=Air DL=Drum L=Liquid S=Soil SE=Settlement T=Tissue V=Vegetation W=Water WI=Wipe X=Other | *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. | Cool <=6C | 48 Hours | P | 1 | 500ml | SEE ITEM (C) IN SPECIAL INSTRUCTIONS |
| SAMPLE NO. #31CD3 | MATRIX* WATER | SAMPLE DATE MAY 06 2015 | SAMPLE TIME 1227 | | | | |

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| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Breen</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM <i>L.D. Wall</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 | (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Phosphorus in phosphate}; | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | TRVL-15-078 | |
| 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 | |

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|---|---|--|------------------------------------|---|--|
| CH2MHill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | F13-018-275 | PAGE 1 OF 1 |
| COLLECTOR <i>Chick</i> <i>T. Baker</i> | COMPANY CONTACT SUMNER, LC | TELEPHONE NO. 376-3922 | PROJECT COORDINATOR EVANS, RT | PRICE CODE 7C | DATA TURNAROUND 15 Days / 15 Days |
| SAMPLING LOCATION 289-T, Effluent Tank, Valve V07-Y80D | PROJECT DESIGNATION 200W Pump & Treat - FBR Micronutrient Analysis - Water | SAF NO. F13-018 | COA 303110 | AIR QUALITY <input type="checkbox"/> | METHOD OF SHIPMENT GOVERNMENT VEHICLE |
| ICE CHEST NO. N/A | FIELD LOGBOOK NO. HNF-N-491-5/1/12 | ACTUAL SAMPLE DEPTH (N/A) | BILL OF LADING/AIR BILL NO. N/A | | |
| SHIPPED TO TestAmerica Incorporated, Richland | | | | | |

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|--------------|---------------------|--------------------------------------|
| MATRIX* | PRESERVATION | COOL <=6C |
| DL=Drum | HOLDING TIME | 48 Hours |
| L=Liquid | TYPE OF CONTAINER | P |
| O=Oil | NO. OF CONTAINER(S) | 1 |
| S=Soil | VOLUME | 500ml |
| SE=Sediment | SAMPLE ANALYSIS | SEE ITEM (1) IN SPECIAL INSTRUCTIONS |
| T=Tissue | SAMPLE DATE | MAY 06 2015 |
| V=Vegetation | SAMPLE TIME | 0835 |
| W=Water | | |
| WF=Wipe | | |
| X=Other | | |

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| CHAIN OF POSSESSION | | SIGN/ PRINT NAMES | | SPECIAL INSTRUCTIONS | |
| RELINQUISHED BY/REMOVED FROM <i>T. Baker</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>B. Briggs</i> | DATE/TIME MAY 06 2015 | Filtering shall be performed by SGRP Field Sampling Services using a (0.45µm) filter while in the field. The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM <i>B.E. Briggs</i> | DATE/TIME MAY 06 2015 | RECEIVED BY/STORED IN <i>J. Bock</i> | DATE/TIME MAY 06 2015 | (1) 300.0_ANTONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANTONS_IC: COMMON (Add-on) {Phosphorus in phosphate}; | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | TRVL-15-078 | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | TITLE | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | DISPOSED BY | |
| RELINQUISHED BY/REMOVED FROM | DATE/TIME | RECEIVED BY/STORED IN | DATE/TIME | DATE/TIME | |
| LABORATORY SECTION | RECEIVED BY | TITLE | | DATE/TIME | |
| FINAL SAMPLE DISPOSITION | DISPOSAL METHOD | DISPOSED BY | | DATE/TIME | |

Date/Time Received: 5-6-15/1445 Container GM Screen Result: (Airlock) 20 cpm Initials B
Sample GM Screen Result (Sample Receiving) 20 cpm Initials B

Client: FLH SDG #: WCC0067 SAF #: F13-018 NA []

Lot Number: J5E060417

Chain of Custody # F13-018 269, 264, 282, 283, 274, 280, 279, 260, 270, 261, 265, 275

Shipping Container ID or Air Bill Number: _____ NA B]

Samples received inside shipping container/cooler/box Yes B] Continue with 1 through 4. Initial appropriate response.
No []] Go to 5, add comment to #16.

- 1. Custody Seals on shipping container intact? Yes [] No [] No Custody Seal B]
- 2. Custody Seals dated and signed? Yes [] No [] No Custody Seal B]
- 3. Cooler temperature: 4.3 °C Ice NA []
- 4. Vermiculite/packing materials is NA B] Wet [] Dry []

Item 5 through 16 for samples. Initial appropriate response.

- 5. Chain of Custody record present? Yes B] No []
- 6. Number of samples received (Each sample may contain multiple bottles): 12
- 7. Containers received: 8 x 60mL AB, 4 x 500mL P

- 8. Sample holding times exceeded? NA [] Yes [] No B]
- 9. Samples have: _____ tape _____ hazard labels B custody seals B appropriate sample labels
- 10. Matrix: _____ A (FLT, Wipe, Solid, Soil) B I (Water) _____ S (Air, Niosh 7400) _____ T (Biological, Ni-63)

11. Samples: B are in good condition _____ are leaking _____ are broken
_____ have air bubbles (Only for samples requiring no head space) _____ Other _____

- 12. Sample pH appropriate for analysis requested Yes B] No [] NA []
(If acidification is necessary go to pH area & document sample ID, initial pH, amount of HNO₃ added and pH after addition on table)
- 13. Were any anomalies identified in sample receipt? Yes [] No B]
- 14. Description of anomalies (include sample numbers): NA B]

15. Sample Location, Sample Collector Listed on COC? * Yes B] No []
*For documentation only. No corrective action needed.

16. Additional Information: N/A

[] Client/Courier denied temperature check. B] Client/Courier unpack cooler.

Sample Check-in List completed by Sample Custodian:
Signature: Juanita B... Date: 5-6-15

Client Notification needed? Yes [] No IMP Date: _____
By: _____
Person contacted: _____

WME No action necessary; process as is
Project Manager: Whitney M. Letari Date: 5/7/15

May 26, 2015

Sample Results Summary

Date: 26-May-15

TestAmerica Inc TARL

Ordered by Method, Batch No., Client Sample ID.

Report No. : 65845

SDG No: WC0067

| Batch Client ID | Date Sampled | Work Order No. | Parameter | Result | Qual | Units | MDL | RL | Date Analyzed | Dil Fct | | | |
|---------------------------------------|----------------|----------------|--------------|----------------|----------|--------------|---------|-------|----------------|---------|-------|----------------|---|
| 5126076 7196_CR6 ,WATER | | | | | | | | | | | | | |
| B31CC8 | 05/06/15 10:50 | M6Q4L1AA | HEXCHROME | 0.0237 | | mg/L | 0.0015 | 0.004 | 05/06/15 17:53 | 1 | | | |
| B31CD2 | 05/06/15 12:27 | M6Q4E1AA | HEXCHROME | <0.00150 | B | mg/L | 0.0015 | 0.004 | 05/06/15 17:48 | 1 | | | |
| B31CD7 | 05/06/15 12:37 | M6Q4D1AA | HEXCHROME | 0.0183 | | mg/L | 0.0015 | 0.004 | 05/06/15 17:48 | 1 | | | |
| B31CF2 | 05/06/15 8:35 | M6Q4H1AA | HEXCHROME | <0.00150 | U | mg/L | 0.0015 | 0.004 | 05/06/15 17:52 | 1 | | | |
| B31CF7 | 05/06/15 10:41 | M6Q4K1AA | HEXCHROME | 0.00260 | B | mg/L | 0.0015 | 0.004 | 05/06/15 17:53 | 1 | | | |
| B31CF8 | 05/06/15 10:41 | M6Q4J1AA | HEXCHROME | 0.00300 | B | mg/L | 0.0015 | 0.004 | 05/06/15 17:52 | 1 | | | |
| B31CH0 | 05/06/15 12:00 | M6Q4F1AA | HEXCHROME | <0.00150 | B | mg/L | 0.0015 | 0.004 | 05/06/15 17:52 | 1 | | | |
| B31CH1 | 05/06/15 12:00 | M6Q4G1AA | HEXCHROME | 0.00200 | B | mg/L | 0.0015 | 0.004 | 05/06/15 17:52 | 1 | | | |
| 5126077 300.0_ANIONS_IC ,WATER | | | | | | | | | | | | | |
| B31CC9 | 05/06/15 10:50 | M6Q4N1AA | Chloride | 25.7 | D | mg/L | 0.2 | 0.4 | 05/06/15 20:51 | 2 | | | |
| | | | Fluoride | 0.345 | D | mg/L | 0.05 | 0.1 | | 2 | | | |
| | | | Nitrite as N | <0.0380 | U D | mg/L | 0.038 | 0.076 | | 2 | | | |
| | | | B31CD3 | 05/06/15 12:27 | M6Q4P1AA | Nitrate as N | 25.3 | D | mg/L | 0.07 | 0.14 | 05/07/15 1:22 | 5 |
| | | | | | | PO4_P | <0.0820 | U D | mg/L | 0.082 | 0.163 | 05/06/15 20:51 | 2 |
| | | | | | | Sulfate | 46.6 | D | mg/L | 0.25 | 0.5 | 2 | |
| B31CD8 | 05/06/15 12:37 | M6Q4M1AA | Chloride | 26.4 | D | mg/L | 0.2 | 0.4 | 05/06/15 21:06 | 2 | | | |
| | | | Fluoride | 0.358 | D | mg/L | 0.05 | 0.1 | | 2 | | | |
| | | | Nitrite as N | 0.696 | D | mg/L | 0.038 | 0.076 | | 2 | | | |
| | | | Nitrate as N | 0.470 | D | mg/L | 0.028 | 0.056 | | 2 | | | |
| | | | PO4_P | 0.362 | D | mg/L | 0.082 | 0.163 | | 2 | | | |
| | | | Sulfate | 51.0 | D | mg/L | 0.25 | 0.5 | | 2 | | | |
| B31CF3 | 05/06/15 8:35 | M6Q4Q1AA | Chloride | 26.2 | D | mg/L | 0.2 | 0.4 | 05/06/15 20:36 | 2 | | | |
| | | | Fluoride | 0.343 | D | mg/L | 0.05 | 0.1 | | 2 | | | |
| | | | Nitrite as N | 6.74 | D | mg/L | 0.038 | 0.076 | | 2 | | | |
| | | | Nitrate as N | 0.737 | D | mg/L | 0.028 | 0.056 | | 2 | | | |
| | | | PO4_P | 0.451 | D | mg/L | 0.082 | 0.163 | | 2 | | | |
| | | | Sulfate | 50.4 | D | mg/L | 0.25 | 0.5 | | 2 | | | |
| B31CF3 | 05/06/15 8:35 | M6Q4Q1AA | Chloride | 45.2 | D | mg/L | 0.2 | 0.4 | 05/06/15 21:51 | 2 | | | |
| | | | Fluoride | 0.346 | D | mg/L | 0.05 | 0.1 | | 2 | | | |
| | | | Nitrite as N | 0.349 | D | mg/L | 0.038 | 0.076 | | 2 | | | |
| | | | Nitrate as N | 6.04 | D | mg/L | 0.028 | 0.056 | | 2 | | | |
| | | | PO4_P | 0.262 | D | mg/L | 0.082 | 0.163 | | 2 | | | |
| | | | Sulfate | 93.0 | D | mg/L | 0.25 | 0.5 | | 2 | | | |

No. of Results: 32

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B Qual - The analyte was detected at a value less than the reporting limit (RL), but greater than or equal to the MDL.
U Qual - Analyzed for but not detected above limiting criteria, Mdc/Mda/Mdl, Total Uncert, RDL or not identified by gamma scan software.
D Qual - The reported value is from a dilution

May 26, 2015

QC Results Summary
TestAmerica Inc TARL
Ordered by Method, Batch No, QC Type,.

Date: 26-May-15

Report No. : 65845

SDG No.: WC0068

Table with columns: Batch, Work Work No., Parameter, Result, Qual, Units, LCS Recovery, MDL, RL, RPD, Dil Fct. Rows include data for batches 7196_CR6 and 300.0_ANIONS_IC.

No. of Results: 31

TestAmerica Inc rptTALRchQcSummaryC V5.3.6.8 A2002
B Qual - The analyte was detected at a value less than the reporting limit (RL), but greater than or equal to the MDL.
D Qual - The reported value is from a dilution
U Qual - Analyzed for but not detected above limiting criteria, Mdc/Mda/Mdl, Total Uncert, RDL or not identified by gamma scan software.