

July 22, 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 40 Pages

Report No.: 66559

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.
WC0127	F13-002	B31V06	J5G070435-5	M67QA1AA	M67QA1AA	5188076
		B31V07	J5G070435-16	M67QT1AA	M67QT1AA	5189030
		B31V07 DUP	J5G070435-16	M67QT1AD	M67QT1AD	5189030
		B31V12	J5G070435-4	M67P91AA	M67P91AA	5188076
		B31V13	J5G070435-17	M67QV1AA	M67QV1AA	5189030
		B31V18	J5G070435-3	M67P61AA	M67P61AA	5188076
		B31V19	J5G070435-18	M67QW1AA	M67QW1AA	5189030
		B31V24	J5G070435-1	M67P41AA	M67P41AA	5188076
		B31V25	J5G070435-20	M67Q01AA	M67Q01AA	5189030
		B31V31	J5G070435-2	M67P51AA	M67P51AA	5188076
	F13-002	B31V32	J5G070435-19	M67QX1AA	M67QX1AA	5189030
		B31V37	J5G070435-8	M67QE1AA	M67QE1AA	5188076
		B31V38	J5G070435-25	M67Q51AA	M67Q51AA	5189029
		B31V38 DUP	J5G070435-25	M67Q51AD	M67Q51AD	5189029
		B31V43	J5G070435-9	M67QH1AA	M67QH1AA	5188076
		B31V44	J5G070435-24	M67Q41AA	M67Q41AA	5189030
		B31V49	J5G070435-14	M67QQ1AA	M67QQ1AA	5188076
		B31V50	J5G070435-28	M67Q81AA	M67Q81AA	5189029
		B31V55	J5G070435-12	M67QN1AA	M67QN1AA	5188076
		B31V56	J5G070435-21	M67Q11AA	M67Q11AA	5189030
	F13-002	B31V61	J5G070435-10	M67QJ1AA	M67QJ1AA	5188076
		B31V62	J5G070435-23	M67Q31AA	M67Q31AA	5189030
		B31V67	J5G070435-6	M67QC1AA	M67QC1AA	5188076
		B31V68	J5G070435-27	M67Q71AA	M67Q71AA	5189029
		B31V73	J5G070435-7	M67QD1AA	M67QD1AA	5188076
B31V74		J5G070435-26	M67Q61AA	M67Q61AA	5189029	

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Report No.: 66559

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.
WC0127	F13-002	B31V79	J5G070435-15	M67QR1AA	M67QR1AA	5188076
		B31V80	J5G070435-29	M67RA1AA	M67RA1AA	5189029
		B31V86	J5G070435-13	M67QP1AA	M67QP1AA	5188076
		B31V87	J5G070435-30	M67RC1AA	M67RC1AA	5189029
	F13-002	B31V92	J5G070435-11	M67QM1AA	M67QM1AA	5188076
		B31V93	J5G070435-22	M67Q21AA	M67Q21AA	5189030
WC0129	F14-003	B31D77 DUP	J5G070437-1	M67RD1AC	M67RD1AC	5188076

Sample Date: 7/7/2015

Receipt Date: 7/7/2015

Data Deliverable: 7/22/2015

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: 2015.07.22 16:43:44
-07'00'

Project Manager

July 22, 2015



Certificate of Analysis

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

July 22, 2015

Attention: Scot Fitzgerald

SAF Number	:	F13-002
Date SDG Closed	:	July 7, 2015
Number of Samples	:	Thirty (30)
Sample Type	:	Water
SDG Number	:	WC0127
Data Deliverable	:	15- Day/ Summary

CASE NARRATIVE

I. Introduction

On July 7, 2015, thirty 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 samples were 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.

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The sample/ sample duplicate RPD agreement is not applicable if one or both results are less than five times the MDL.

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

Samples B31V25, B31V32, B31V56, B31V62, B31V44 and B31V07 Bromide peaks were manually integrated.

Samples B31V56, B31V62, and B31V44 original batches were analyzed within hold time, but higher dilutions were needed for Nitrate and the rerun batches were outside of hold.

No other 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.

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J5G070435
W60127

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1128	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TB, 299-W12-4, Valve V03-YE19	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	COA 303111	BILL OF LADING/AIR BILL (N/A)	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)				



MATRIX* A=Air DL=Drum L=Liquid DS=Drum 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 be regulated for transportation per 49 CFR/DATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	COOL-4C
PRESERVATION	24 Hours	
HOLDING TIME	ag	
TYPE OF CONTAINER	1	
NO. OF CONTAINER(S)	60mL	
VOLUME	7196.066: COMMON	
SAMPLE ANALYSIS		
SPECIAL HANDLING AND/OR STORAGE N/A		
SAMPLE NO. B31V24	MATRIX* WATER	SAMPLE DATE JUL 07 2015
		SAMPLE TIME 0955
		✓

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SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	RECEIVED BY/STORED IN F.M. HALLICHRP	JUL 07 2015 1445	JUL 07 2015 1445
RELINQUISHED BY/REMOVED FROM F.M. HALLICHRP	RECEIVED BY/STORED IN J. FRIESZ-TARL	JUL 07 2015 1445	JUL 07 2015 1445
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME

TITLE

DATE/TIME

DISPOSED BY

DATE/TIME

July 22, 2015

J56070435
WCO127

M67P5

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		PAGE 1 OF 1	
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TB, 299-W14-22, Valve V03-YE20	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-491 9	SAF NO. F13-002	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 303111	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	BILL OF LADING/AIR BILL NO. (N/A)				

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 be regulated for transportation per 49 CFR/DATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION Cool-dc	HOLDING TIME 24 Hours	TYPE OF CONTAINER aG	NO. OF CONTAINER(S) 1	VOLUME 60ml	SAMPLE ANALYSIS 7196.C16: COMMON;
SAMPLE NO. 831V31	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 0940	DATE/TIME JUL 07 2015 1010			

CHAIN OF POSSESSION		SIGN / PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	DATE/TIME JUL 07 2015 1010	RECEIVED BY/STORED IN F.M. HAWCHPRC	DATE/TIME JUL 07 2015 1010	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. HAWCHPRC	DATE/TIME JUL 07 2015 1445	RECEIVED BY/STORED IN J. Friesz, TARA	DATE/TIME JUL 07 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	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

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WCO122

m67P6

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		PAGE 1 OF 1	
COLLECTOR: CHRIS FULTON CHPRC		COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C
SAMPLING LOCATION 289TB, 299-W12-3, Valve V03-YE18		PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling		SAF NO. F13-002	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO. (N/A)		FIELD LOGBOOK NO. HNF-N-4919	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO TestAmerica Incorporated, Richland		OFFSITE PROPERTY NO. (N/A)		BILL OF LADING/AIR BILL NO. (N/A)	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	COOL-AC
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	*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/DATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	HOLDING TIME 24 Hours	
		TYPE OF CONTAINER ag	
		NO. OF CONTAINER(S) 1	
		VOLUME 60ml	
		SAMPLE ANALYSIS 7196 CR6; COMMON;	
SAMPLE NO. 0331V18	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 0925

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	DATE/TIME JUL 07 2015 1010	RECEIVED BY/STORED IN F.M. HaidichPRC	DATE/TIME JUL 07 2015 1010	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. HaidichPRC	DATE/TIME JUL 07 2015 1445	RECEIVED BY/STORED IN J. Friesz, PARC	DATE/TIME JUL 07 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	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

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WCO127

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1116	PAGE 1 OF 1
COLLECTOR	CHRIS FULTON CHPRC	COMPANY CONTACT	SUMNER, LC	TELEPHONE NO.	376-3922
SAMPLING LOCATION	289TB, 299-W5-1, Valve V03-YE17	PROJECT DESIGNATION	200W Pump & Treat - Extraction Well Water Sampling		
ICE CHEST NO.	(N/A)	FIELD LOGBOOK NO.	HNF-N-4919		
SHIPPED TO	TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	(N/A)		
MATRIX*	A=Air DL=Drum L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	PRESERVATION	Cool-dry		
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.	HOLDING TIME	24 Hours		
SPECIAL HANDLING AND/OR STORAGE	N/A	TYPE OF CONTAINER	aG		
		NO. OF CONTAINER(S)	1		
		VOLUME	60mL		
		SAMPLE ANALYSIS	7196 CR6: COMMON;		
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
8531V12	WATER	JUL 07 2015	0910	✓	

PROJECT COORDINATOR
EVANS, RT
SAF NO.
F13-002
COA
303111
METHOD OF SHIPMENT
GOVERNMENT VEHICLE
ORIGINAL

ACTUAL SAMPLE DEPTH
(N/A)

BILL OF LADING/AIR BILL NO.
(N/A)

CHAIN OF POSSESSION		SIGN / PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
CHRIS FULTON	JUL 07 2015	F.M. HAICHPRC	JUL 07 2015		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
F.M. HAICHPRC	JUL 07 2015	J. PRESZ, TARR	JUL 07 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		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

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J5G070455
WCO127

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		PAGE 1 OF 1	
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TB, 299-W12-2, Valve V03-YE05	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	BILL OF LADING/AIR BILL NO. (N/A)		
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)				

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS	SAMPLE DATE	SAMPLE TIME	DATE/TIME
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/DATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	Cool-4C	24 Hours	ag	1	60ml	7195, C86; COMMON;	JUL 07 2015	0852	JUL 07 2015 1010
SPECIAL HANDLING AND/OR STORAGE N/A										

m67QA

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	DATE/TIME JUL 07 2015 1010	RECEIVED BY/STORED IN F.M. HALL/CHPRC	DATE/TIME JUL 07 2015 1010	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. HALL/CHPRC	DATE/TIME JUL 07 2015 1445	RECEIVED BY/STORED IN J. FRESZ, TARK	DATE/TIME JUL 07 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	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

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J56070435
wcor27

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1171	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W17-3, Valve V03-YE09	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE		ORIGINAL
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

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	PRESCRIPTION Cool-4C	HOLDING TIME 24 Hours	TYPE OF CONTAINER aG	NO. OF CONTAINER(S) 1	VOLUME 60ml	SAMPLE ANALYSIS 7195 CR6; COMMON;
POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.						
SPECIAL HANDLING AND/OR STORAGE N/A						
SAMPLE NO. 8B31V67	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1150			

m67qc

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
CHRIS FULTON CHPRC	JUL 07 2015	F.M. HAIKCHPRC	JUL 07 2015		
F.M. HAIKCHPRC	JUL 07 2015 1445	J. Friesz, TARL	JUL 07 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	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

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J5G070435
wconr

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1177	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 2897C, 299-W17-2, Valve V03-YE10	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4019	SAF NO. F13-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX* A=Air DL=Drum L=Liquids DS=Drum S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	PRESERVATION Cool/d-4C	HOLDING TIME 24 Hours	TYPE OF CONTAINER ag	NO. OF CONTAINER(S) 1	VOLUME 60mL	SAMPLE ANALYSIS 7196 CR5: COMMON
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.						
SPECIAL HANDLING AND/OR STORAGE N/A						
SAMPLE NO. B31V73	WATER	MATRIX*	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1135		
						m67QD

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
CHRIS FULTON CHPRC	JUL 07 2015	F.M. Hall/CHPRC	JUL 07 2015		
F.M. Hall/CHPRC	JUL 07 2015 1445	J. Friesz, TARI	JUL 07 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		
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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July 22, 2015

J56070435
WCO127

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FL3-002-1141	PAGE 1 OF 1
COLLECTOR	CHRIS FULTON CHPRC	COMPANY CONTACT	SUMNER, LC	TELEPHONE NO.	376-3922
SAMPLING LOCATION	289TC, 299-W15-225, Valve V03-YE01	PROJECT DESIGNATION	200W Pump & Treat - Extraction Well Water Sampling		
ICE CHEST NO.	(N/A)	FIELD LOGBOOK NO.	HNF-N-4919	ACTUAL SAMPLE DEPTH	(N/A)
SHIPPED TO	TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	(N/A)	PROJECT COORDINATOR	EVANS, RT
MATRIX*	A=Air DL=Drum L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	PRESERVATION	Cool, HC	SAF NO.	FL3-002
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	COA	303111
SPECIAL HANDLING AND/OR STORAGE	N/A	TYPE OF CONTAINER	ag	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
SAMPLE NO.	WATER	NO. OF CONTAINER(S)	1	BILL OF LADING/AIR BILL NO.	(N/A)
		VOLUME	60ml		
		SAMPLE ANALYSIS	7195.ORG: COMMON:		
		SAMPLE DATE	JUL 07 2015		
		SAMPLE TIME	1122		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	RECEIVED BY/STORED IN F.M. HAWCHPRC	DATE/TIME JUL 07 2015
RELINQUISHED BY/REMOVED FROM F.M. HAWCHPRC	RECEIVED BY/STORED IN J. Friesz, TARK	DATE/TIME JUL 07 2015 1445
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
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 6/19/2015		FRS ID = FSR1251	
		TRVL NUM = TRVL-15-110	
		A-6003-618 (REV 2)	

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST		F13-002-1147	PAGE 1 OF 1
COLLECTOR	CHRIS FULTON CHPRC	COMPANY CONTACT	SUMNER, LC	PROJECT COORDINATOR	EVANS, RT
SAMPLING LOCATION	289TC, 299-W14-20, Valve V03-YE02	PROJECT DESIGNATION	200W Pump & Treat - Extraction Well Water Sampling	SAF NO.	F13-002
ICE CHEST NO.	(N/A)	FIELD LOGBOOK NO.	HNF-N-491 91	ACTUAL SAMPLE DEPTH	(N/A)
SHIPPED TO	TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	(N/A)	COA	303111
<p>MATRIX*</p> <p>A=Air DL=Drum L=Liquid DS=Drum S=Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other</p>		<p>PRESERVATION</p> <p>Cool/4C</p>		<p>PRICE CODE</p> <p>7C</p>	
<p>POSSIBLE SAMPLE HAZARDS/ REMARKS</p> <p>*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.</p>		<p>HOLDING TIME</p> <p>24 Hours</p>		<p>AIR QUALITY</p> <p><input type="checkbox"/></p> <p>15 Days / 15 Days</p>	
<p>SPECIAL HANDLING AND/OR STORAGE</p> <p>N/A</p>		<p>TYPE OF CONTAINER</p> <p>ag</p>		<p>METHOD OF SHIPMENT</p> <p>GOVERNMENT VEHICLE</p>	
<p>NO. OF CONTAINER(S)</p> <p>1</p>		<p>VOLUME</p> <p>60ml</p>		<p>DATA</p> <p>TURNAROUND</p>	
<p>SAMPLE ANALYSIS</p> <p>7196_C86: COMMON</p>		<p>SAMPLE DATE</p> <p>JUL 07 2015</p>		<p>DATE</p> <p>1205 **</p>	
<p>SAMPLE NO.</p> <p>B31V43</p>		<p>SAMPLE TIME</p> <p>1110</p>		<p>DATE/TIME</p> <p>JUL 07 2015</p>	

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CHAIN OF POSSESSION		SIGN / PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY / REMOVED FROM	CHRIS FULTON CHPRC	RECEIVED BY / STORED IN	F.M. HUBCHPRC	DATE/TIME	JUL 07 2015
RELINQUISHED BY / REMOVED FROM	CHRIS FULTON CHPRC	RECEIVED BY / STORED IN	J. Friesz, TARB	DATE/TIME	JUL 07 2015 1445
RELINQUISHED BY / REMOVED FROM	CHRIS FULTON CHPRC	RECEIVED BY / STORED IN		DATE/TIME	JUL 07 2015 1445
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	
RELINQUISHED BY / REMOVED FROM		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		FL3-002-1165	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CH:PRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W11-90, Valve V03-YE07	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. FL3-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING / AIR BILL NO. (N/A)			

MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	PRESERVATION Cool-to-4C	HOLDING TIME 24 Hours	TYPE OF CONTAINER ag	NO. OF CONTAINER(S) 1	VOLUME 60ml	SAMPLE ANALYSIS 7196 CR6; COMMON
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 N/A						
SAMPLE NO. B31V61	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1057			

m6705

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CH:PRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN F.M. Haim/CHPRC	DATE/TIME JUL 07 2015	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. Haim/CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN J. Friesz, TARL	DATE/TIME JUL 07 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		
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 6/19/2015		FSR ID = FSR1234		TRVL NUM = TRVL-15-110	
				A-6003-618 (REV 2)	

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1196	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 2897C, 299-W11-92, Valve V03-YE16	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. INF-N-4919	SAF NO. F13-002	AIR QUALITY	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	BILL OF LADING/AIR BILL NO. (N/A)	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland					

PRESERVATION	COOLING
HOLDING TIME	24 Hours
TYPE OF CONTAINER	ag
NO. OF CONTAINER(S)	1
VOLUME	60ml
SAMPLE ANALYSIS	7196, C16; COMMON

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CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	RECEIVED BY/STORED IN F.M. HAMBCHPRC	* The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110
DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015	
RELINQUISHED BY/REMOVED FROM F.M. HAMBCHPRC	RECEIVED BY/STORED IN J. FRIESZ, TARP	
DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
LABORATORY SECTION	RECEIVED BY	TITLE
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1159	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W11-50, Valve V03-YE06	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	BILL OF LADING/AIR BILL NO. (N/A)		
SHIPPED TO TestAmerica Incorporated, Richland					

MATRIX*	PRESERVATION	COOL-TOC
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=SOL SE=Sediment T=Tissue V=Vegetation W=Water WL=Wipe X=Other	HOLDING TIME 24 Hours	
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.	TYPE OF CONTAINER aG	
SPECIAL HANDLING AND/OR STORAGE N/A	NO. OF CONTAINER(S) 1	
	VOLUME 60mL	
	SAMPLE ANALYSIS	7196_LR6: COMMON;
SAMPLE NO. B31V55	MATRIX* WATER	
	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1030

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CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN F.M. HARRICHPRC	DATE/TIME JUL 07 2015	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. HARRICHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN J. Friesz, TARR	DATE/TIME JUL 07 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		
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 6/19/2015		FSR ID = FSR1233		TRVL NUM = TRVL-15-110	
				A-6003-618 (REV 2)	

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FL3-002-1190	PAGE 1 OF 1
COLLECTOR	CHRIS FULTON CHPRC	COMPANY CONTACT	SUMNER, LC	TELEPHONE NO.	376-3922
SAMPLING LOCATION	289TC, 299-W14-21, Valve V03-YE15	PROJECT DESIGNATION	200W Pump & Treat - Extraction Well Water Sampling		
ICE CHEST NO.	(N/A)	FIELD LOGBOOK NO.	HNF-N-4919	ACTUAL SAMPLE DEPTH	(N/A)
SHIPPED TO	TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	(N/A)	COA	303111
				BILL OF LADING/AIR BILL NO.	(N/A)

MATRIX*	A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WF=Wipe X=Other	PRESERVATION	Cool+AC
POSSIBLE SAMPLE HAZARDS/ REMARKS	*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/1ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	HOLDING TIME	24 Hours
		TYPE OF CONTAINER	ag
		NO. OF CONTAINER(S)	1
		VOLUME	60ml
		SAMPLE ANALYSIS	719G, CR6; COMMON;
SPECIAL HANDLING AND/OR STORAGE	N/A		
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
831V86	WATER	JUL 07 2015	1205 ✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
CHRIS FULTON	JUL 07 2015	F.M. HUBCHPRC	JUL 07 2015		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
F.M. HUBCHPRC	JUL 07 2015 1445	J. Friesz, TARK	JUL 07 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		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		
PRINTED ON 6/19/2015	FSR ID = FSR1239	TRVL NUM = TRVL-15-110	A-6003-618 (REV 2)		

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1153	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W14-73, Valve V03-YE03	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	BILL OF LADING/AIR BILL NO. (N/A)	ORIGINAL	
SHIPPED TO Test-America Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)				

MATRIX*	PRESERVATION	Cool--4C
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	JUL 07 2015
O=Oil	SAMPLE TIME	1235
S=Soil		✓
SE=Sediment		
T=Tissue		
V=Vegetation		
W=Water		
WF=Wipe		
X=Other		

SAMPLE NO.	MATRIX*	DATE/TIME	REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME
B31V49	WATER	JUL 07 2015	CHPRC	F.M. Hall/CHPRC	JUL 07 2015 1300
		JUL 07 2015 1445		JUL 07 2015 1445	

SPECIAL INSTRUCTIONS
 ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM: CHRIS FULTON/CHPRC
 DATE/TIME: JUL 07 2015
 RECEIVED BY/STORED IN: F.M. Hall/CHPRC
 DATE/TIME: JUL 07 2015 1300

RELINQUISHED BY/REMOVED FROM: [Signature]
 DATE/TIME: JUL 07 2015 1445
 RECEIVED BY/STORED IN: [Signature]
 DATE/TIME: JUL 07 2015 1445

RELINQUISHED BY/REMOVED FROM: [Signature]
 DATE/TIME: []
 RECEIVED BY/STORED IN: [Signature]
 DATE/TIME: []

RELINQUISHED BY/REMOVED FROM: [Signature]
 DATE/TIME: []
 RECEIVED BY/STORED IN: [Signature]
 DATE/TIME: []

RELINQUISHED BY/REMOVED FROM: [Signature]
 DATE/TIME: []
 RECEIVED BY/STORED IN: [Signature]
 DATE/TIME: []

RELINQUISHED BY/REMOVED FROM: [Signature]
 DATE/TIME: []
 RECEIVED BY/STORED IN: [Signature]
 DATE/TIME: []

LABORATORY SECTION: RECEIVED BY: [Signature]
 TITLE: []
 DATE/TIME: []

FINAL SAMPLE DISPOSITION: DISPOSAL METHOD: []
 DATE/TIME: []

PRINTED ON 6/19/2015 FSR ID = FSR1232 TRVL NUM = TRVL-15-110 A-6003-618 (REV 2)

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1183	PAGE 1 OF 1
COLLECTOR: CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W11-49, Valve V03-YE12	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-491 9	SAF NO. F13-002	AIR QUALITY	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	BILL OF LADING/AIR BILL NO. (N/A)		
SHIPPED TO TestAmerica Incorporated, Richland					

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/DATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION Cool-to-4C	HOLDING TIME 24 Hours	TYPE OF CONTAINER aG	NO. OF CONTAINER(S) 1	VOLUME 60mL	SAMPLE ANALYSIS 7156_C61: COMMON;
SPECIAL HANDLING AND/OR STORAGE N/A							
SAMPLE NO. B31V79	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1220	DATE/TIME JUL 07 2015 1220 ✓			

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CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	REMOVED FROM JUL 07 2015	RECEIVED BY/STORED IN E.M. HALLCHPRC	DATE/TIME JUL 07 2015	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. HALLCHPRC	REMOVED FROM JUL 07 2015 1445	RECEIVED BY/STORED IN J. Friesz, TARL	DATE/TIME JUL 07 2015 1445		
RELINQUISHED BY/REMOVED FROM	REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	
PRINTED ON 6/19/2015		FSR ID = FSR1237		TRVL NUM. = TRVL-15-110	
				A-6003-618 (REV 2)	

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CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1111	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TB, 299-W12-2, Valve V03-YE05	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	SAF NO. F13-002		AIR QUALITY	
ICE CHEST NO. (N/A)	FIELD LOGBOOK NO. HNF-N-4919	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX*	PRESERVATION	Cool <=6C
DL=Drum	HOLDING TIME	48 Hours
L=Liquid	TYPE OF CONTAINER	P
S=Soil	NO. OF CONTAINER(S)	1
SE=Sediment	VOLUME	500ml
T=Tissue	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS
V=Vegetation	SAMPLE DATE	JUL 07 2015
W=Water	SAMPLE TIME	0852
WI=Wipe		
X=Other		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	DATE/TIME
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	RECEIVED BY/STORED IN F.M. HARRIS/CHPRC	JUL 07 2015 1010
RELINQUISHED BY/REMOVED FROM F.M. HARRIS/CHPRC	RECEIVED BY/STORED IN J. BOCK, TARI	JUL 07 2015 1445
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	JUL 07 2015 1445
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110
(1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};

NO of 40

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 6/19/2015	FSR ID = FSR1246	TRVL NUM = TRVL-15-110	A-6003-618 (REV 2)

July 22, 2015

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WCO127

m676v

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1117	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TB, 299-W5-1, Valve V03-YE17	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	OFFSITE PROPERTY NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	BILL OF LADING/AIR BILL NO. (N/A)				

MATRIX*	COOL <=6C
A=Air	
DL=Drum	
L=Liquid	48 Hours
DS=Drum	
S=Soil	
SE=Sediment	
T=Tissue	
V=Vegetation	
W=Water	
WI=Wipe	
X=Other	

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
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SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B31V13	WATER	JUL 07 2015	0910

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
CHRIS FULTON	JUL 07 2015 1010	F.M. Hall/CHPRC	JUL 07 2015 1010
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
F.M. Hall/CHPRC	JUL 07 2015 1445	J. Bock, TAP	JUL 07 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

SPECIAL INSTRUCTIONS
 ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110
 (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};

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

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July 22, 2015

J5G070435
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m67aw

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		PAGE 1 OF 1	
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 2897B, 299-W12-3, Valve V03-YE18	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX*	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
A=Air DL=Drum L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	Cool <=6C	48 Hours	P	1	500ml	SEE ITEM (1) IN SPECIAL INSTRUCTIONS
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 N/A						
SAMPLE NO. B31V19	WATER	MATRIX*				
	JUL 07 2015	0925				✓

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM CHRIS FULTON	RECEIVED BY/STORED IN F.M. Hall/CHPRC	JUL 07 2015 1010	JUL 07 2015 1010				
RELINQUISHED BY/REMOVED FROM F.M. Hall/CHPRC	RECEIVED BY/STORED IN J. Bock, TAPL	JUL 07 2015 1445	JUL 07 2015 1445				
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN						
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN						
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN						
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN						
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN						
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN						
LABORATORY SECTION	RECEIVED BY	TITLE		DATE/TIME		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME		DATE/TIME	
PRINTED ON 6/19/2015	FSR ID = FSR1245	TRVL NUM = TRVL-15-110		A-6003-618 (REV 2)			

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110 (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};

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July 22, 2015

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CH2MHILL Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1136	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TB, 299-W14-22, Valve V03-YE20	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-491 9	SAF NO. F13-002	AIR QUALITY	<input type="checkbox"/>
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX* A=Air DL=Drum L=Liquids DS=Drum S=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.	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 DATE JUL 07 2015	SAMPLE TIME 0940	✓			

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		DATE/TIME	
REMOVED FROM CHRIS FULTON CHPRC	REMOVED TO F.M. Hall/CHPRC	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM F.M. Hall/CHPRC	RELINQUISHED TO J. Bock, TABUL	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RELINQUISHED TO	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RELINQUISHED TO	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RELINQUISHED TO	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RELINQUISHED TO	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
LABORATORY SECTION	RECEIVED BY	TITLE			
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY			

July 22, 2015

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CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1129	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TB, 299-W12-4, Valve V03-YE19	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	BILL OF LADING (N/A) AIR BILL NO.		
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)				

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 (3) IN SPECIAL INSTRUCTIONS
L=Liquid	SAMPLE DATE	JUL 07 2015 0955
O=Oil	SAMPLE TIME	✓
S=Soil		
SE=Sediment		
T=Tissue		
V=Vegetation		
W=Water		
WT=Wipe		
X=Other		

m6700

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN
RELINQUISHED BY/REMOVED FROM CHPRC	<i>[Signature]</i>	JUL 07 2015 1010	RECEIVED BY/STORED IN F.M. HALL/CHPRC	JUL 07 2015 1010	<i>[Signature]</i>
RELINQUISHED BY/REMOVED FROM F.M. HALL/CHPRC	<i>[Signature]</i>	JUL 07 2015 1445	RECEIVED BY/STORED IN J. BOCK, TAPUL	JUL 07 2015 1445	<i>[Signature]</i>
RELINQUISHED BY/REMOVED FROM			RECEIVED BY/STORED IN		
RELINQUISHED BY/REMOVED FROM			RECEIVED BY/STORED IN		
RELINQUISHED BY/REMOVED FROM			RECEIVED BY/STORED IN		
RELINQUISHED BY/REMOVED FROM			RECEIVED BY/STORED IN		

SPECIAL INSTRUCTIONS
 ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110
 (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add on) {Bromide};

July 22, 2015

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1160	PAGE 1 OF 1
COLLECTOR	CHRIS FULTON CHPRC	COMPANY CONTACT	SUMNER, LC	TELEPHONE NO.	376-3922
SAMPLING LOCATION	289TC, 299-W11-50, Valve V03-YE06	PROJECT DESIGNATION	200W Pump & Treat - Extraction Well Water Sampling		
ICE CHEST NO.	(N/A)	FIELD LOGBOOK NO.	HNF-N-4919	ACTUAL SAMPLE DEPTH	(N/A)
SHIPPED TO	TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	(N/A)	COA	303111
MATRIX*		PRESERVATION		BILL OF LADING/AIR BILL NO.	
A=Air		Cool <=6C		(N/A)	
DL=Drum		48 Hours			
L=Liquid		HOLDING TIME			
O=Oil		TYPE OF CONTAINER			
S=Soil		NO. OF CONTAINER(S)		1	
SE=Sediment		VOLUME		500ml	
T=Tissue		SAMPLE ANALYSIS		SEE ITEM (1) IN SPECIAL INSTRUCTIONS	
V=Vegetation		SPECIAL HANDLING AND/OR STORAGE		N/A	
W=Water		SAMPLE DATE		JUL 07 2015	
X=Other		SAMPLE TIME		1030	
SAMPLE NO.	B31V56	MATRIX*	WATER	DATE/TIME	JUL 07 2015 1205

RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME
CHRIS FULTON CHPRC	JUL 07 2015	<i>[Signature]</i>	F.M. HARRICHPRC	JUL 07 2015
F.M. HARRICHPRC	JUL 07 2015 1445	<i>[Signature]</i>	J. Bock, TARS	JUL 07 2015 1445
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME
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
PRINTED ON 6/19/2015		FRS ID = FSR1233	
		TRVL NUM = TRVL-15-110	
		A-6003-618 (REV 2)	

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July 22, 2015

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1197	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 2897C, 299-W11-92, Valve V03-YE16	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	<input type="checkbox"/>
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

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 '99 CFR/IATA 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. B31V93	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1045				

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN F.M. HALL/CHPRC	DATE/TIME JUL 07 2015	The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. HALL/CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN J. Bock, TARL	DATE/TIME JUL 07 2015	(1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};	
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 6/19/2015	FSR ID = FSR1243	TRVL NUM = TRVL-15-110		A-6003-618 (REV 2)	

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July 22, 2015

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WCO127

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1166	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 2897C, 299-W11-90, Valve V03-YE07	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. INF-N-4919	SAF NO. F13-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX* A=Air DL=Drum L=Liquids DS=Drum S=Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	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
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.						
SPECIAL HANDLING AND/OR STORAGE N/A						
SAMPLE NO. B31V62	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1057			✓

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CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN F.M. HARRICHPRC	DATE/TIME JUL 07 2015	The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110 (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};	
RELINQUISHED BY/REMOVED FROM F.M. HARRICHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN J. Bock, TRVL-15-110	DATE/TIME JUL 07 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		
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 6/19/2015		FSR ID = FSR1234		TRVL NUM = TRVL-15-110	

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July 22, 2015

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CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1148	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W14-20, Valve V03-YE02	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

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 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 (C) IN SPECIAL INSTRUCTIONS
SPECIAL HANDLING AND/OR STORAGE N/A	SAMPLE NO. B31V44	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1110			

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN F.M. HALL/CHPRC	DATE/TIME JUL 07 2015	The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM F.M. HALL/CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN J. Bock, JAR	DATE/TIME JUL 07 2015	(1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};	
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	

July 22, 2015

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CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1142	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W15-225, Valve V03-YE01	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

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 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. B31V38	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1122	✓		

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN F.M. HAWCHPRC	DATE/TIME JUL 07 2015	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110 (1) 300.0_ANTONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANTONS_IC: COMMON (Add-on) {Bromide};	
RELINQUISHED BY/REMOVED FROM F.M. HAWCHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN J. Bock, TAPAL	DATE/TIME JUL 07 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		
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	

July 22, 2015

J5G070435
WCD27

M6706

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1178	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W17-2, Valve V03-YE10	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

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 (1) IN SPECIAL INSTRUCTIONS
L=Liquid	SAMPLE DATE	JUL 07 2015
O=Oil	SAMPLE TIME	1135
S=Soil		
SE=Sediment		
T=Tissue		
V=Vegetation		
W=Water		
WI=Wipe		
X=Other		

SAMPLE NO.	MATRIX*	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
B31V74	WATER	JUL 07 2015	JUL 07 2015	JUL 07 2015	JUL 07 2015
SPECIAL HANDLING AND/OR STORAGE N/A		SPECIAL INSTRUCTIONS ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110 (1) 300.0_ANTONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANTONS_IC: COMMON (Add-on) {Bromide};			
RELINQUISHED BY/REMOVED FROM CHRIS FULTON CHPRC	RECEIVED BY/STORED IN E.M. HAUCHER	DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015
RELINQUISHED BY/REMOVED FROM E.M. HAUCHER	RECEIVED BY/STORED IN J. Bock, TAP	DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015	DATE/TIME JUL 07 2015
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

60 of 40

July 22, 2015

J5G070433
WC 0127

M6707

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1172	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT
SAMPLING LOCATION 289TC, 299-W17-3, Valve V03-YE09	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	SAF NO. F13-002	PRICE CODE 7C
ICE CHEST NO. (N/A)	FIELD LOGBOOK NO. HNF-N-4919	ACTUAL SAMPLE DEPTH	AIR QUALITY <input type="checkbox"/>
SHIPPED TO TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE
BILL OF LADING/AIR BILL NO. (N/A)			

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	POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/DATA 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
SAMPLE NO. B31V68	MATRIX* WATER	SAMPLE DATE JUL 07 2015	SAMPLE TIME 1150	✓			

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM CHPRC	DATE/TIME JUL 07 2015	RECEIVED BY/STORED IN F.M. Hall/CHPRC	DATE/TIME JUL 07 2015	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110 (1) 300.0_ANTONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANTONS_IC: COMMON (Add-on) {Bromide};	
RELINQUISHED BY/REMOVED FROM F.M. Hall/CHPRC	DATE/TIME JUL 07 2015 1445	RECEIVED BY/STORED IN J. Bock, TART	DATE/TIME JUL 07 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	TITLE		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

July 29, 2015

356070485
W10127

m6708

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1154	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 2897C, 299-W14-73, Valve V03-YE03	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. FINF-N-4919	SAF NO. F13-002	AIR QUALITY	<input type="checkbox"/>
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO TestAmerica Incorporated, Richmond	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX*	PRESERVATION	COOL <=6C
DL=Drum	HOLDING TIME	48 Hours
DS=Drum	TYPE OF CONTAINER	P
L=Liquid	NO. OF CONTAINER(S)	1
O=Oil	VOLUME	500mL
S=Soil	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B31V50	WATER	JUL 07 2015	1235

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	DATE/TIME	SPECIAL INSTRUCTIONS
ACQUIRED BY/REMOVED FROM CHPRC	RECEIVED BY/STORED IN F.M. HUBBICHRIC	DATE/TIME JUL 07 2015	SPECIAL INSTRUCTIONS ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110 (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add on) {Bromide};
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN J. BOCK, TARL	DATE/TIME JUL 07 2015	
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	

July 22, 2015

J59070435
W C 0127

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1184	PAGE 1 OF 1
COLLECTOR CHRIS FULTON CHPRC	COMPANY CONTACT SUMNER, LC	TELEPHONE NO. 376-3922	PROJECT COORDINATOR EVANS, RT	PRICE CODE 7C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 289TC, 299-W11-49, Valve V03-YE12	PROJECT DESIGNATION 200W Pump & Treat - Extraction Well Water Sampling	FIELD LOGBOOK NO. HNF-N-4919	SAF NO. F13-002	AIR QUALITY	<input type="checkbox"/>
ICE CHEST NO. (N/A)	ACTUAL SAMPLE DEPTH (N/A)	COA 303111	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL	
SHIPPED TO Test/America Incorporated, Richland	OFFSITE PROPERTY NO. (N/A)	BILL OF LADING/AIR BILL NO. (N/A)			

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids 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 be regulated for transportation per 49 CFR/DATA 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 DATE JUL 07 2015	SAMPLE TIME 1220	m67RA			
SAMPLE NO. B31V80	MATRIX* WATER						

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110 (1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};	
CHRIS FULTON CHPRC	JUL 07 2015	F.M. Hall/CHPRC	JUL 07 2015	1300	
F.M. Hall/CHPRC	JUL 07 2015	J. Bock, TAP	JUL 07 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	TITLE			
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY			

July 22, 2015

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F13-002-1191	PAGE 1 OF 1
COLLECTOR	CHRIS FUJLTON CHPRC	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE
SAMPLING LOCATION	289TC, 299-W14-21, Valve V03-YE15	PROJECT DESIGNATION	200W Pump & Treat - Extraction Well Water Sampling	EVANS, RT	7C
ICE CHEST NO.	(N/A)	FIELD LOGBOOK NO.	HNF-N-4919	SAF NO.	AIR QUALITY
SHIPPED TO	TestAmerica Incorporated, Richland	OFFSITE PROPERTY NO.	(N/A)	F13-002	15 Days / 15 Days
MATRIX*	A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	PRESERVATION	Cool <=6C	COA	METHOD OF SHIPMENT
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.	HOLDING TIME	48 Hours	303111	GOVERNMENT VEHICLE
SPECIAL HANDLING AND/OR STORAGE	N/A	TYPE OF CONTAINER	P	BILL OF LADING/AIR BILL NO. (N/A)	
		NO. OF CONTAINER(S)	1		
		VOLUME	500ml		
		SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS		

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	DATE/TIME
B31V87	WATER	JUL 07 2015	1205	JUL 07 2015



wcd187

m67rc

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	CHRIS FUJLTON CHPRC	RECEIVED BY/STORED IN	F.M. HARRIS/CHPRC	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-15-110	
RELINQUISHED BY/REMOVED FROM	F.M. HARRIS/CHPRC	RECEIVED BY/STORED IN	J. BOCK, TARL	(1) 300.0_ANIONS_IC: COMMON {Chloride, Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Sulfate}; 300.0_ANIONS_IC: COMMON (Add-on) {Bromide};	
RELINQUISHED BY/REMOVED FROM		RECEIVED BY/STORED IN		DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM		RECEIVED BY/STORED IN		DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM		RECEIVED BY/STORED IN		DATE/TIME	DATE/TIME
RELINQUISHED BY/REMOVED FROM		RECEIVED BY/STORED IN		DATE/TIME	DATE/TIME
LABORATORY SECTION	RECEIVED BY	TITLE			
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY			

THE LEADER IN ENVIRONMENTAL TESTING

Date/Time Received: 7/7/15 1445 Container GM Screen Result: (Airlock) 20 cpm Initials [J]
Sample GM Screen Result (Sample Receiving) 20 cpm Initials [J]

Client: FLH SDG #: WC0127 SAF #: F13-002 NA []

Lot Number: J5G070435

Chain of Custody # F13-002-1128, 1135, 1122, 1116, 1110, 1171, 1177, 1141, 1147, 1165, 1196, 1159, 1190, 1153, 1183, 1111, 1117, 1123, 1136, 1129, 1160, 1197, 1166, 1148, 1142, 1178, 1172, 1154, 1184, 1191

Shipping Container ID or Air Bill Number: _____ NA [J]

Samples received inside shipping container/cooler/box Yes [J] 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 [J]
- 2. Custody Seals dated and signed? Yes [] No [] No Custody Seal [J]
- 3. Cooler temperature: 5.6°C on ICE NA []
- 4. Vermiculite/packing materials is NA [J] Wet [] Dry []

Item 5 through 16 for samples. Initial appropriate response.

- 5. Chain of Custody record present? Yes [J] No []
- 6. Number of samples received (Each sample may contain multiple bottles): 30
- 7. Containers received: 15x60ml eg; 15x500mlp

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

11. Samples: J 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 [J] 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 [J]

14. Description of anomalies (include sample numbers): NA [J] _____

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

16. Additional Information: N/A

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

Sample Check-in List completed by Sample Custodian:
Signature: [Signature] Date: 7/7/15

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

J No action necessary; process as is

Project Manager [Signature] Date 7/13/15

July 22, 2015

Sample Results Summary

Date: 22-Jul-15

TestAmerica Inc TARL

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

Report No. : 66559

SDG No: WC0127

Batch Client ID	Date Sampled	Work Order No.	Parameter	Result	Qual	Units	MDL	RL	Date Analyzed	Dil Fct	
5188076 7196_CR6 ,WATER											
B31V06	07/07/15 8:52	M67QA1AA	HEXCHROME	0.0190		mg/L	0.0015	0.004	07/07/15 18:16	1	
B31V12	07/07/15 9:10	M67P91AA	HEXCHROME	0.0425		mg/L	0.0015	0.004	07/07/15 18:16	1	
B31V18	07/07/15 9:25	M67P61AA	HEXCHROME	0.0422		mg/L	0.0015	0.004	07/07/15 18:15	1	
B31V24	07/07/15 9:55	M67P41AA	HEXCHROME	0.0329		mg/L	0.0015	0.004	07/07/15 18:12	1	
B31V31	07/07/15 9:40	M67P51AA	HEXCHROME	0.00760		mg/L	0.0015	0.004	07/07/15 18:15	1	
B31V37	07/07/15 11:22	M67QE1AA	HEXCHROME	0.00300	B	mg/L	0.0015	0.004	07/07/15 18:20	1	
B31V43	07/07/15 11:10	M67QH1AA	HEXCHROME	0.0315		mg/L	0.0015	0.004	07/07/15 18:20	1	
B31V49	07/07/15 12:35	M67QQ1AA	HEXCHROME	0.00430		mg/L	0.0015	0.004	07/07/15 18:22	1	
B31V55	07/07/15 10:30	M67QN1AA	HEXCHROME	0.0612		mg/L	0.0015	0.004	07/07/15 18:21	1	
B31V61	07/07/15 10:57	M67QJ1AA	HEXCHROME	0.0774		mg/L	0.0015	0.004	07/07/15 18:20	1	
B31V67	07/07/15 11:50	M67QC1AA	HEXCHROME	0.00250	B	mg/L	0.0015	0.004	07/07/15 18:16	1	
B31V73	07/07/15 11:35	M67QD1AA	HEXCHROME	0.00410		mg/L	0.0015	0.004	07/07/15 18:16	1	
B31V79	07/07/15 12:20	M67QR1AA	HEXCHROME	<0.00150	B	mg/L	0.0015	0.004	07/07/15 18:24	1	
B31V86	07/07/15 12:05	M67QP1AA	HEXCHROME	<0.00150	U	mg/L	0.0015	0.004	07/07/15 18:21	1	
B31V92	07/07/15 10:45	M67QM1AA	HEXCHROME	0.00500		mg/L	0.0015	0.004	07/07/15 18:21	1	
5189029 300.0_ANIONS_IC ,WATER											
B31V38	07/07/15 11:22	M67Q51AA	Bromide	<0.125	U D	mg/L	0.125	0.25	07/08/15 14:43	2	
			Chloride	15.0	D	mg/L	0.2	0.4		2	
			Fluoride	0.330	D	mg/L	0.05	0.1		2	
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2	
			Nitrate as N	9.13	D	mg/L	0.028	0.056		2	
			Sulfate	25.8	D	mg/L	0.25	0.5		2	
B31V50	07/07/15 12:35	M67Q81AA	Bromide	<0.125	U D	mg/L	0.125	0.25	07/08/15 15:57	2	
			Chloride	47.6	D	mg/L	0.2	0.4		2	
			Fluoride	0.293	D	mg/L	0.05	0.1		2	
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2	
			Nitrate as N	18.5	D	mg/L	0.07	0.14		07/08/15 19:13	5
			Sulfate	37.8	D	mg/L	0.25	0.5		07/08/15 15:57	2
B31V68	07/07/15 11:50	M67Q71AA	Bromide	<0.125	U D	mg/L	0.125	0.25	07/08/15 15:42	2	
			Chloride	9.01	D	mg/L	0.2	0.4		2	
			Fluoride	0.403	D	mg/L	0.05	0.1		2	
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2	
			Nitrate as N	6.87	D	mg/L	0.028	0.056		2	
			Sulfate	21.2	D	mg/L	0.25	0.5		2	
B31V74	07/07/15 11:35	M67Q61AA	Bromide	<0.125	U D	mg/L	0.125	0.25	07/08/15 15:27	2	
			Chloride	16.3	D	mg/L	0.2	0.4		2	
			Fluoride	0.365	D	mg/L	0.05	0.1		2	
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2	

TestAmerica Inc
rptTALRchSample
SumC2 V5.3.8
A2002

B Qual - The analyte was detected at a value less than the reporting limit (RL), but greater than or equal to the MDL.
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

July 22, 2015

Sample Results Summary

Date: 22-Jul-15

TestAmerica Inc TARL

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

Report No. : 66559

SDG No: WC0127

Batch Client ID	Date Sampled	Work Order No.	Parameter	Result	Qual	Units	MDL	RL	Date Analyzed	Dil Fct
5189029 300.0_ANIONS_IC ,WATER										
B31V74	07/07/15 11:35	M67Q61AA	Nitrate as N	22.3	D	mg/L	0.07	0.14	07/08/15 18:43	5
			Sulfate	29.8	D	mg/L	0.25	0.5	07/08/15 15:27	2
B31V80	07/07/15 12:20	M67RA1AA	Bromide	<0.125	U D	mg/L	0.125	0.25	07/08/15 16:12	2
			Chloride	43.2	D	mg/L	0.2	0.4		2
			Fluoride	0.350	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	6.86	D	mg/L	0.028	0.056		2
			Sulfate	29.0	D	mg/L	0.25	0.5		2
B31V87	07/07/15 12:05	M67RC1AA	Bromide	<0.125	U D	mg/L	0.125	0.25	07/08/15 16:27	2
			Chloride	37.1	D	mg/L	0.2	0.4		2
			Fluoride	0.349	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	2.98	D	mg/L	0.028	0.056		2
			Sulfate	51.4	D	mg/L	0.25	0.5		2
5189030 300.0_ANIONS_IC ,WATER										
B31V07	07/07/15 8:52	M67QT1AA	Bromide	0.213	D B	mg/L	0.125	0.25	07/08/15 16:41	2
			Chloride	34.9	D	mg/L	0.2	0.4		2
			Fluoride	0.311	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	16.1	D	mg/L	0.07	0.14	07/08/15 19:56	5
			Sulfate	45.5	D	mg/L	0.25	0.5	07/08/15 16:41	2
B31V13	07/07/15 9:10	M67QV1AA	Bromide	0.299	D	mg/L	0.125	0.25	07/08/15 17:26	2
			Chloride	24.7	D	mg/L	0.2	0.4		2
			Fluoride	0.262	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	48.9	D	mg/L	0.21	0.42	07/08/15 20:41	15
			Sulfate	53.6	D	mg/L	0.25	0.5	07/08/15 17:26	2
B31V19	07/07/15 9:25	M67QW1AA	Bromide	0.316	D	mg/L	0.125	0.25	07/08/15 17:41	2
			Chloride	29.4	D	mg/L	0.2	0.4		2
			Fluoride	0.260	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	49.3	D	mg/L	0.21	0.42	07/08/15 20:57	15
			Sulfate	60.8	D	mg/L	0.25	0.5	07/08/15 17:41	2
B31V25	07/07/15 9:55	M67Q01AA	Bromide	0.202	D B	mg/L	0.125	0.25	07/08/15 18:11	2
			Chloride	30.3	D	mg/L	0.2	0.4		2
			Fluoride	0.321	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	6.93	D	mg/L	0.028	0.056		2
			Sulfate	70.3	D	mg/L	0.25	0.5		2

TestAmerica Inc
rptTALRchSample
SumC2 V5.3.8
A2002

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.
B Qual - The analyte was detected at a value less than the reporting limit (RL), but greater than or equal to the MDL.

July 22, 2015

Sample Results Summary

Date: 22-Jul-15

TestAmerica Inc TARL

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

Report No. : 66559

SDG No: WC0127

Batch Client ID	Date Sampled	Work Order No.	Parameter	Result	Qual	Units	MDL	RL	Date Analyzed	Dil Fct
5189030 300.0_ANIONS_IC ,WATER										
B31V32	07/07/15 9:40	M67QX1AA	Bromide	0.220	D B	mg/L	0.125	0.25	07/08/15 17:56	2
			Chloride	26.4	D	mg/L	0.2	0.4		2
			Fluoride	0.320	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	6.70	D	mg/L	0.028	0.056		2
			Sulfate	80.6	D	mg/L	0.25	0.5		2
B31V44	07/07/15 11:10	M67Q41AA	Bromide	0.260	D	mg/L	0.125	0.25	07/08/15 19:41	2
			Chloride	21.3	D	mg/L	0.2	0.4		2
			Fluoride	0.332	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	48.4	D	mg/L	0.28	0.56	07/09/15 11:29	20
			Sulfate	43.8	D	mg/L	0.25	0.5	07/08/15 19:41	2
B31V56	07/07/15 10:30	M67Q11AA	Bromide	0.267	D	mg/L	0.125	0.25	07/08/15 18:26	2
			Chloride	14.1	D	mg/L	0.2	0.4		2
			Fluoride	0.983	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	40.1	D	mg/L	0.21	0.42	07/09/15 10:59	15
			Sulfate	45.8	D	mg/L	0.25	0.5	07/08/15 18:26	2
B31V62	07/07/15 10:57	M67Q31AA	Bromide	0.284	D	mg/L	0.125	0.25	07/08/15 19:26	2
			Chloride	29.6	D	mg/L	0.2	0.4		2
			Fluoride	0.240	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	56.4	D	mg/L	0.42	0.84	07/09/15 11:14	30
			Sulfate	50.2	D	mg/L	0.25	0.5	07/08/15 19:26	2
B31V93	07/07/15 10:45	M67Q21AA	Bromide	<0.125	U D	mg/L	0.125	0.25	07/08/15 19:11	2
			Chloride	16.5	D	mg/L	0.2	0.4		2
			Fluoride	0.307	D	mg/L	0.05	0.1		2
			Nitrite as N	<0.0380	U D	mg/L	0.038	0.076		2
			Nitrate as N	9.95	D	mg/L	0.028	0.056		2
			Sulfate	31.5	D	mg/L	0.25	0.5		2

No. of Results: 105

TestAmerica Inc
rptTALRchSample
SumC2 V5.3.8
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.

July 22, 2015

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

Date: 22-Jul-15

Report No. : 66559

SDG No.: WC0129

Batch	Work Work No.	Parameter	Result	Qual	Units	LCS Recovery	MDL	RL	RPD	Dil Fct
7196_CR6										
5188076 DUP, B31D77 DUP	M67RD1AC	HEXCHROME	<0.00150 U		mg/L		0.0015	0.004	0.0	1
5188076 MS, B31V24	M67P41AC	HEXCHROME	0.0505		mg/L	101%	0.0015	0.004		1
5188076 BLANK,	M67RL1AA	HEXCHROME	<0.00150 U		mg/L		0.0015	0.004		1
5188076 LCS,	M67RL1AC	HEXCHROME	0.252		mg/L	101%	0.0015	0.004		1
300.0_ANIONS_IC										
5189029 MS, B31V38	M67Q51AC	Bromide	0.271		mg/L	107%	0.0625	0.125		1
		Chloride	7.03		mg/L	99%	0.1	0.2		1
		Fluoride	0.241		mg/L	96%	0.025	0.05		1
		Nitrite as N	0.0710		mg/L	92%	0.019	0.038		1
		Nitrate as N	4.14		mg/L	100%	0.014	0.028		1
		Sulfate	12.0		mg/L	99%	0.125	0.25		1
5189029 DUP, B31V38 DUP	M67Q51AD	Bromide	<0.125 U D		mg/L		0.125	0.25		2
		Chloride	15.0 D		mg/L		0.2	0.4	0.1	2
		Fluoride	0.327 D		mg/L		0.05	0.1	0.9	2
		Nitrite as N	<0.0380 U D		mg/L		0.038	0.076		2
		Nitrate as N	9.12 D		mg/L		0.028	0.056	0.1	2
		Sulfate	25.8 D		mg/L		0.25	0.5	0.2	2
5189029 BLANK,	M670V1AA	Bromide	<0.0625 U		mg/L		0.0625	0.125		1
		Chloride	<0.100 U		mg/L		0.1	0.2		1
		Fluoride	<0.0250 U		mg/L		0.025	0.05		1
		Nitrite as N	<0.0190 U		mg/L		0.019	0.038		1
		Nitrate as N	<0.0140 U		mg/L		0.014	0.028		1
		Sulfate	<0.125 U		mg/L		0.125	0.25		1
5189029 LCS,	M670V1AC	Bromide	2.35		mg/L	94%	0.0625	0.125		1
		Chloride	3.89		mg/L	97%	0.1	0.2		1
		Fluoride	0.971		mg/L	97%	0.025	0.05		1
		Nitrite as N	0.729		mg/L	96%	0.019	0.038		1
		Nitrate as N	0.534		mg/L	95%	0.014	0.028		1
		Sulfate	4.82		mg/L	96%	0.125	0.25		1
300.0_ANIONS_IC										
5189030 MS, B31V07	M67QT1AC	Bromide	0.291		mg/L	84%	0.0625	0.125		1
		Chloride	16.0		mg/L	100%	0.1	0.2		1
		Fluoride	0.229		mg/L	95%	0.025	0.05		1

TestAmerica Inc D Qual - The reported value is from a dilution
 rptTALRchQcSummaryC V5.3.8 U Qual - Analyzed for but not detected above limiting criteria, Mdc/Mda/Mdl, Total Uncert, RDL or not identified by gamma scan software.
 A2002

July 22, 2015

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

Date: 22-Jul-15

Report No. : 66559

SDG No.: WC0127

Batch	Work Work No.	Parameter	Result	Qual	Units	LCS Recovery	MDL	RL	RPD	Dil Fct
5189030 MS, B31V07	M67QT1AC	Nitrite as N	0.0660		mg/L	86%	0.019	0.038		1
		Nitrate as N	2.95		mg/L	100%	0.014	0.028		1
		Sulfate	21.1		mg/L	100%	0.125	0.25		1
5189030 DUP, B31V07 DUP	M67QT1AD	Bromide	0.212 D B		mg/L		0.125	0.25	0.5	2
		Chloride	34.9 D		mg/L		0.2	0.4	0.0	2
		Fluoride	0.309 D		mg/L		0.05	0.1	0.6	2
		Nitrite as N	<0.0380 U D		mg/L		0.038	0.076		2
		Nitrate as N	16.1 D		mg/L		0.07	0.14	0.1	5
		Sulfate	45.7 D		mg/L		0.25	0.5	0.4	2
5189030 BLANK,	M670W1AA	Bromide	<0.0625 U		mg/L		0.0625	0.125		1
		Chloride	<0.100 U		mg/L		0.1	0.2		1
		Fluoride	<0.0250 U		mg/L		0.025	0.05		1
		Nitrite as N	<0.0190 U		mg/L		0.019	0.038		1
		Nitrate as N	<0.0140 U		mg/L		0.014	0.028		1
		Sulfate	<0.125 U		mg/L		0.125	0.25		1
5189030 LCS,	M670W1AC	Bromide	2.40		mg/L	96%	0.0625	0.125		1
		Chloride	3.95		mg/L	99%	0.1	0.2		1
		Fluoride	0.977		mg/L	98%	0.025	0.05		1
		Nitrite as N	0.730		mg/L	96%	0.019	0.038		1
		Nitrate as N	0.546		mg/L	97%	0.014	0.028		1
		Sulfate	4.90		mg/L	98%	0.125	0.25		1

No. of Results: 52