



July 06, 2016

Contract #: 54813

CH2M HILL Plateau Remediation Company  
 2420 Stevens Center Place  
 P.O. Box 1600  
 Richland, WA 99352  
 Attn.: Tracey A. Burch

**Subject: Geotechnical Laboratory Testing Services, Data Deliverable for work order W605052, Rev. 0**

Enclosed is the final report on geotechnical analyses performed by RJ Lee Group Inc. in conjunction with PBS Engineering and Environmental, Inc. (PBS) for three Sample Delivery Group (SDG) numbers, all part of Borehole C8706.

**General Set Comments**

RJ Lee Group received from CH2M-Hill Plateau Remediation Company (CHPRC) 33 samples to be tested for geotechnical analysis at the Columbia Basin Analytical Laboratories. There are no SIRs associated with this SDG.

The CHPRC assigned HEIS#s have been assigned SDG#s according to the following table:

CHPRC Sample #	SDG #
B324N7	W605052 C8706 Core 01
B324N8	W605052 C8706 Core 02
B324N9	W605052 C8706 Core 03
B324P0	W605052 C8706 Core 04
B324P1	W605052 C8706 Core 05
B324P2	W605052 C8706 Core 06
B324P3	W605052 C8706 Core 07
B324P4	W605052 C8706 Core 08
B324P5	W605052 C8706 Core 09
B324P6	W605052 C8706 Core 10
B324P7	W605052 C8706 Core 11
B324P8	W605052 C8706 Core 12
B324P9	W605052 C8706 Core 13
B324R0	W605052 C8706 Core 14
B324R1	W605052 C8706 Core 15
B324R2	W605052 C8706 Core 16
B324R3	W605052 C8706 Core 17
B324R4	W605052 C8706 Core 18
B324R5	W605052 C8706 Core 19
B324R6	W605052 C8706 Core 20
B324R7	W605052 C8706 Core 21
B324R8	W605052 C8706 Core 22
B324R9	W605052 C8706 Core 23
B324T0	W605052 C8706 Core 24

CHPRC Sample #	SDG #
B324T1	W605052 C8706 Core 25
B324T2	W605052 C8706 Core 26
B324T3	W605052 C8706 Core 27
B324T4	W605052 C8706 Core 28
B324T5	W605052 C8706 Core 29
B324T6	W605052 C8706 Core 30
B324T7	W605052 C8706 Core 31
B324T8	W605052 C8706 Optional 1
B324T9	W605052 C8706 Optional 2

This project deliverable, provided in Attachment 1, contains the reports of the requested analytical results and a copy of the associated chain of custody for the sample listed above.

The analytical results provided in this deliverable relate only to the items tested. The sample was received in acceptable condition unless otherwise noted in the attached report(s).

I certify that this analytical report is in compliance with the Hanford SOW, both technically and for completeness. Release of the data contained in this hard copy report has been authorized by the Laboratory Director or a designee as verified by the following signature.



07/06/2016

Richard Westberg  
Lab Director, Columbia Basin Analytical Laboratories

Date

If you have any questions, please feel free to contact us at 509-545-4989 or email at [rwestberg@rjleegroup.com](mailto:rwestberg@rjleegroup.com).

**Attachment 1**

PBS Geotechnical laboratory Testing Results, SDG#s W605052  
Dated July 6, 2016.



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Environmental

June 9, 2016

Mr. Larry Lockrem  
RJ Lee Group, Inc.  
Columbia Basin Analytical Laboratories  
2710 North 20th Avenue  
Pasco, Washington 93301

Subject: Geotechnical Laboratory Testing  
Sample Delivery Group No. W605052  
PBS Project No. 63797.003  
PBS Sample ID H-0058

Dear Mr. Lockrem:

In accordance with your request, PBS Engineering and Environmental Inc. (PBS) has prepared this report summarizing the completed geologic core logging and aliquot sampling for Borehole C8706. Our services were performed per the request provided with Sample Delivery Group #W605052.

Samples were processed in accordance with the following procedures and inclusive standards and practices:

- Sample receipt per "Sample Receipt and Management" (RJ Lee Group procedure GEN-008.09)
- Core logging per "Geologic Logging of Soils" (GTL-009.00) and "Geologic Logging" (CHPRC procedure GRP-EE-01-7.0)
- Core aliquot sampling per "Sample Aliquot Collection" (GTL-011.00)

A total of 33 cores were processed to include 156 feet of geologically-logged sediment and eight aliquot samples, and are outlined in the following table:

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Sample Data Group# W605052 Borehole C8706						
Core	Core HEIS#	Depth (ft bgs)	Core Length (ft)	Aliquot Depth (ft bgs)	Aliquot HEIS#	
					TARL	TASL
1	B324N7	45.5-47.0	1.5	45.5-47.0	B35N87	B35N88
2	B324N8	47.0-49.0	2	-	-	-
3	B324N9	49.5-52.0	2.5	-	-	-
4	B324P0	52.2-57.2	5	-	-	-
5	B324P1	57.2-62.2	5	-	-	-
6	B324P2	62.2-67.2	5	62.9-64.9	B35N89	B35N90
7	B324P3	67.3-72.3	5	-	-	-
8	B324P4	72.1-77.1	5	-	-	-
9	B324P5	77.0-82.0	5	79.3-82.4	B35N91	B35N92
10	B324P6	82.2-87.2	5	-	-	-
11	B324P7	87.3-92.3	5	-	-	-
12	B324P8	92.2-97.2	5	-	-	-
13	B324P9	97.2-12.1	5	-	-	-
14	B324R0	102.1-107.1	5	-	-	-
15	B324R1	107.2-112.2	5	108.2-110.2	B35N93	B35N94
16	B324R2	112.1-117.1	5	-	-	-
17	B324R3	117.2-122.2	5	-	-	-
18	B324R4	122.5-127.5	5	-	-	-
19	B324R5	127.0-132.0	5	-	-	-
20	B324R6	132.0-137.0	5	135.4-136.9	B35N95	B35N96
21	B324R7	137.2-142.2	5	-	-	-
22	B324R8	142.2-147.2	5	-	-	-
23	B324R9	147.2-152.2	5	-	-	-
24	B324T0	152.1-157.1	5	-	-	-
25	B324T1	157.1-162.1	5	158.5-160.5	B35N97	B35N98
26	B324T2	162.1-167.1	5	-	-	-
27	B324T3	167.1-172.1	5	-	-	-
28	B324T4	172.1 - 177.3	5	-	-	-
29	B324T5	177.3-182.3	5	-	-	-
30	B324T6	182.3-187.3	5	183.3-185.3	B35N99	B35NB0
31	B324T7	187.3-192.3	5	-	-	-
Optional 1	B324T8	192.3-197.3	5	-	-	-
Optional 2	B324T9	197.3-202.3	5	198.3-201.3	B35NB1	B35NB2
			156 ft	8 Aliquots		

bgs: below ground surface

HEIS: Hanford Environmental Information System

TARL: TestAmerica Richland Laboratory

TASL: TestAmerica St. Louis Laboratory

Larry Lockrem  
Geotechnical Laboratory Testing,  
June 10, 2016  
Page 2 of 2

We appreciate this opportunity to work with you on this project. If you have any questions, or wish to further discuss our observations, conclusions, and recommendations, please contact me at 509.942.1600.

Sincerely,  
PBS Engineering and Environmental, Inc.



Sean M. Sexton  
Project Geologist

Attachment(s): A - Core Photographs  
B - Borehole Logs  
C – Work Order Core Chains of Custody  
D - Aliquot Sampling Chains of Custody

JR:SS

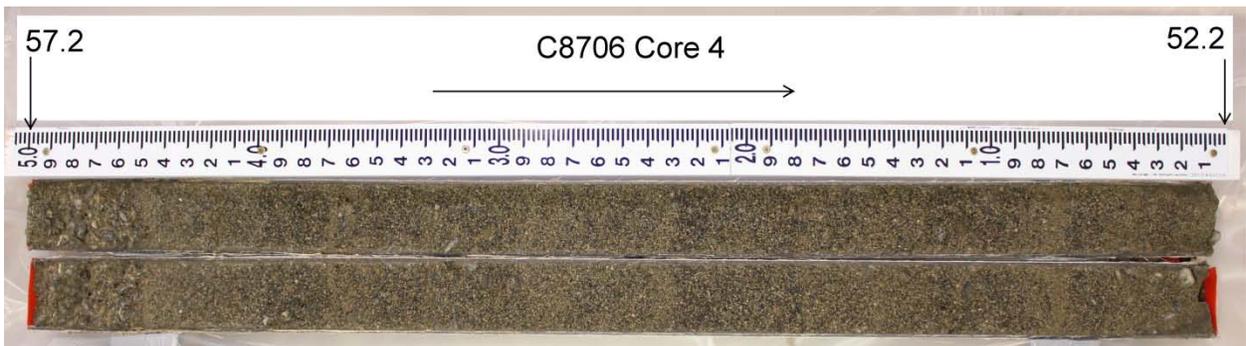
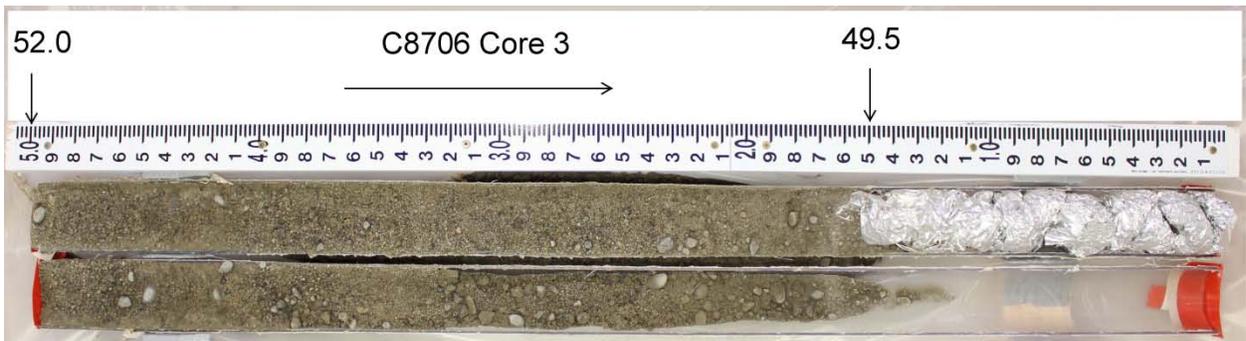
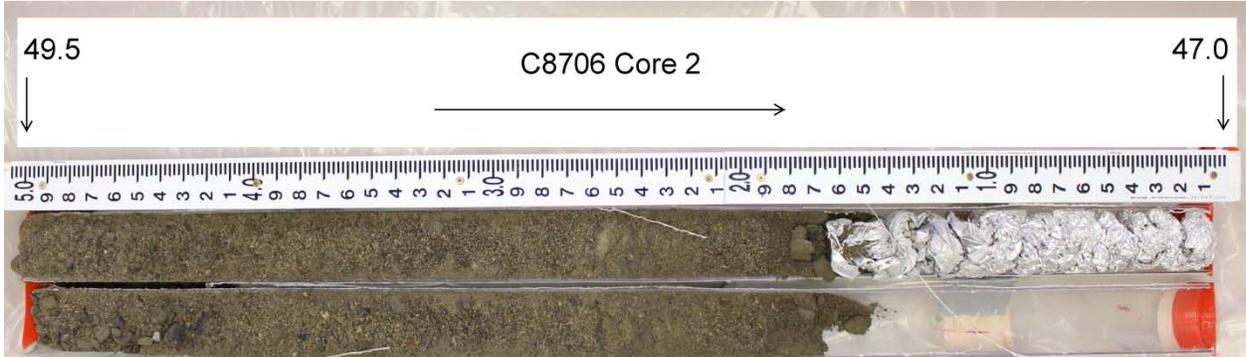


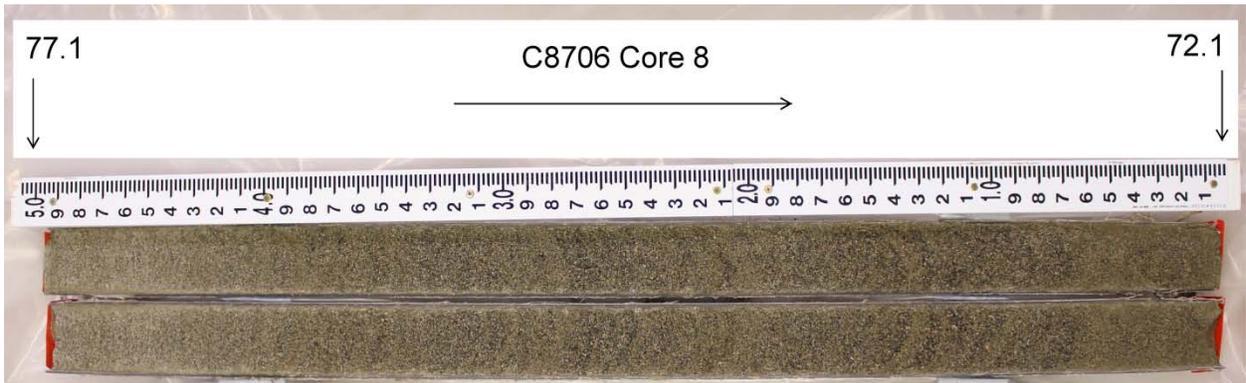
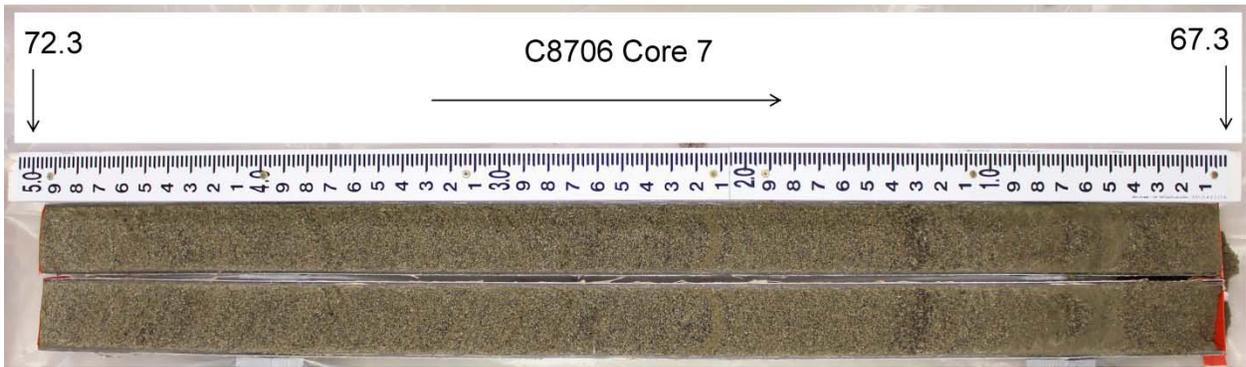
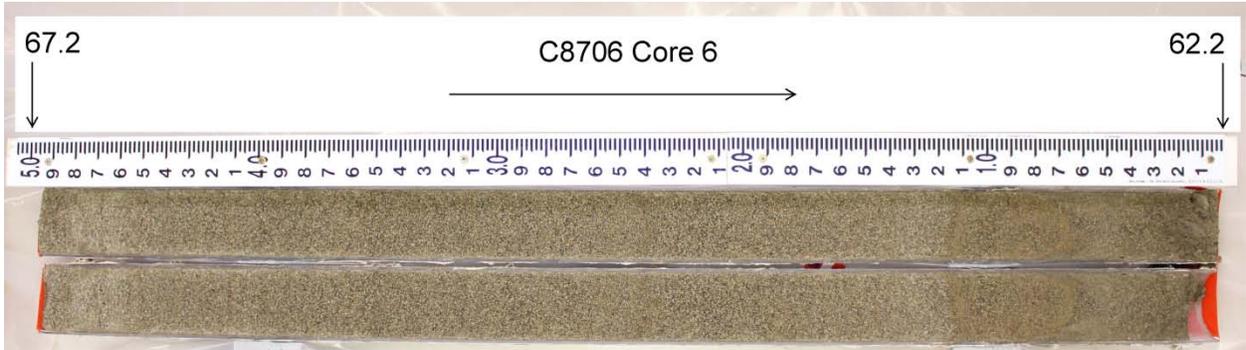
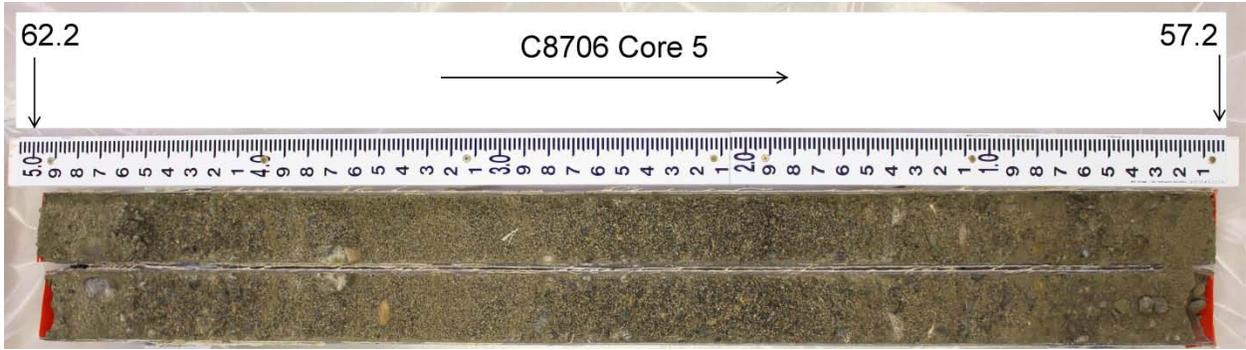
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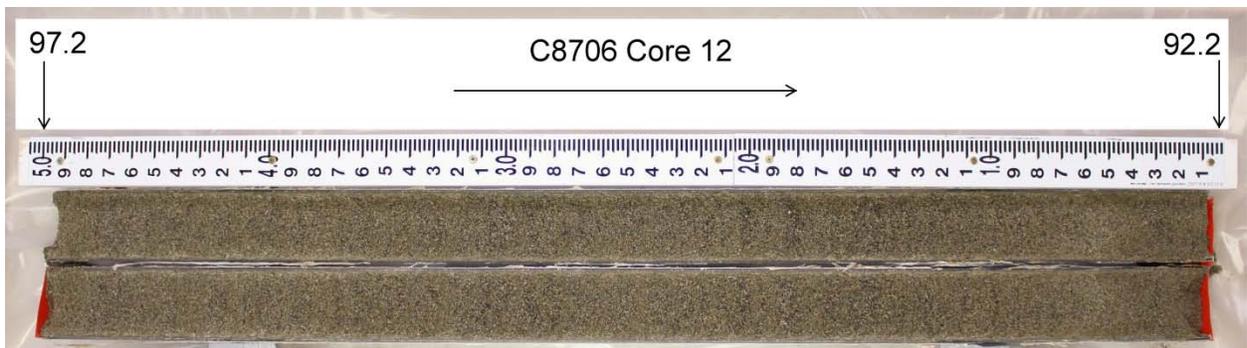
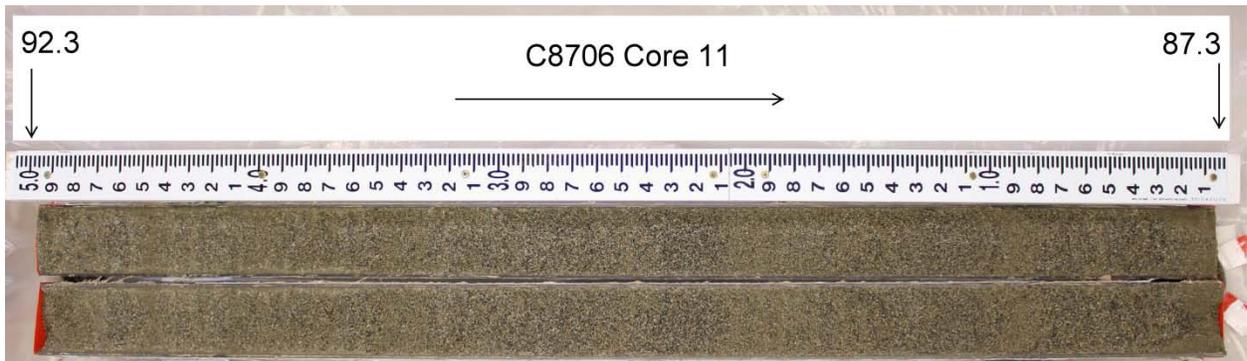
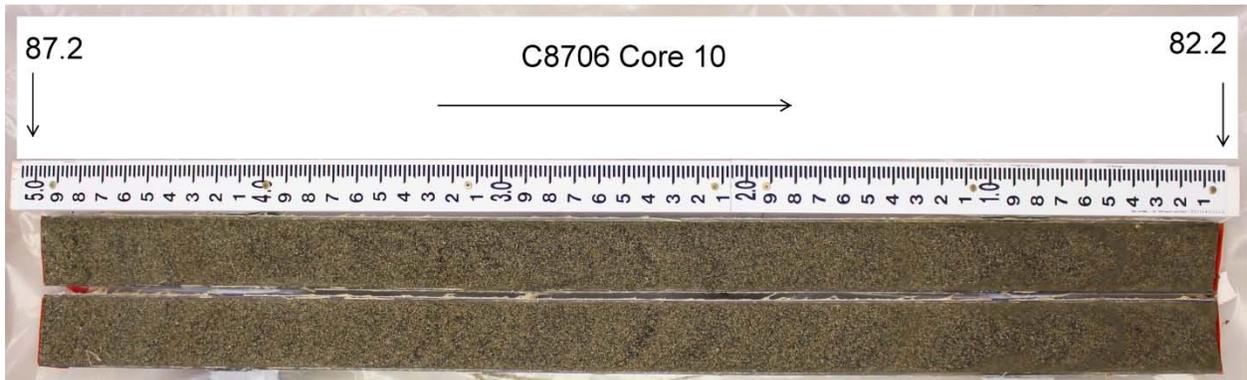
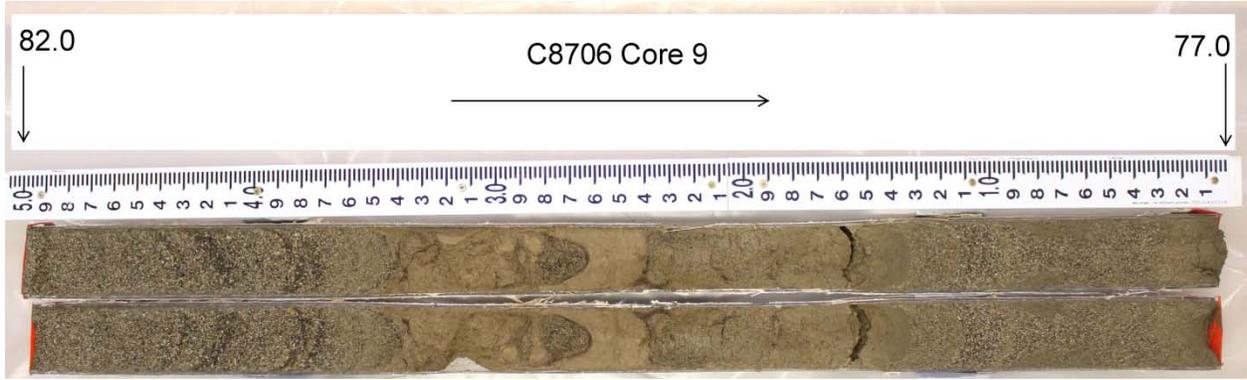
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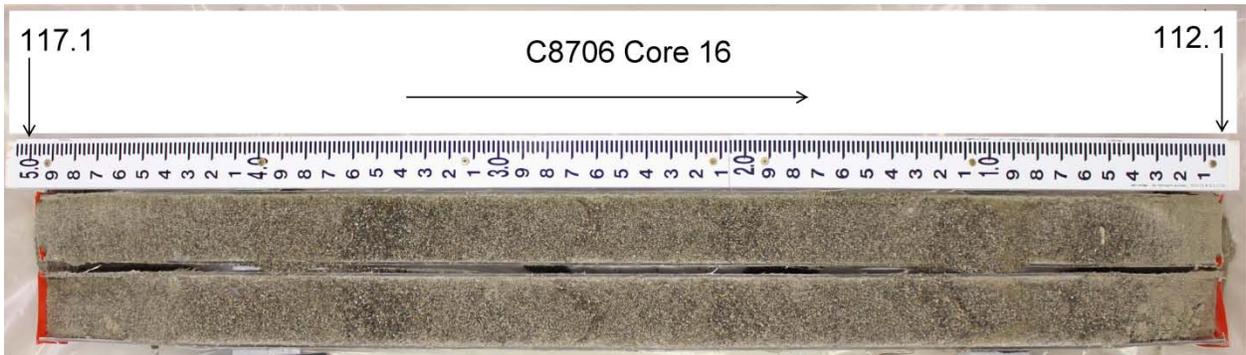
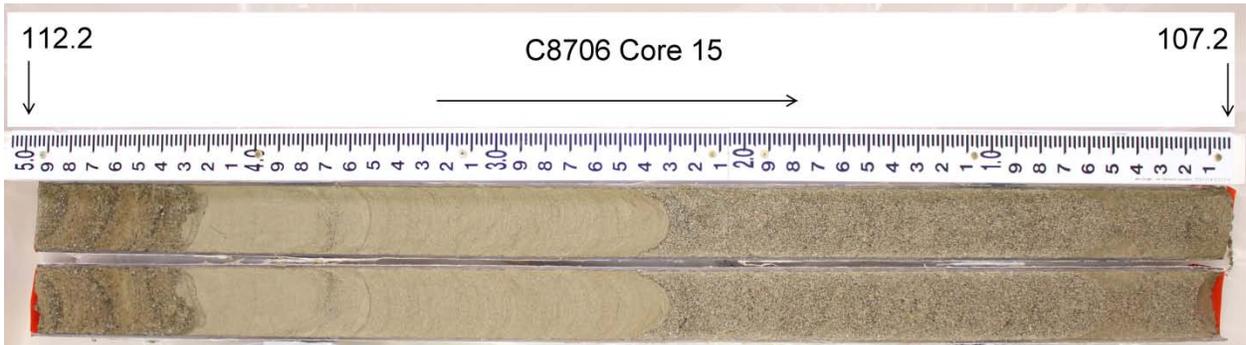
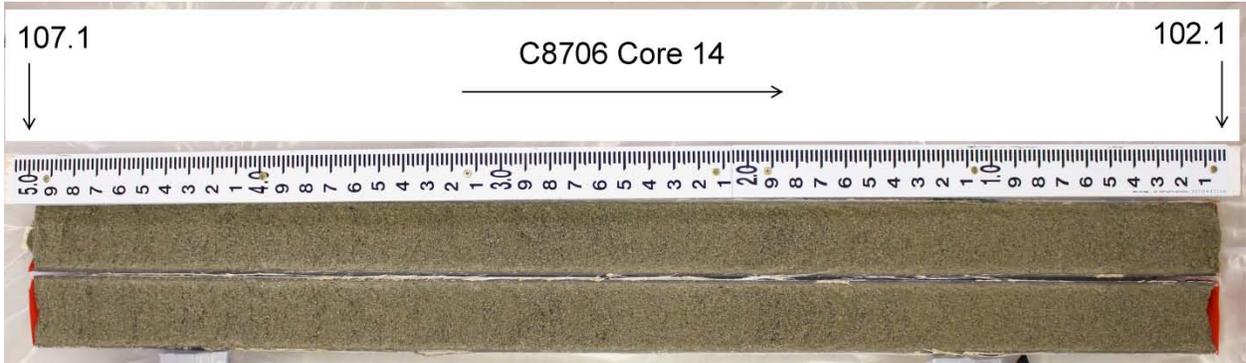
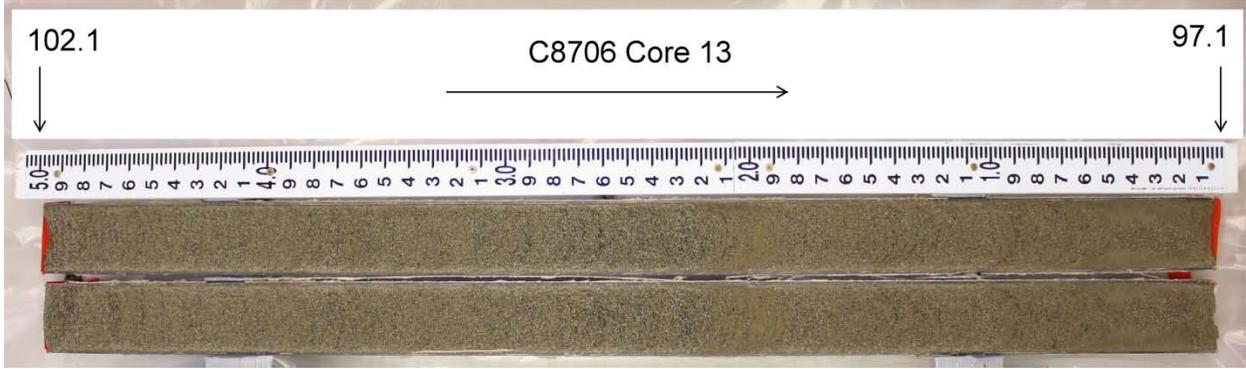
**ATTACHMENT A**  
**CORE PHOTOGRAPHS**

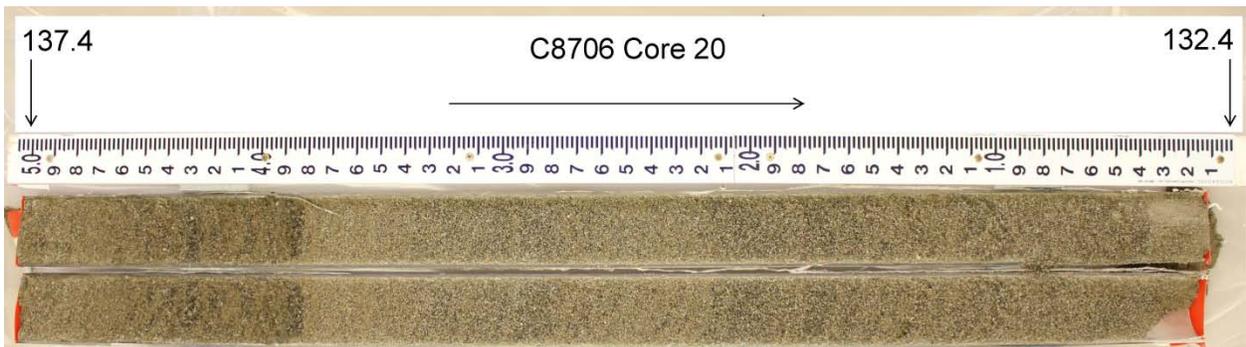
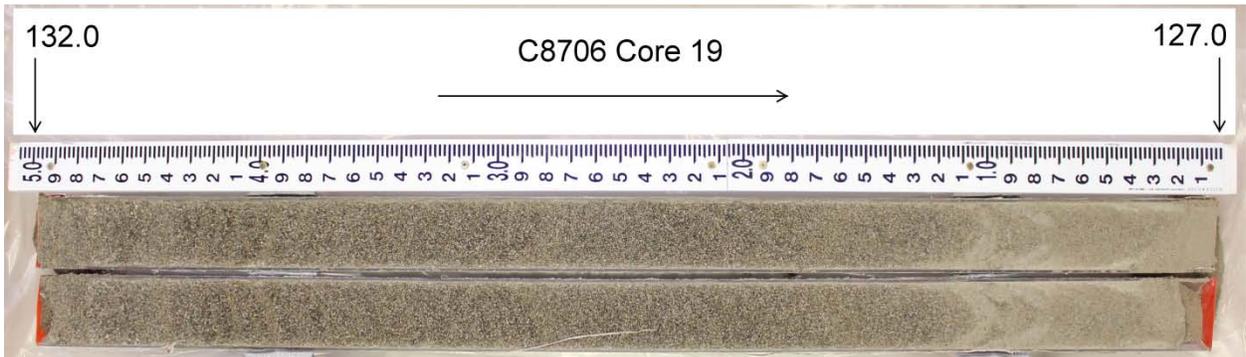
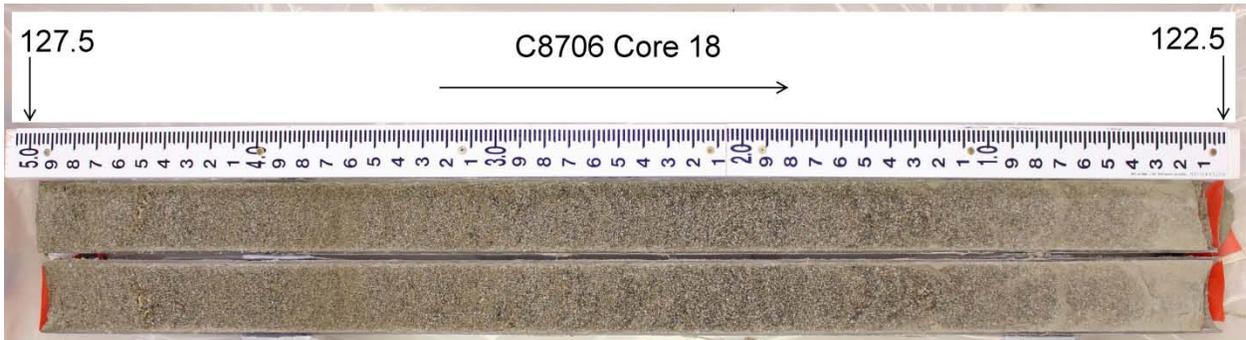
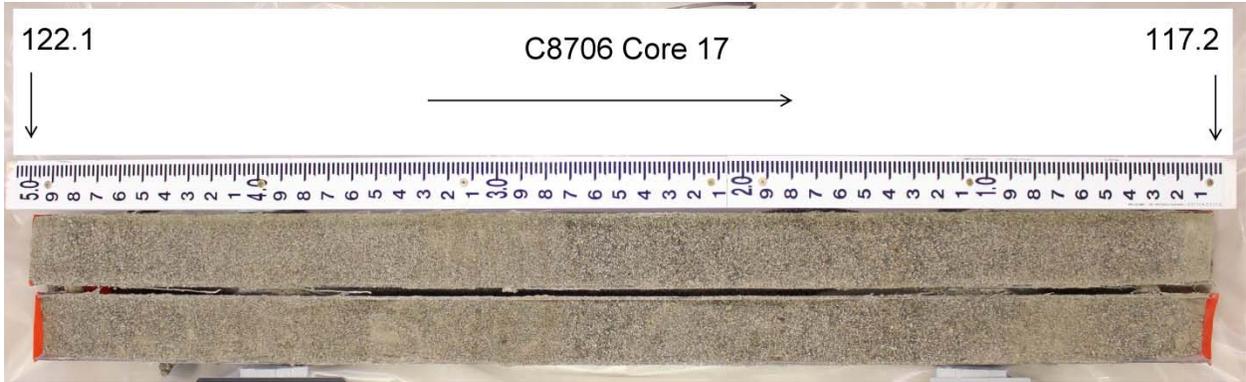
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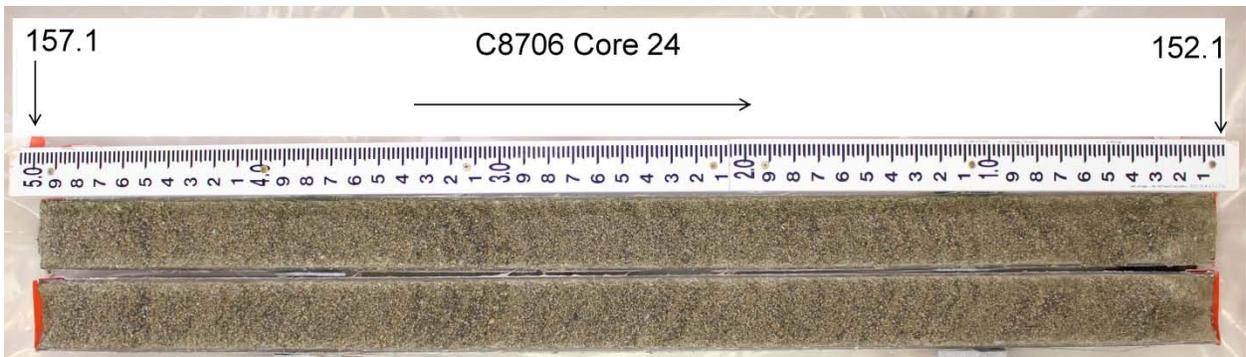
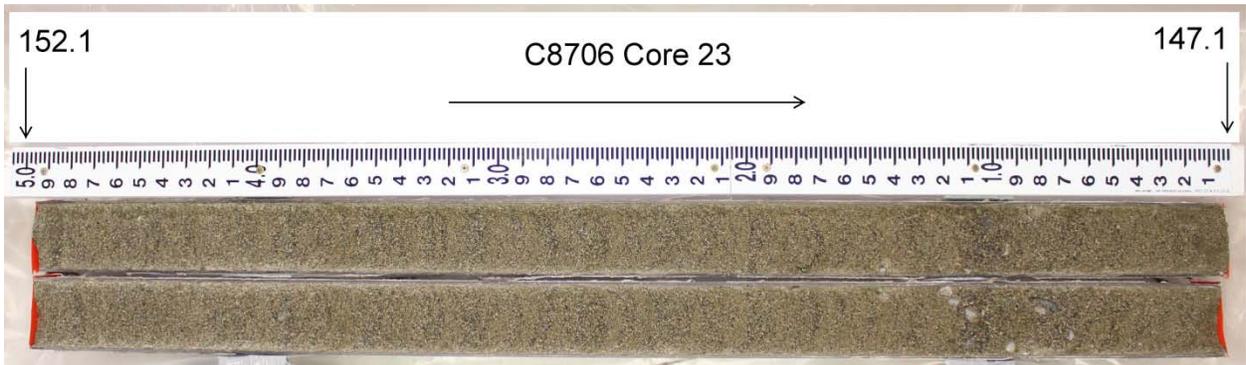
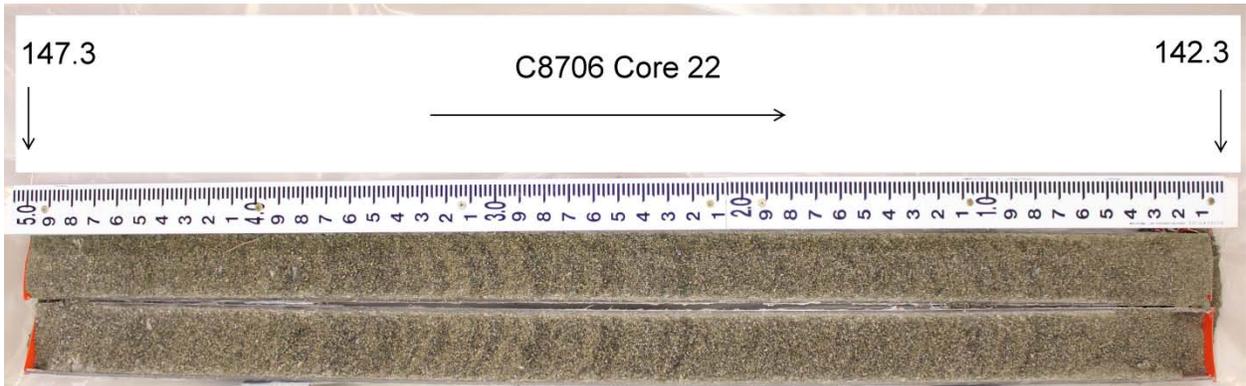
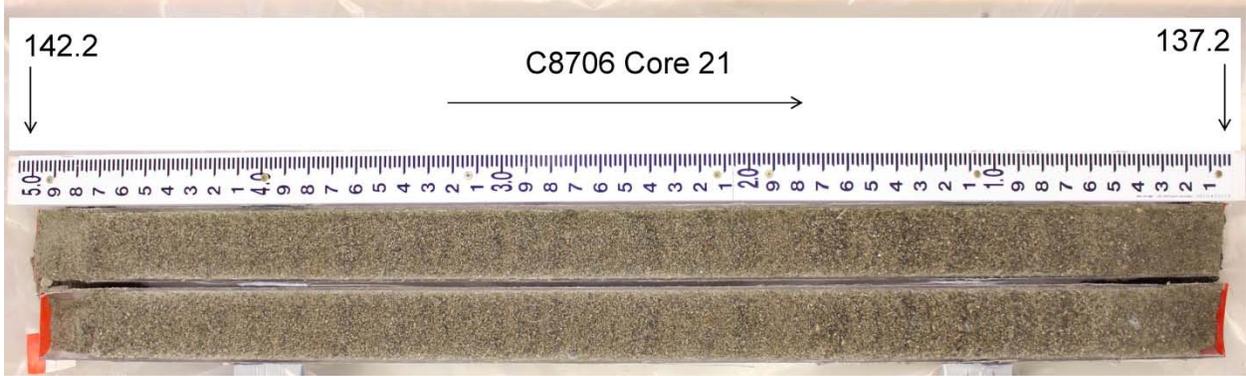


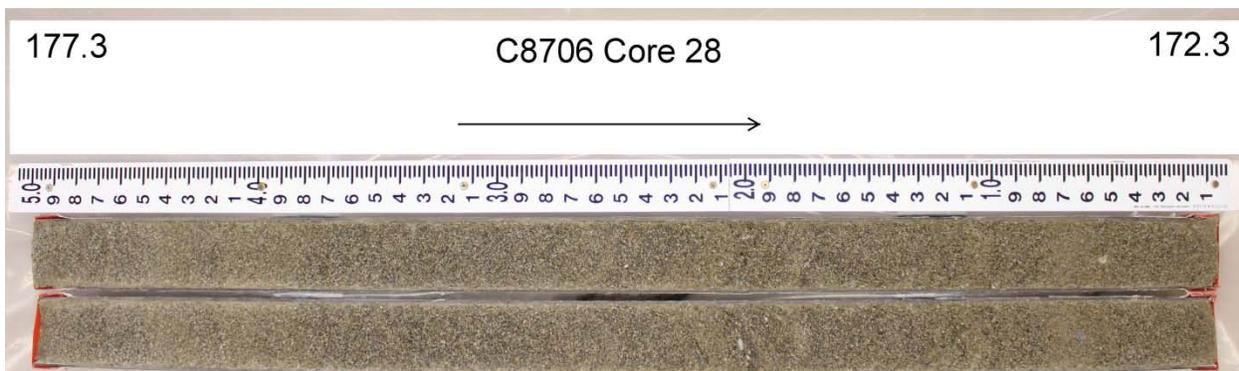
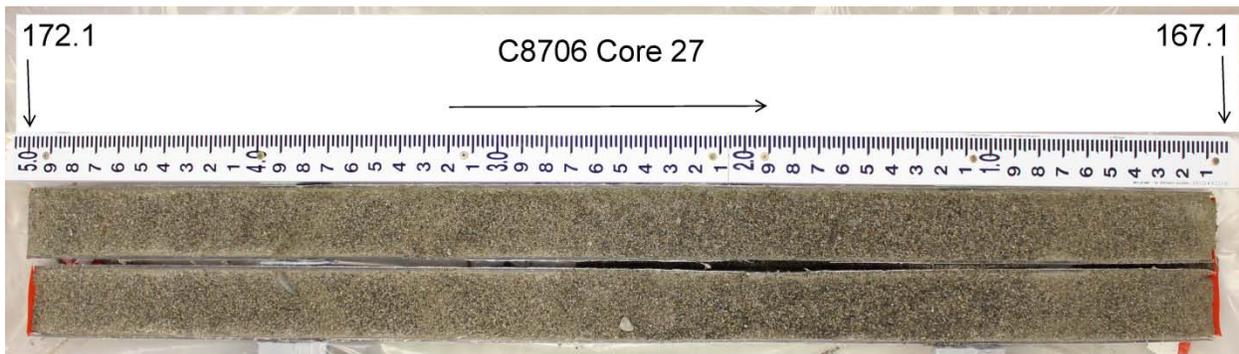
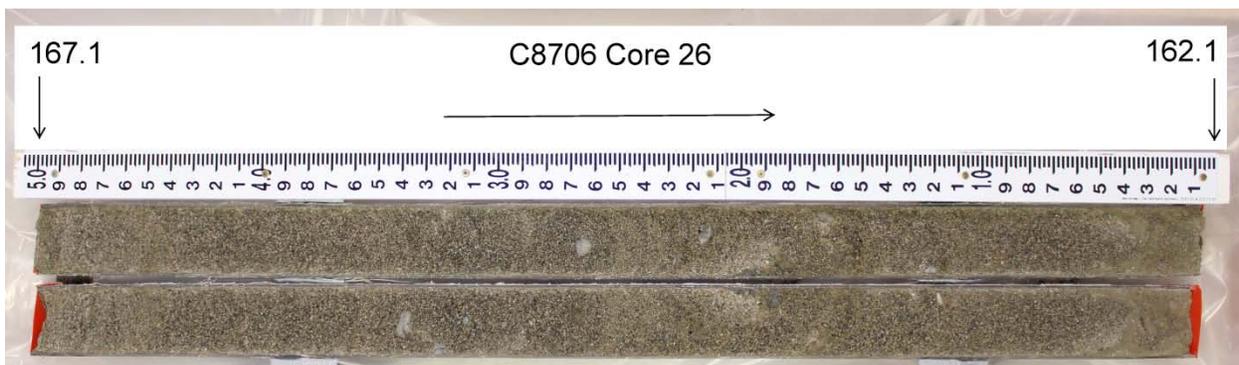
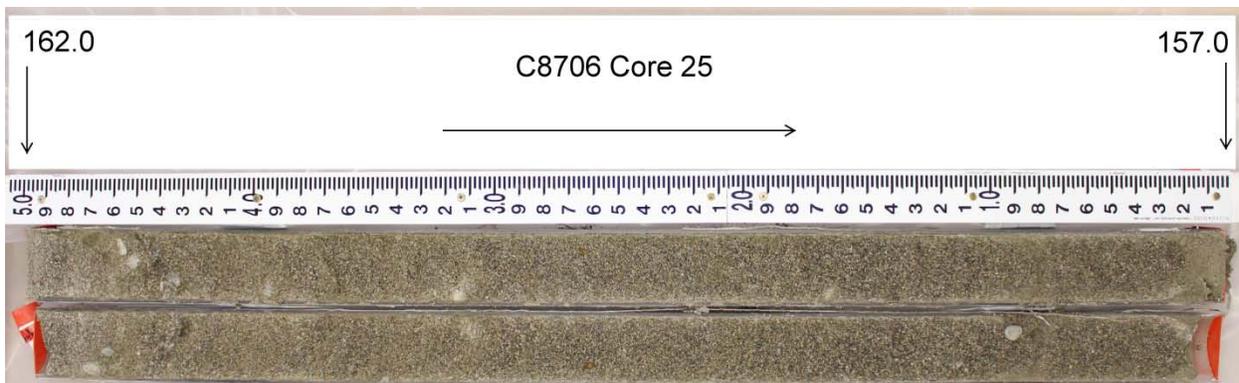


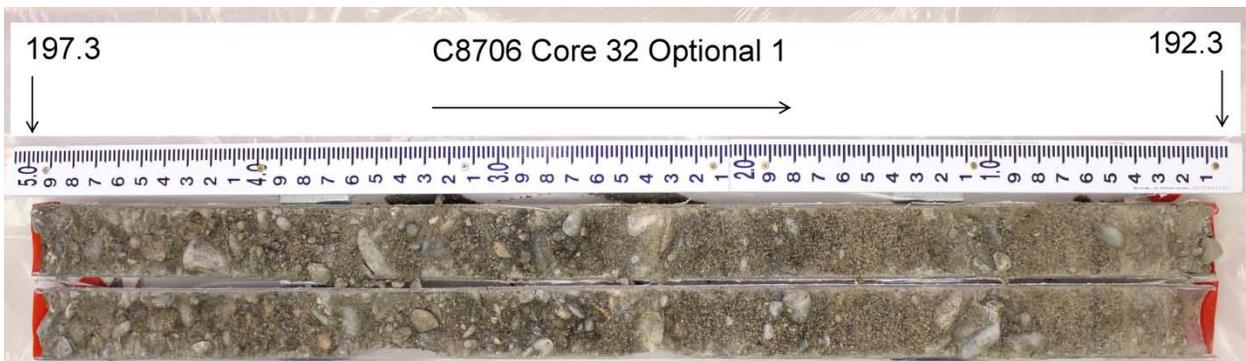
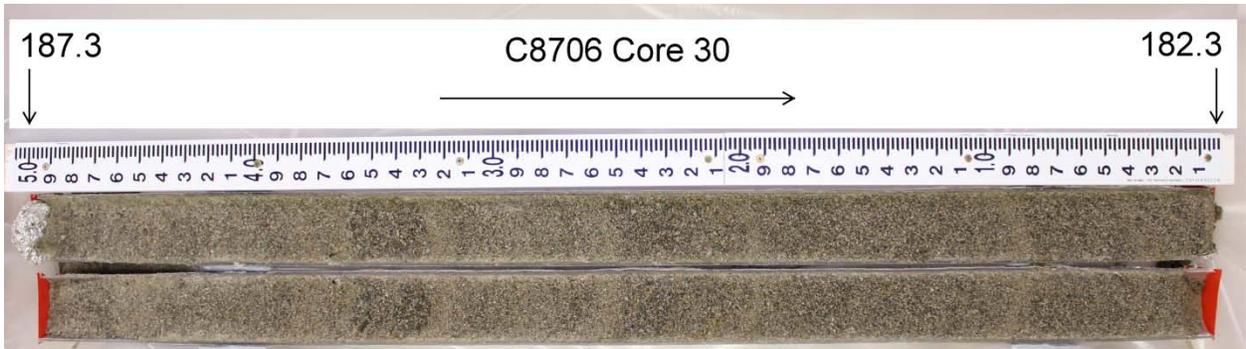
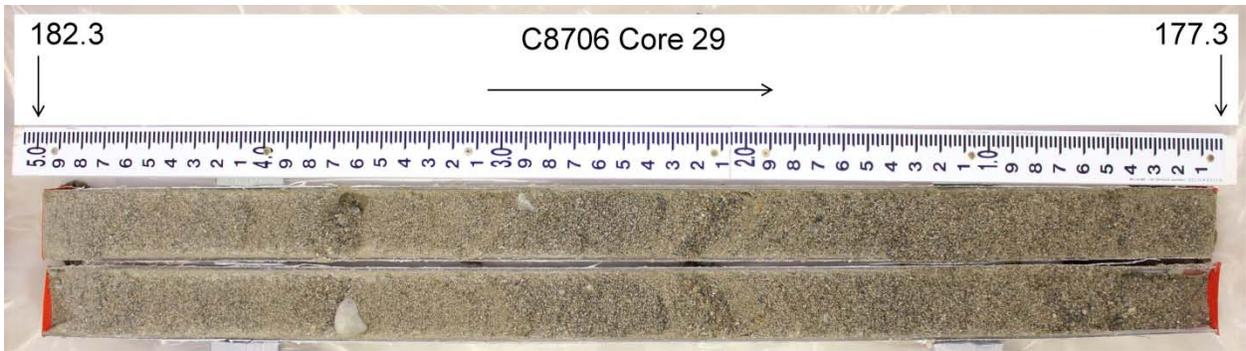
















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**ATTACHMENT B**

**BOREHOLE LOGS**

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Bend | Boise | Coos Bay | Eugene | Portland | Seattle | Tri-Cities | Vancouver | Walla Walla

BOREHOLE LOG				Page <u>1</u> of <u>14</u>	
Well ID: <u>C8706</u>		Well Name: <u>NA</u>		Date: <u>5/11/16</u>	
Project: <u>200-DV-1</u>			Location: <u>BY cribs 216-B-46 crib</u>		
Reference Measuring Point: <u>Ground Surface</u>					
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
0					0-45.3': DPT
2	B33B16	split spoon			2-4.5': Split spoon (SSp)
4	B33B17	split spoon			3.9-6.1': S.Sp.
6					5.9-8.4': S.Sp.
8					
10					/// : no recovery ███ : pulverized from overdrive.
20				not used / no core TC 6-7-16	
30					
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42.5					
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BOREHOLE LOG					Page 3 of 14
Well ID: C8706		Well Name: NA		Location: 216-B-4 <sub>br</sub> B	
Project: 200-DV-1			Reference Measuring Point: Ground Surface		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
50.0				49.5-51.0: Gravelly Sand (GS) (80% S, 20% G, 0% M) pr. srt'd. massive bed. f.-v.c. sub-mdd. S. of 50% mafic/50% felsic w. sub-rnd. v.f.-c. pbl. of 50/50% mafic/felsic comp. 2.57 1/2 H. olv. brn. moist. mod. rxn HCl.	Sonic w/ 4" X 5' core 49.5-52.0': Core 3: B324N9 Drilled 2-22-16 470 cm/100cm above bkgnd. By, OX
52.5				51.0-51.5: <del>slightly sorting</del> gravelly Sand (GS) (10% S, 80% G, 10% M) 10/6m coarse grained matl. same as above w/ added silt. pr. srt'd. v.f.-v.c. subang. S. of 50/50% mafic/felsic w/ v.f.- c. sub-mdd. -rnd. pbl. of 50%/50% mafic/felsic. 2.57 1/2 H. olv. brn. moist. no rxn HCl.	
52.5				51.5-49.5 with 51.5-52.0: Same as (49.5-51.0')	
53				52.2-52.6: gravelly Sand (GS) (80% S, 20% G, 0-5% M) pr. srt'd. <del>fining</del> m.-v.c. S. of 65% Qtz. flds/35% mafic w/ w. rnd. m.-v.c. pbl. of 80% meta./20% bsst. 2.57 1/2 H. olv. brn. no rxn HCl.	52.2-57.2': Core 4: B324P0
53.5				52.6-53.4: gravelly Sand (GS) (20% S, 40% G, 80-60% P of Q) coarsening. m.-v.c. ang. S. of 70% Qtz flds/30% mafic w/ v.f.-m. pbl. of bsst. + coarsening from v.f. pbl. to m. pbl. (coarsest pbl. s. of 70% meta./30% bsst.) @ 52.8': bed. of w. srt'd. m. ang. S. of 98% Qtz. flds. 2% mafic. 2.57 1/2 H. g. lsh. brn. no rxn HCl	
54				53.4-45.4: gravelly Sand (GS) (80% S, 20% G, 0% M) mod. srt'd. <del>coarsening</del> from m. S. w/ v.f. pbl. to v.c. S. w/ v.c. pbl. (Sand of 60%-50% felsic Qtz./40-50% mafic. trc. sub-rnd. pbl. of bsst. throughout. 2.57 1/2 g. lsh. brn. trc. m. mica.	
54.5				54.0-55.0: Sand (S) (95% S, trc. g., 0% M) v. w. srt'd. bed. of c.-v.c. S. of 70% Qtz. flds./30% mafic. w. trc. v.f. ang. pbl. of bsst. 2.57 1/2 H. olv. brn.	
55.0				grading to bed below. (coarsening down?) 55.0-55.9: gravelly Sand (GS) (70% S, 20% G, 10% M) v. pr. srt'd. m.-v.c. ang. S. of 50% felsic/50% mafic w/ pbl. s. of (90% v.f. pbl. + 10% c. pbl. of bsst. > meta. throughout. 2.57 1/2 H. olv. brn. moist. no rxn HCl)	
55.5				55.9-56.7: gravelly Sand (GS) (80-90% S, 20-10% G) fining. mod. srt'd. m.-v.c. S. of 50% felsic/50% mafic grading to f.-c. S. of 60% Qtz./40% mafic. 2.57 1/2 H. olv. brn. blk. rxn HCl. w/ v.f. pbl. in top of unit. 30 TC 6-16	
56.0				56.7-57.2: sandy Gravel (SG) (70% G, 60% S, 0% M) pr. srt'd. no fabric. f.-v.c. ang. S. of 80% Qtz. flds./ 20% mafic w/ f.-m. pbl. (w. rnd.) of 80% bsst./20% -discoidal gravel. no imbrication. meta > int. volc. 2.57 1/2 H. olv. brn. no rxn HCl.	
Reported By: A. Lantau			Reviewed By: T. Clark		
Title: Geo. Tech.			Title: Geologist		
Signature: A. Lantau		Date: 5-12-16	Signature: T. Clark		Date: 6/6/16

BOREHOLE LOG

Page 4 of 14

Date: 5-16-16

Well ID: C8706

Well Name: NA

Location: 21b-B-4b crib

Project: 200-DV-1

Reference Measuring Point: Ground Surface

Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
57.5				57.2-58.0: <del>generally Silty Sand (GS)</del> <sup>slightly silty</sup> <del>generally sand</del> <sup>generally sand</sup> <del>pr. srted. v.f.-c. S. of 60% Qtz. f.lbs.</del> <sup>pr. srted. v.f.-c. S. of 60% Qtz. f.lbs.</sup>	Sonic w/ 4" x 5' core 57.2-62.2: Core 5: B324P1
				40% mafic. w/ v.w. rndd. m.-c. pbl. of 50% mafic/50% felsic.	Drilled: 2-22-16
				non plastic, v. high dilatency. 2.5Y 5/2 grayish brn. st. rxn HCl	@ 57.2: 1275 <sup>lbm</sup> / 100cm <sup>2</sup> By/OK
60.0				58.0-58.8: <del>generally Sand (GS)</del> (80% S, 20% G, 0% m)	
				m.f. ang. S. of 70% Qtz. f.lbs./30% mafic. w/ v.w. rndd.	
				discoidal m.-c. pbl. of 80% meta./20% bsH. 2.5Y 5/4 lt. olv. brn.	
				no rxn HCl.	
				58.9-60.0: <del>generally Sand (GS)</del> (40% S, 10% G, 0% m)	
				more coarse bed. mod. srted. c.-v.c. sub-ang. S. of	
62.5				40% Qtz. f.lbs./60% mafic. w/ w. rndd. f.-vf. pbl. of	
				bsH. no rxn HCl. 2.5Y 4/2 drk grayish brn. no rxn HCl.	
				60.0-61.2: Sand (S) (95% S, 5% G, 0% m)	
				coarsening. mod. w. stratified. f.m. S. of 60-80% Qtz. f.lbs.	
				40-20% bsH. grading to f.-c. S. of 75% Qtz. f.lbs./30% mafic. 2.5Y 4/3 lt. olv. brn.	
				@ 61.0: 2" thick bed of m.-c. ang. S. w/ 20% G.	
				of v.w. rndd. c. pbl. of 100% meta.	
				@ 61.2: at contact 2" graded-faint bed of v.f.-c. S. of	
				75% Qtz. f.lbs./25% mafic color 2.5Y 5/6 lt. olv. brn. no rxn HCl.	
				61.2-62.2: <del>generally Sand (GS)</del> (75% S, 25% G, 0% m)	
				more coarse. pr. srted. mod. srted. c.-v.c. sub-ang. S. of	
				50% mafic/50% felsic. w/ v.w. srted. w. rndd. f. pbl. of 90% bsH./20% int. volv. > meta. 2.5Y 5/4 grayish brn.	
				no rxn HCl. sprs. v.c. pbl. of v.w. rndd. lapilli tuft.	
62.5				62.2-67.2: Sand (S) (100% S) tr. m.	62.2-67.2: Core #1/2: B324P2
				mod. to w. srted. w. stratified beds 1/2 to 3/4" thick	Drilled 2-22-16
				of m.-c. sub-ang. S. of 50% mafic/50% felsic.	62.9-64.9: Aliquot: B35N89, B35N90 (5.25.16)
				2.5Y 5/4 lt. brownish gray. no rxn HCl, moist.	
				@ 62.6-62.3: bed of Sand. darker. grading from	
				fn. sand to v.c. sub-ang. S. of 50-60% mafic/50-40% Qtz. f.lbs. w/ f. S. bed ~ 2-3mm thick on top	
				+ bottom colored 10YR 5/4 yellowish brown. moist no rxn HCl.	
				@ 64.6: 4mm layer of 10YR 5/4 yellowish brown colored	
				med. Sand. faint Fe staining - pervasive in layer.	

Reported By: A. Lantau

Reviewed By: T. Clark

Title: Geo. Tech.

Title: Geologist

Signature: A. Lantau

Date: 5-16-16

Signature: T. Clark

Date: 6/7/16

BOREHOLE LOG					Page 5 of 14
Well ID: C 8706		Well Name: NA.		Location: 21b-B-46 crib	
Project: 200-DV-1		Reference Measuring Point: Ground Surface.			
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
67.5				67.3-72.3' Sand (S) (100% S.) mod. w. stratified.	Sonic w/ 4" x 5' core
				mod. w. srtcd. m.-c. ang. S. of 60% felsic Qtz. fcls/ 40% mafic. 2.57 3/4 H. olv. brn. no rxn HCl. moist.	67.3-72.3' Core 7: B324P3
				@ 67.7-68.2' slightly silty sand (mS) (20% m, 80% S)	Drilled: 2-22-16
				v.f.-c. S. of 60% felsic, 40% mafic w/ matrix of non plastic	
				v. high delatency silt. 2.57 3/4 H. olv. brn. st. rxn HCl.	↓ coarsening (silt content decreasing w/ depth)
				@ 68.6' 1" bed of w.srtcd. v.c. slab. mtd. S. of 80% mafic/20% Qtz. fcls.	
				@ 69.4' 1/2" thick bed of w.srtcd. S. of 79% Qtz. fcls./trc. mafic.	
				@ 71.1' 1/2" bed of v.c. ang. S. of bslt. slightly inclined w 40% inclination.	
				@ 72.0' fat sps. 3mm Fe <sup>2+</sup> staining. patchy. no rxn HCl.	
				72.1-77.1' Sand (S) (79% S, trc. g, 0% m)	72.1-77.1' Core 8: B324P4
				w.srtcd. mod. w. stratified. 6" to 2.5' beds of c. Sand & m.-c. S. downward coarsening to v.c. subang. Sand.	Drilled 2-22-16
				72.1-72.7' m.-c. ang. S. of 80% Qtz. fcls./20% mafic. moist.	
				2.57 3/4 H. olv. brn. no rxn HCl. moist.	
				72.7-74.8' m.-v.c. subang. S. of 50% maf./50% felsic w/ trc. sps. v.f. pbl. of bslt.	
				@ 73.5' 1/2" thick v.f.-c. S. of 80% Qtz. fcls./20% mafic.	
				2.57 3/4 H. olv. brn. no rxn HCl. trc. f. mica.	
				74.8-76.0' massive mod. srtcd. c.-v.c. ang. S. bed of 50%/50% mafic felsic. 2.57 3/4 H. olv. brn. H. brnsh gray. no rxn HCl. trc. crs. mica.	
				76.0-77.0' mod. srtcd. m.-c. ang. S. of 70% Qtz./30% mafic.	
				@ 76.0' cont. 2mm. bed of v.f.-c. S. of 80% Qtz. fcls. 2.57 3/4 H. yellowish brn. no rxn HCl.	
				77.0-78.3' slight incline bed. ~20%	
				78.3-78.7' Sand (S) (100% S) v.srtcd. m. S. of 50% mafic	77.0-82.0' Core 9: B314P5
				50% felsic. same as above.	79.3-82.4' Aliquot 5-25-16
				78.7-80.4' 78.3-79.4' silty Sand (mS) (40% m, 60% S)	B35N91, B35N92
				↓ coarsening v.f. ang. S. of 50% maf./50% felsic w/ wet. low delatency silt. 2.57 3/4 H. yellowish brown. no rxn HCl.	@ 78.5 peak readings of 4,414 kPa
				(grading from v.f. S. to v.c. S.) 1/2" flame structure 2mm wide by 1" tall flowing from base of bed upwards into more coarse unit. flame structure colored 10YR 5/6 grayish brown. no rxn HCl.	
				79.4-80.4' Silt (M) (95% m, trc. s. trc. g).	
				low.-mod. delatency wet. silt. colored 10YR 5/3 brown. no rxn HCl. w/ v.f.-c. ang. S. 50%/50% mafic/felsic.	
				w/ sps. trc. ang. f. pbl. of bslt.	
				- Next pg. 6	
Reported By: Adantou.			Reviewed By: Tessa Clark		
Title: Geo. Tech.			Title: Geologist		
Signature: A. Lento		Date: 5/16/16	Signature: [Signature]		Date: 6/7/16





BOREHOLE LOG					Page 8 of 14
Well ID: C8706		Well Name: NA		Location: 216-B-4/6 cr.b	
Project: 200-DV-1			Reference Measuring Point: Ground Surface		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
102.5				102.1-107.2 Sand (S) (100%) mid. srtcd. v.f. m.-c. ang. S. of 85% Qtz. filds/15% mafic. 2.5Y 7/1 Lt. olv. brn. moist. no rxn HCl. moist. abnt. f. mica. 2.5Y 7/3 Lt. y. lsh. brn.	Soilc w/4"X5' core 102.1-107.1: Core 14: B324R0 Drilled 2-23-16 No sigs of overdrive.
105.0				102.1-104.0: faint 3-5mm. beds of v.f.-m. S. of 99% Qtz. filds/trc. mafic. 2.5Y 7/4 Lt. olv. brn. moist. no rxn HCl.	
107.5				107.2-109.5: Sand (S) (100%) massive bed. v.w. srtcd. m.-v.c. Sand of 85% Qtz/15% mafic. 2.5Y 7/3 Lt. y. lsh. brn. no rxn HCl.	107.2-112.2: Core 15: B324R1 Drilled 2-23-16
110.0				109.5-111.5: Sand (S) (100%) v.w. srtcd. v.w. strat. v.f. m.s. of 85% Qtz. filds/15% mafic. 2.5Y 7/2 light gray. no rxn HCl. v.f. lamina & fil. ments of m. & v.f. Sand. 5mm. patchy Fe <sup>+</sup> staining.	109.2-110.2: Aliquot: B-25-16 B324N94, B324N93 B324N94, B324N93
112.5				111.5-112.2: silt. sand (m.s) (90% S, 10% G, 0% M) w. srtcd. w. stratified. v.f. s. grading to c. s. w/ m. matrix. Coarsening & m. → v.f. S. 2.5Y 7/3 Lt. olv. brn. no rxn HCl.	@ 110.9' 1/57 dpm/100cm <sup>2</sup> by ox slight inclined bedding 1-2" thick.
115.0				112.1-117.1: Sand (S) (90% S, 10% G, 0% M) mod. srtcd. mod. w. stratified. 6" to 2' beds. downward coarsening. from m.-c. ang. S. to v.c. S. w/ v.f. pbl. of 30% Qtz. filds/70% bslt. 2.5Y 7/4 Lt. gray. dry. no rxn HCl.	112.1-117.1: Core 16: B324R2 Drilled 2-23-16 Top pulverized from above drive
117.5				117.2-122.2: Sand (S) (99% S, trc. G, 0% M) mod. srtcd. pr. stratified. & coarsening 2-5' beds of m.-c. ang. S. of 70% Qtz/30% mafic grading to c.-v.c. sub-ang. S. of 70% Qtz/30% mafic w/ trc. w. rndd. f. pbl. of bslt. no rxn HCl. dry. 2.5Y 7/2 Lt. gray. v. unconsolidated.	117.2-122.2: Core 17: B324R3
120.0				@ 120.0': Top of 2.5' bed. grading from f.-c. S. grading to v.c. S.	
Reported By: A. Lantau			Reviewed By: Tessa Clark		
Title: Geo. Tech			Title: Geologist		
Signature: A. Lantau		Date: 5.16.16	Signature: Tessa Clark		Date: 6/7/16

BOREHOLE LOG					Page 9 of 14
Well ID: C5706		Well Name: NA		Location: 21b-B-4berib	
Project: 200-DV-1			Reference Measuring Point: Ground Surface		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
122.5		#17		122.5-127.5: Sand (S) (98% S, 2% G, trc. m) R. srt'd. w/ stratified, c.-v.c. ang. s. of 70% Qtz. flds. 30% mafic w/ coarseening 1.5-2' beds. coarsen from m.-c. s. to c.-v.c. s. w/ trc. v. f. pbl. of bslt. 2.57 5/8 H. gray. dry. no rxn HCl. v. unconsolidated. sprs. mica. sprs. 7mm. Fe staining - splotchy.	Sonic w/ 4" x 5' core. 122.5-127.5: Core 18: B324R4
125.0		#18		124.9-127.5: Sand (S) (99% S, trc. m) v.w. stratified, med.-v.w. srt'd. beds. of 2"-6" thick beds of m.-v.c. ang. s. of 80% Qtz. flds. + 2-5mm thick beds of f.-m. s. of 90% Qtz. flds. / 10% mafic 2.57 5/8 H. olv. brn. sprs. 5mm beds of Sand w/ 1/8" s. 1716 sprs. clay chips or saprolitic chips 2-4mm. of Tan, black, olive green + red brown. throughout coarse grained beds. Unit coarsens downward from bedded f. + c. Sands to 1 massive + coarsening bed of Sand from f.-c. s. to c. s. (v.w. srt'd.) - @ 127.0': 1/2" thick bed of saprolitic w. f. pbl. of Tan Qtz. >> brn. Qtz. > greengray into volc. > red brn. mafics. (2-4mm in size)	Top pulverized from above drive.
127.5		#19		127.0-132.0: Sand (S) (100% S, 0% G, 0% M) mod. srt'd. massive bed. med.-c. s. of 60% Qtz. flds. 40% mafic w/ sprs. v.c. sub-ang. s. of 60% Qtz / 40% mafic. 2.57 5/8 H. olv. brn. dry. no rxn HCl	127.0-132.0: Core 19: B331RS Drilled 2-24-16
130.0		#20		@ 130.0': faint 1" bed of m. s. of 80% Qtz. flds. / 20% mafic. 2.57 5/8 H. olv. brn. no rxn HCl. TC 6-7-16	Top + bottom overdriven. Pulverized.
132.5		#20		132.4-136.2: Sand (S) (100% S) mod.-v. srt'd. beds. 2-6" thick + stratifying of + downward coarsening of m.-v.c. sub-ang. s. of 50-80% Qtz. flds. / 50-20% mafic. 2.57 5/8 H. brownish gray moist no rxn HCl. sprs. f. mica.	132.4-137.1: Core 20: B324R6 Drilled 2-24-16
135.0		#20		136.2-137.4: gravelly Sand (S) (80% S, 20% G, trc. m) stratified into v.f.-m. s. + mo. v.c. sub-ang. s. of 75% Qtz. flds. / 25% mafic. no rxn. HCl. 2.57 5/8 H. olv. brn. w/ v.f. - f. pbl. of bslt.	135.4-136.9: Aliquot 5-26-16 B35N95, B35N96
Reported By: A. Lantau			Reviewed By: Tessa Clark		
Title: Geo. Tech.			Title: Geologist		
Signature: Aaron Lantau		Date: 5-17-16	Signature: Tessa Clark		Date: 6/7/16

BOREHOLE LOG					Page 10 of 14
Well ID: C9706		Well Name: NA		Location: 216-B-46 crib	
Project: 200-DV-1			Reference Measuring Point: Ground Surface		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
137.5				136.2-137.4: gravelly Sand (gs) (80% S, 20% G, trace M) mod. srt'd. pr. stratified downward coarsening beds 2" thick of u.f.-m.s. & m.-v.c. sub-ang. S. of 75% Qtz. flds/25% mafic. w. sub-rndd. v.f.-f. pbl. of bsht. throughout. 2.57 3/4 ft. olv. brn. moist no rxn HCl.	Senic w/4'x5' core
137.5				137.2-138.9: Gravelly Sand (gs) (80% S, 20% G, 0% M) v.pr. srt'd. m.-v.c. sub-ang. S. of 50% felsic/50% mafic. w/ sub-rndd. v.f.-f. pbl. of bsht. + sprs. w. rndd. m. pbl. of bsht. weakly stratified. w/ faint beds of c. & v.c. S. 2.57 3/4 ft. olv. brn. no rxn HCl moist. no Fe staining.	137.2-142.2: Core 21: B324R7 Drilled 2-24-16
140				138.9-142.2: Sand (S) (100% S) massive bed of m.-v.c. sub-ang. S. of 50% Qtz. flds/ 50% mafic. 2.57 3/4 ft. olv. brn. no rxn HCl.	Pot. & fining. sharp contact
142.5				142.3-147.3: gravelly Sand (gs) (80% S, 20% G, 0% M) mod. w. srt'd. v.w. stratified m.-c. ang. S. of 50% to 60% Qtz. f. f. f. f. w/ 50-40% mafic. 2.57 3/4 ft. olv. brn. w/ 1-2" beds of pebbly Sand of v.c. S. of 70% Qtz. flds./30% mafic. w/ v.f. sub-rndd. pbl. of bsht. moist no rxn HCl.	142.3-147.3: Core 22: B324R8 Drilled 2-24-16
145.0				v. gradual & coarsening. from m.-v.c. S. overall. sprs. w. rndd. m. pbl. of bsht. int. vol. faint 20-50% inclined bedding. sprs. mica & pyrite.	
147.5				147.1-148.2: Gravelly Sand (gs) (80% S, 20% G, 0% M) coarsening. pr. srt'd. bed of m.-v.c. ang. S. of 60% Qtz. flds./40% mafic w/ v.w. rndd. c. pbl. of 90% mica/10% bsht. 2.57 3/4 ft. olv. brn. moist no rxn HCl	147.1-152.1: Core 23: B324R9 Drilled 2-24-16
150.0				148.2-152.1: Sand (S) (100% S) mod. srt'd. mod. stratified. m. S. of 90% Qtz. flds./10% mafic. w/ 2-3" beds of c.-v.c. ang. S. of 70% Qtz. flds 30% mafic. 2.57 3/4 ft. brownish gray grayish tan. no rxn HCl. TC 6-7-16	
152.5				148.2-155.2: Sand (S) (100% S) mod. srt'd. m.-v.c. sub-ang. S. of 50% mafic/50% felsic 2.57 3/4 ft. brownish gray. moist. no rxn HCl. faint. 1/2" inclined beds of 70% mafic/30% felsic c. ang. Sand.	152.1-157.1: Core 24: B324T0 Drilled 2-24-16
154.5					not overdriven.
Reported By: A. Zentau			Reviewed By: Tessa Clark		
Title: Geo. Tech.			Title: Geologist		
Signature: Aaron Zentau		Date: 5/17/16	Signature: [Signature]		Date: 6/7/16

BOREHOLE LOG				Page 11 of 14	
Well ID: C8706		Well Name: NA		Location: 216-B-46 crib	
Project: 200-DV-1		Reference Measuring Point: Ground Surface		Date: 5-17-16	
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
155.0 <del>154.5</del> TC 6-7-16		100% #27		155.2-157.1: gravelly Sand (s) (80% S, 20% G) 0% m fining. sub-rnd. fr. pbl. of bslt. grading to pr. srt. m.-v.c. S. of 70% Qtz. flds/30% mafic. 2.5Y 5/2 grayish brn. moist no rxn HCl.	152.1-157.1: Core 24: B324T0 Drilled 2-24-16 not over driven.
157.0		100% #27		157.0-162.0: gravelly Sand (s) (90% S, 10% G, 0% m) pr. srt. pr.-mod. stratified 3'-2' beds. of m.-v.c. S. & m.-v.c. S. w/ f.-c. w. rnd. pbl. of 50% bslt/50% meta. 2.5Y 5/2 H. olv. brn. no rxn HCl. abnt. mica. Sand of 75% Qtz/25% mafic. sprs. 10mm Fe <sup>+</sup> staining w/ abnt. ~20% Fe <sup>+</sup> oxidation or weathering of mafic grains of sand. wk. carbonate rinds developing under larger clasts.	157.0-162.0: Core 25: B324T1 Drilled 2-24-16 158.5-160.5' Aliquot 5-25-16
160.0	B324T7 B324T8 5-25-16	100% #27		162.1-167.0: gravelly Sand (s) (90% S, 10% G, 0% m) v. pr. srt. m.-v.c. sub-mg. S. of 60-70% Qtz. flds/40-50% felsic w/ v.w. rnd. c. pbl. of bslt. slightly weathered clasts. abnt. weathered crs. grained mafics. Fe staining. 1-3mm filaments of carbon throughout. 2.5Y 5/2 olive gray moist no rxn HCl TC 6-7-16 6H16 olive gray	162.1-167.0: Core 26: B324T2 Drilled 2-24-16
162.5		100% #26		167.1-172.0: Sand (S) (98% S, trace G) 0% m pr. srt. m.-v.c. S. of 70-75% Qtz. flds/25-30% mafic. w/ sprs. n.-v.c. pbl. of bslt. massive 6"-2' bedding of above material + 6" beds of C. ang. S. of 50% mafic 50% felsic comp. overall 2.5Y 5/2 H. olv. gray moist no rxn HCl. sprs. 4mm Fe <sup>+</sup> staining	167.1-172.0: Core 27: B324T3 Drilled 2-25-16
165.0		100% #26		172.1-177.3: Sand (S) (98% S, 2% G) 0% m Gravel: vf pebbles - small cobbles; 40% mafic 40% felsic; SR Sand: m.-v.c. SA, 70% Qtz Felsic, 30% mafic; 2.5Y 5/2 light olive brn; dry, no rxn w/ HCl, mod. sorted. - 4mm iron staining	172.1-177.3: Core 28: Drilled 2-25-16
167.5		100% #27			
170.0		100% #27			
172.5		100% #28			

Reported By: A. Foster / Jen Russell	Reviewed By: Tessa Clark
Title: Geo. Tech. / Geologist	Title: Geologist
Signature: Aaron Foster / Jen Russell	Signature: Tessa Clark
Date: 5-17-16	Date: 6/7/16

6-2-16

BOREHOLE LOG				Page 2 of 14	
Well ID: C8706		Well Name: NA		Date: 5-18-16	
Project: 200-DV-1			Location: 21B-B-46 crib		
			Reference Measuring Point: Ground Surface		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
175.0	172.3-177.3	100% rec. #28		172.1-177.3: Sand(S) (94% S, 2% G) Gravel: v.f. pcb-sm cob; 60% Mafic, 40% felsic, SR; Sand: m-vc, SA, 70% Qtz felsic, 30% Mafic; 2.5Y 5/3 lt. drk brn; dry, no rxn w/HCL, mod sort. - ~4mm iron staining throughout - f-c grained from 172.9-173.0	Sonic w/ 4" x 5' core Core 28 Drilled 2-25-16
177.5	177.3-182.3	100% #29		177.3-182.3: gravelly Sand (gs) (90% S, 10% g, 0% m) mod-p. str. well stratified, beds 2" to 6" thick of c.v.c. ang. S. of 80% Qtz. felds. / 20% mafic. w/ v.f. ang. pl. of bslt.; trc. w. redd. m. pl. of bslt. throughout. inclined beds ~50% grading. 2.5Y 1/2 H. brnish gray. no rxn HCL. 177.3 @ 179.0: 1" thick bed of sand (w/ trc. g.) (95% S, trc. g.) 70% Qtz. fids. / 10% mafic. m.c. ang. S. w/ f. pl. of bslt. 2.5Y 1/3 H. glush. brn. no rxn HCL. ~50% inclined. 179.0: 1" thick sandy gravel bed. ~50% inclined of (75% g, 25% S, 0% m) c.v.c. ang. S. of 80% Qtz. fids. 20% mafic. w/ v.f. -f. ang. -subang. pl. of 90% bslt., 10% meta. 2.5Y 3/1 v. drk gray. no rxn HCL.	177.3-182.3: Core 29: B324T 5 Drilled 2-25-16
180.0	177.3-182.3	100% #29		177.3-182.3: Gravelly Sand (gs) (90% S, 10% g, 0% m) mod. str. c.v.c. ang. S. of 85% Qtz. fids. / 15% mafic. w/ sps. v.w. redd. sm. cbl. of meta. 2.5Y 1/3 H. glush. brn. no rxn HCL.	TC 6-7-16 TC 6-7-16
182.5	182.3-187.3	100% rec.		182.3-187.3: Gravelly Sand (gs) (85% S, 15% g, 0% m) mod-partially sorted Sand: 80% Qtz felsic, 20% mafic. m-vc, Sang-ang. Gravel: 50% felsic, 50% Mafic. v.f. peb-vc peb, SR-SA; 2.5Y 5/1 gray; dry; no rxn w/HCL - f-c sand 183.3-183.4' / 184.3-184.8: vc peb-sm cobbles 185.6-185.9: coarse-vc pebbles, dec. r. sand content	183.3-185.3: Core 30 B324T 6 Drilled 2-25-16

Reported By: A. Lanton / Jen Russell  
 Title: Geol. Tech. / Geologist  
 Signature: Aaron Lanton / Jen Russell Date: 5-18-16

Reviewed By: Tessa Clark  
 Title: Geologist  
 Signature: [Signature] Date: 6/7/16

6-2-16

BOREHOLE LOG				Page 13 of 14	
Well ID: C8706		Well Name: N/A		Date: 5-18-16	
Project: 200-DV-1		Location: 216-B-46 crib			
Reference Measuring Point: Ground Surface					
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
187.5				182.3-187.3: Gravelly Sand (GS) (95% S, 15% G, 5% M) Mod-poorly sorted; Sand: 80% felsic, 20% mafic, m-vc, SA-A; Gravel: 50% felsic, 50% mafic, vfpb-vc.pfb; SR-SA; 2.5Y 5/1 Gray; dry; no rxn w/HCl	Sonic w/4"x5' core.
187.5				187.3-189.0: Sand (S) (100% S) mod. srt'd. massive bedding. c.-v.c. ang. S. of 95-90% Qtz. flds/15-10% mafic. f.c. f. pbl. of bst. 2.5Y 1/2 H. y. wh. brn. moist. no rxn HCl. 20-25% S	187.3-192.3: Core 31: B324 T7
190.0				189.0-? : Silt Gravel (SG) (70% G, 25% S, 5-10% M) v. pr. srt'd. f. pbl. - sm. cbl. (max 130mm) of 80% bst./20% meta. > int. vol. w/ v.f.-v.c. sub-ang. S. of 60% Qtz. flds./40% mafic. w/ low. plastic silt colored 5Y 4/2 olive gray. whigh. delatery.	
192.5				192.3-194.8: gravelly Sand (GS) (75-80% S, 25-20% G, 0% M) v. pr. srt'd. f.-v.c. ang. S. of 60% Qtz. flds./40% mafic w/ c. pbl.-v.c. pbl. (max 64mm) of 60% meta./40% bst. (v.w. rnd.) 2.5Y 2/2 grayish brn. wk. rxn HCl. wh. weathered. slight imbrication. clasts v.w. rnd. discoidal.	192.3-197.3: Core option 1 B324 T8 Drilled 2-25-16
195.0				194.8-196.3: Sandy Gravel (SG) (60-75% G, 40-25% S, trc. m) v. pr. srt'd. coarsening m.-v.c. sub-ang.-ang. S. of 60% Qtz. flds, 40% mafic w/ m. pbl. - sm. cbl. v.w. rnd. of 60% bst. > int. vol. /40% meta. > felsic volc. > felsic granit. discoidal to equant, no imbrication. 2.5Y 2/2 drk grayish brn. wk. rxn HCl.	
197.5				196.3-197.3: Silt Gravel (SG) (75% G, 20% S, 5% M) mod.-pr. srt'd. w. rnd. v.f. pbl. - v.c. pb. of 90% int. vol. buff. tuff./10% meta. almost clast supported. w/ v.f.-v.c. ang. S. of 60% mafic/40% felsic - 50% mafic/50% felsic. slightly plastic. 5Y 5/2 olive gray. wk. rxn HCl.	
200.0				197.3-202.3: Sandy Gravel (SG) (75% G, 20% S, 5% M) Gravel: PS, R-SR, 50% mafic, 50% felsic, v.f. pebbles - 10cm cobbles; Sand: m-vc, SA, 70% felsic, 30% mafic; dry, no rxn w/ HCl, 10YR 7/6 yellow kh brn.	199.3-201.3: Core (Optional) 2 B324 T9

Reported By: A. Lantau / Jen Russell  
 Title: Geo. Tech. Geologist  
 Signature: A. Lantau / Jen Russell Date: 5-18-16

Reviewed By: Tessa Clark  
 Title: Geologist  
 Signature: [Signature] Date: 6/7/16

6-2-16

BOREHOLE LOG					Page <u>14</u> of <u>14</u>
Well ID: <u>C8706</u>			Well Name: <u>NA</u>		Date: <u>6-1-16</u>
Project: <u>200-DV-1</u>			Location: <u>216-B-46 crib</u>		
Reference Measuring Point: <u>Ground Surface</u>					
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
202.5		100% rec.		197.3-202.3: Sandy Gravel (SG): (75% G, 20% S, 5% M) Gravel: 50% felsic 50% mafic, vf peb - 10cm cobbles; R-SR Sand: m-vc, SA, 70% Qtz feldspar, 30% mafic; dry, narrow w/ ACL, 10YR 5/6 yellowish brn, Poorly sorted - Gravel size increasing w/depth	Sonic w/ 4x5' core 198.3-201.3: Optional Core 2 B324T9
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;">             NOT USED              UR 6/2/16           </div>					
Reported By: <u>Jen Russell</u>			Reviewed By: <u>Tessa Clark</u>		
Title: <u>Geologist</u>			Title: <u>Geologist</u>		
Signature: <u>Jen Russell</u>		Date: <u>6/2/16</u>	Signature: <u>Tessa Clark</u>		Date: <u>6/7/16</u>



Engineering +  
Environmental

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**ATTACHMENT C**

**WORK ORDER CORE CHAINS OF CUSTODY**

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7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1090	PAGE 1 OF 1
COLLECTOR EL Keuer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 1	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N507-33-43	ACTUAL SAMPLE DEPTH 45.5 to 47.0 ft	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	NO. OF CONTAINER(S) 1	VOLUME 12L	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION N/A	HOLDING TIME 6 Months	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY	BILL OF LADING/AIR BILL NO. N/A	<b>ORIGINAL</b>

MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Solids L=Liquid O=Oil S=Soil SF=Settlement 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/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B34PN6				
SAMPLE NO. B324N7	MATRIX*	SAMPLE DATE FEB 17 2016	SAMPLE TIME 1435	

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM EL Keuer/CHPRC	DATE/TIME FEB 17 2016	RECEIVED BY/STORED IN SSU #3	DATE/TIME FEB 17 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM 55443	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN LOPEZ R J LEE GROUP	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM CHPRC	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 2/16/2016 FSR ID = FSR25286 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)			



7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1094	PAGE 1 OF 1
COLLECTOR <b>DL Floyd/CHRC</b>	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 3	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-35-45	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO.	ACTUAL SAMPLE DEPTH 43.5 to 52.0 FT	COA 302914		
SHIPPED TO RJ EE - GEOTECHNICAL		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	*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	08-2-18-16
		HOLDING TIME	6 Months
		TYPE OF CONTAINER	PVC CORE
		NO. OF CONTAINER(S)	1
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TO B34PNS 2-22-16		SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY;
SAMPLE NO. B324N9	MATRIX*	SAMPLE DATE FEB 22 2016	SAMPLE TIME 0940

CHAIN OF POSSESSION	DATE/TIME	SIGN/ PRINT NAMES	DATE/TIME	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM DL Floyd/CHRC	FEB 22 2016 1:50 PM	RECEIVED BY/STORED IN SSUE3	FEB 22 2016 1:50 PM	<p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the EPA Method 5035A and will include 5 bottles for low level analysis. ** remaining radiological tests. ** All VOA samples will be collected using The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p> <p>2 1/2 FT Sample per HPT</p>
RELINQUISHED BY/REMOVED FROM SSUE3	MAY 10 2016	RECEIVED BY/STORED IN FRANK HALL	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM FRANK HALL	MAY 10 2016	RECEIVED BY/STORED IN LEE BRUN	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM LEE BRUN	MAY 10 2016	RECEIVED BY/STORED IN LEE BRUN	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM LEE BRUN	MAY 10 2016	RECEIVED BY/STORED IN LEE BRUN	MAY 10 2016	

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

PRINTED ON 2/16/2016 FSR ID = FSR25288 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FIS-011-1096		PAGE 1 OF 1	
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427	PROJECT COORDINATOR	TODAK, D
SAMPLING LOCATION	C8706, Core 4	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	SAF NO.	F15-011	PRICE CODE	8H
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-507-33-45	ACTUAL SAMPLE DEPTH	SC. 2 to 57.2 ft	AIR QUALITY	<input type="checkbox"/>
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.	N/A	COA	302914	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
				BILL OF LADING/AIR BILL NO.	N/A		ORIGINAL

MATRIX*	SOIL	MATRIX*	SOIL	SAMPLE NO.	B324P0
POSSIBLE SAMPLE HAZARDS/ REMARKS	*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.				
PRESERVATION	6 Months	HOLDING TIME		SAMPLE DATE	FEB 22 2016
TYPE OF CONTAINER	PVC CORE	NO. OF CONTAINER(S)	1	SAMPLE TIME	1015
VOLUME	12L	SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY		
SPECIAL HANDLING AND/OR STORAGE <del>NON-REACTIVE TO B324P0</del> <i>2-22-16</i>					

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	RECEIVED BY/STORED IN SSC 43	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM <i>SSU #3</i>	RECEIVED BY/STORED IN Frank Hall	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN FRANK HALL	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016      FSR ID = FSR25254      TRVL NUM = TRVL-15-132      A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1098		PAGE 1 OF 1			
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427	PROJECT COORDINATOR	TODAK, D		
SAMPLING LOCATION	C8706, Core 5	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil		SAF NO.	F15-011	PRICE CODE	8H	
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-607-33-45	ACTUAL SAMPLE DEPTH	57.2 to 62.2 ft	COA	302914	AIR QUALITY	<input type="checkbox"/>
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT	GOVERNMENT VEHICLE	DATA TURNAROUND	30 Days / 30 Days
MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/147A Dangerous Goods Regulations but are not releasable per DOE Order 458.1. A=Air DL=Drum L=Liquid DS=Drum Solids L=Liquid O=Oil S=Soil SF=Sediment T=Tissue V=Vegetation W=Water WI=Wire X=Other	PRESERVATION	None	6 Months	W605052				
		HOLDING TIME							
		TYPE OF CONTAINER		PVC CORE					
		NO. OF CONTAINER(S)		1					
		VOLUME		12L					
		SAMPLE ANALYSIS		GEOLOGIC LITHOLOGY;					
SAMPLE NO.	B324P1	MATRIX*	SOIL	SAMPLE DATE	FEB 22 2016	SAMPLE TIME	1120		

RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
D.L. Floyd/CHPRC	FEB 22 2016	[Signature]	SSC BE3	FEB 22 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	RECEIVED BY/STORED IN	DATE/TIME	

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

PRINTED ON 2/16/2016      FSR ID = FSR25255      TRVL NUM = TRVL-15-132      A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1100	PAGE 1 OF 1
COLLECTOR DL Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 6	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N507-33-55	ACTUAL SAMPLE DEPTH 62.2 to 67.2	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION 6 Months		ORIGINAL		

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 regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	NO. OF CONTAINER(S) 1	VOLUME 12L	GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE <del>RADIOACTIVE TO: B33PPI</del> 2-22-16				

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B324P2	SOIL	FEB 22 2016	1245

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM DL Floyd/CHPRC 55043	RECEIVED BY/STORED IN 55043	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN Frank Hall	
RELINQUISHED BY/REMOVED FROM CHPRC	RECEIVED BY/STORED IN CHPRC	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	

PRINTED ON 2/16/2016

FSR ID = FSR25256

TRVL NUM = TRVL-15-132

A-6003-618 (REV 2)



7/11/2016

CH2Mhill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1104	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 8	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	SAF NO. F15-011	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N507-33-45	ACTUAL SAMPLE DEPTH 72.1 to 77.1 ft	COA	<b>ORIGINAL</b>	
SHIPPED TO RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.			

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SF=Sediment T=Trussure V=Vegetation W=Water WI=Wipe X=Other	*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.	None Cool to GC	6 Months	PVC CORE	1	12L	GEOLOGIC LITHOLOGIS;
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO B34P3 2-22-16							
SAMPLE NO. B324P4	MATRIX*	SAMPLE DATE	SAMPLE TIME				
	SOIL	FEB 22 2016	1350				

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	DATE/TIME FEB 22 2016	RECEIVED BY/STORED IN SSU #3	DATE/TIME FEB 22 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM SSU #3	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN Frank Hill CHPRC	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM Frank Hill CHPRC	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN FRANK HILL CHPRC	DATE/TIME MAY 10 2016		
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 2/16/2016 FSR ID = FSR25258 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)			

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1106	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 9	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-45	ACTUAL SAMPLE DEPTH 77.0 to 82.0 ft	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.		COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL			BILL OF LADING/AIR BILL NO.		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	*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.		6 Months	PVC CORE	1	12L	GEOLGIC LITHOLOGIC
	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TO BE REPEL						
B324P5	SOIL	FEB 22 2016	1420				

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
DL Floyd/CHPRC	FEB 22 2016	550 #3	FEB 22 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	MAY 11 2016	RECEIVED BY/STORED IN FRANK HALL CHPRC	MAY 11 2016	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25259 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1108	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 10	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. 3746	ACTUAL SAMPLE DEPTH 82.2 to 87.2 ft	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	NO. OF CONTAINER(S) 1	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO RJ EE - GEOTECHNICAL		PRESERVATION 6 Months		BILL OF LADING/AIR BILL NO.	
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		HOLDING TIME 6 Months		W605052	
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.		TYPE OF CONTAINER PVC CORE		ORIGINAL	
SPECIAL HANDLING AND/OR STORAGE Radioactive TE TO-034454		VOLUME 12L		GEOLOGIC LITHOLOGIS;	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B324P6	SOIL	FEB 23 2016	0900

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	FEB 23 2016 1330	RECEIVED BY/STORED IN SSC #3	FEB 23 2016 1330	<p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p>
RELINQUISHED BY/REMOVED FROM Frank Hall	MAY 10 2016	RECEIVED BY/STORED IN LEE GRUJAN	MAY 10 2016	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016      FSR ID = FSR25260      TRVL NUM = TRVL-15-132      46003-618 (REV 2)



7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1112	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 12	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-1507-33-46	ACTUAL SAMPLE DEPTH 92.2 to 97.2 FT	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None		ORIGINAL		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION		HOLDING TIME		TYPE OF CONTAINER		NO. OF CONTAINER(S)		VOLUME		SPECIAL HANDLING AND/OR STORAGE	
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	*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.	None		6 Months		PVC CORE		1		12L		GEOLOGIC LITHOLOGY;	
B324P8	SOIL	SAMPLE DATE FEB 23 2016	SAMPLE TIME 1015	W605052		SPECIAL HANDLING AND/OR STORAGE HANDLING TO BE DONE BY							

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	RECEIVED BY/STORED IN SSUCHE 3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. **
RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN Frank Hall RECEIVED BY/STORED IN C. L. P. LEE 6 R R O U P	The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 2/16/2016			
FSR ID = FSR25262			
TRVL NUM = TRVL-15-132			

7/11/2016

CH2M/Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1114	PAGE 1 OF 1
COLLECTOR <i>Dave Floyd</i>	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 13	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HYF-N-527-33/46	ACTUAL SAMPLE DEPTH 97.1 to 102.1' F	SAF NO. F15-011	<b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO.	COA 302914	BILL OF LADING/AIR BILL NO.	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO RJ EE - GEOTECHNICAL					

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	None
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	*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	6 Months
		TYPE OF CONTAINER	PVC CORE
		NO. OF CONTAINER(S)	1
		VOLUME	12L
	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B34448- <i>duh</i>	SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY:
SAMPLE NO. B3324P9	MATRIX*	SAMPLE DATE	SAMPLE TIME
		<i>05/31/16</i>	<i>1055</i>

*W605652*

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM <i>Frank Hall</i>	DATE/TIME <i>05/31/16 1530</i>	RECEIVED BY/STORED IN <i>SSY</i>	DATE/TIME <i>05/31/16 1530</i>	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM <i>Frank Hall</i>	DATE/TIME <i>05/31/16 1530</i>	RECEIVED BY/STORED IN <i>CHPRC</i>	DATE/TIME <i>05/31/16 1530</i>		
RELINQUISHED BY/REMOVED FROM <i>CHPRC</i>	DATE/TIME <i>MAY 10 2016</i>	RECEIVED BY/STORED IN <i>LEE GRU</i>	DATE/TIME <i>MAY 10 2016</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		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

PRINTED ON 3/2/2016 FSR ID = FSR25263 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1116	PAGE 1 OF 1
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	CR706, Core 14	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	PROJECT COORDINATOR	TODAK, D
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-A-507-33-4/C	SAF NO.	F15-011
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.	N/A	ACTUAL SAMPLE DEPTH	102.1 to 107.1
				COA	302914
				BILL OF LADING/AIR BILL NO.	N/A
				METHOD OF SHIPMENT	GOVERNMENT VEHICLE
				PRICE CODE	8H
				AIR QUALITY	<input type="checkbox"/>
				DATA TURNAROUND	30 Days / 30 Days
					<b>ORIGINAL</b>

MATRIX*	SOIL	MATRIX*	FEB 23 2016 / 220
SAMPLE NO.	B324R0	SAMPLE DATE	FEB 23 2016
		SAMPLE TIME	
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE - FE-59 2-23-16			
PRESERVATION 6 Months			
HOLDING TIME			
TYPE OF CONTAINER PVC CORE			
NO. OF CONTAINER(S) 1			
VOLUME 12L			
SAMPLE ANALYSIS GEOLOGIC LITHOLOGY			

RELINQUISHED BY/REMOVED FROM	D.L. Floyd/CHPRC	DATE/TIME	FEB 23 2016	RECEIVED BY/STORED IN	55043	DATE/TIME	FEB 23 2016	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	55043	DATE/TIME	MAY 10 2016	RECEIVED BY/STORED IN	FRANK HALL	DATE/TIME	MAY 10 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM	FRANK HALL	DATE/TIME	MAY 10 2016	RECEIVED BY/STORED IN	LEE GROUP	DATE/TIME	MAY 10 2016	
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	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME
PRINTED ON 2/16/2016 FSR ID = FSR25264 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)				

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1118	PAGE 1 OF 1
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	C8706, Core 15	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	PROJECT COORDINATOR	TODAK, D
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-507-33-44	ACTUAL SAMPLE DEPTH	107.2 to 112.2 ft
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.		COA	302914
				BILL OF LADING/AIR BILL NO.	N/A
MATRIX*	A=Air DL=Drum L=Liquid 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/LATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION HOLDING TIME TYPE OF CONTAINER NO. OF CONTAINER(S) VOLUME SAMPLE ANALYSIS	6 Months PVC CORE 1 12L GEOLOGIC LITHOLOG;	PRICE CODE 8H AIR QUALITY <input type="checkbox"/> TURNAROUND 30 Days / 30 Days METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B324R1	SOIL	FEB 23 2016	13 00

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	FEB 23 2016	RECEIVED BY/STORED IN SSO #3	FEB 23 2016	SPECIAL INSTRUCTIONS TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM Frank Hall	MAY 10 2016	RECEIVED BY/STORED IN Frank Hall	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM CHPRC	MAY 10 2016	RECEIVED BY/STORED IN MAY 10 2016	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

CHAIN OF POSSESSION

LABORATORY SECTION RECEIVED BY DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25265 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1120	PAGE 1 OF 1
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	C8706, Core 16	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	PROJECT COORDINATOR	TODAK, D
ICE CHEST NO.		FIELD LOGBOOK NO.	3396	SAF NO.	F15-011
SHIPPED TO	RJ EE - GEOTECHNICAL	ACTUAL SAMPLE DEPTH	112.1 to 117.1 ft	COA	302914
		OFFSITE PROPERTY NO.	HNE-N507- 2007-10-16	BILL OF LADING/AIR BILL NO.	N/A
		PRESERVATION	N/A		
		HOLDING TIME	6 Months		
		TYPE OF CONTAINER	PVC CORE		
		NO. OF CONTAINER(S)	1		
		VOLUME	12L		
		SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS
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	*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	
RADIOACTIVE TO - B342R2	
SAMPLE NO.	MATRIX*
B324R2	SOIL
SAMPLE DATE	SAMPLE TIME
FEB 23 2016	1340

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
D.L. Floyd/CHPRC	FEB 23 2016	SC#3	FEB 23 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSM#3	MAY 10 2016	LEE GROUP	MAY 10 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
Frank Hall	MAY 10 2016	LEE GROUP	MAY 10 2016		
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: 2/16/2016			
FSR ID: FSR25266			
TRVL NUM: TRVL-15-132			
A-6003-618 (REV 2)			

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1122		PAGE 1 OF 1	
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427	PROJECT COORDINATOR	TODAK, D
SAMPLING LOCATION	C8706, Core 17	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	ACTUAL SAMPLE DEPTH	117.2 to 122.2 ft	SAF NO.	F15-011
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-507-33-46	COA	302914	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.	N/A	BILL OF LADING/AIR BILL NO.	N/A		
MATRIX*	SOIL	PRESERVATION	6 Months			PRICE CODE	8H
		HOLDING TIME	COOL 6°C			AIR QUALITY	<input type="checkbox"/>
		TYPE OF CONTAINER	PVC CORE			TURNAROUND	30 Days / 30 Days
		NO. OF CONTAINER(S)	1				
		VOLUME	12L				
		SAMPLE ANALYSIS	GEOLOGIC LITHOLOGS;				

SPECIAL HANDLING AND/OR STORAGE	RADIOACTIVE TO B37PNO SLL	
SAMPLE NO.	B324R3	MATRIX*
SAMPLE DATE	FEB 23 2016	SAMPLE TIME
	1435	

CHAIN OF POSSESSION			
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.L. Floyd/CHPRC	FEB 23 2016	SSC #13	FEB 23 2016
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
SSU #3	MAY 10 2016	Frank Hill	MAY 10 2016
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Frank Hill	MAY 10 2016	LEE BROUN	MAY 10 2016
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 2/16/2016 FSR ID = FSR25267 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

**SPECIAL INSTRUCTIONS**  
 TRVL-15-132 \*\* Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. \*\* All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. \*\* The laboratory is to use one of the low level VOA bottles for moisture content determination. \*\* VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1124	PAGE 1 OF 1
COLLECTOR E.L. Kaufer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 18	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33.47	ACTUAL SAMPLE DEPTH 122.5-127.5	SAF NO. F15-011	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None - 6 mos		HOLDING TIME 6 Months		
NO. OF CONTAINER(S) 1		TYPE OF CONTAINER PVC CORE		VOLUME 12L	
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TO B3443 May L. Gerson 8-24-16		GEOLOGIC LITHOLOGY			

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B324R4	SOIL	2-24-16	0755

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kaufer/CHPRC	RECEIVED BY/STORED IN 1400 354#3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN ROPEZ R J L E E G R O	
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	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	

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

PRINTED ON 2/16/2016 FSR ID: FSR25268 TRVL NUM: TRVL-15-132 A-6003618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1126	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 19	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-47	ACTUAL SAMPLE DEPTH 1270-132.0	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO RJ EE - GEOTECHNICAL		PRESERVATION 2-18-16 6 Months		ORIGINAL	

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE-THE TOP B34FR4 100% L. Borden 2-24-16					
SAMPLE NO. B324R5	MATRIX*	SAMPLE DATE 2-24-16	SAMPLE TIME 0850		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN Frank Hall	<p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p>
RELINQUISHED BY/REMOVED FROM SSU#3	RECEIVED BY/STORED IN SSU#3	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN Frank Hall	
RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN RELINQUISHED 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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25269 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)



7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1130	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 21	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-47	ACTUAL SAMPLE DEPTH 137.2 to 148.2	SAF NO. F15-011	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	ACTUAL SAMPLE DEPTH COA	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None Cool 6°C	BILL OF LADING/AIR BILL NO.			

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.	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE <del>RADIOACTIVE TO--B3+PRG--</del> JCH S1011a				
SAMPLE NO. B324R7	MATRIX* SOIL	SAMPLE DATE 2-24-16	SAMPLE TIME 1020	✓

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN Sku#13	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests.** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis.** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 24 2016 1400	DATE/TIME FEB 24 2016 1400	
RELINQUISHED BY/REMOVED FROM Sku#13	RECEIVED BY/STORED IN Frank Hall CHPRC	
DATE/TIME MAY 11 2016	DATE/TIME MAY 11 2016	
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	RECEIVED BY/STORED IN LEE GROUP	
DATE/TIME MAY 11 2016	DATE/TIME MAY 11 2016	
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
DISPOSAL METHOD	DISPOSED BY	DATE/TIME

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1132	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 22	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF -N-507-33-47	ACTUAL SAMPLE DEPTH 142.3-147.3	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.			COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ EE - GEOTECHNICAL				BILL OF LADING/AIR BILL NO. N/A	<b>ORIGINAL</b>

MATRIX*	PRESERVATION	HOLDING TIME	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
A=Air DL=Drum L=Liquid DS=Drum S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	08 2-18-16 Cool to 6°C	6 Months	1	12L	GEOLOGIC LITHOLOGY;
*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/1ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.					
SPECIAL HANDLING AND/OR STORAGE <del>RADIOACTIVE-THE TO-834PR2-</del> JCH 5/10/16					
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B324R8	SOIL	2-24-16	1105		✓

CHAIN OF POSSESSION	DATE/TIME	SIGN/PRINT NAMES	DATE/TIME	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	FEB 24 2016 1400	RECEIVED BY/STORED IN SSU #13	FEB 24 2016 1400	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM SSU #13	MAY 10 2016 1100	RECEIVED BY/STORED IN Frank Hall CHPRC	MAY 10 2016 1100	
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	MAY 10 2016 1100	RECEIVED BY/STORED IN Frank Hall CHPRC	MAY 10 2016 1100	
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 2/16/2016 FSR ID = FSR25272 TRVL NUM = TRVL15-132 A-6003-618 (REV. 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1134	PAGE 1 OF 1
<b>COLLECTOR</b> E.L. Kauert/CHPRC	<b>COMPANY CONTACT</b> TODAK, D	<b>TELEPHONE NO.</b> 376-6427	<b>PROJECT COORDINATOR</b> TODAK, D	<b>PRICE CODE</b> 8H	<b>DATA TURNAROUND</b> 30 Days / 30 Days
<b>SAMPLING LOCATION</b> C8706, Core 23	<b>PROJECT DESIGNATION</b> 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	<b>FIELD LOGBOOK NO.</b> HNF-N-507-33-47	<b>ACTUAL SAMPLE DEPTH</b> 147.1-152.1	<b>SAF NO.</b> F15-011	<b>AIR QUALITY</b> <input type="checkbox"/>
<b>ICE CHEST NO.</b>	<b>OFFSITE PROPERTY NO.</b> N/A	<b>COA</b> 302914	<b>BILL OF LADING/AIR BILL NO.</b> N/A	<b>METHOD OF SHIPMENT</b> GOVERNMENT VEHICLE	<b>ORIGINAL</b>
<b>SHIPPED TO</b> RJ EE - GEOTECHNICAL	<b>PRESERVATION</b> None 6 Months	<b>HOLDING TIME</b> 6 Months	<b>TYPE OF CONTAINER</b> PVC CORE	<b>NO. OF CONTAINER(S)</b> 1	<b>VOLUME</b> 12L
<b>MATRIX*</b> 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	<b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b> *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/JMTA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.				
<b>SPECIAL HANDLING AND/OR STORAGE</b> RADIOACTIVE TO B34988 1 May L. Barton 2-24-16					
<b>SAMPLE NO.</b> B324R9	<b>MATRIX*</b> SOIL	<b>SAMPLE DATE</b> 2-24-16	<b>SAMPLE TIME</b> 12:35		

<b>CHAIN OF POSSESSION</b>		<b>SIGN/ PRINT NAMES</b>		<b>SPECIAL INSTRUCTIONS</b>	
<b>RELINQUISHED BY/REMOVED FROM</b> E.L. Kauert/CHPRC	<b>DATE/TIME</b> FEB 24 2016 1400	<b>RECEIVED BY/STORED IN</b> Frank Hall CHPRC	<b>DATE/TIME</b> FEB 24 2016 1400	<p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p>	
<b>RELINQUISHED BY/REMOVED FROM</b> 5544#3	<b>DATE/TIME</b> MAY 10 2016	<b>RECEIVED BY/STORED IN</b> Frank Hall CHPRC	<b>DATE/TIME</b> MAY 10 2016		
<b>RELINQUISHED BY/REMOVED FROM</b> Frank Hall CHPRC	<b>DATE/TIME</b> MAY 10 2016	<b>RECEIVED BY/STORED IN</b> Frank Hall CHPRC	<b>DATE/TIME</b> MAY 10 2016		
<b>RELINQUISHED BY/REMOVED FROM</b>	<b>DATE/TIME</b>	<b>RECEIVED BY/STORED IN</b>	<b>DATE/TIME</b>		
<b>RELINQUISHED BY/REMOVED FROM</b>	<b>DATE/TIME</b>	<b>RECEIVED BY/STORED IN</b>	<b>DATE/TIME</b>		
<b>RELINQUISHED BY/REMOVED FROM</b>	<b>DATE/TIME</b>	<b>RECEIVED BY/STORED IN</b>	<b>DATE/TIME</b>		
<b>LABORATORY SECTION</b>	<b>RECEIVED BY</b>	<b>TITLE</b>	<b>DATE/TIME</b>		
<b>FINAL SAMPLE DISPOSITION</b>	<b>DISPOSAL METHOD</b>	<b>DISPOSED BY</b>	<b>DATE/TIME</b>		

PRINTED ON 2/16/2016 FSR ID = FSR25273 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FIS-011-1136		PAGE 1 OF 1	
COLLECTOR E.L. Kauert/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days		
SAMPLING LOCATION C8706, Core 24	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-53-47	ACTUAL SAMPLE DEPTH 152.1 - 157.1	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>		
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION N/A		W605052				

MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Liquid O=Oil 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.	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE THE TO-B341R9- Doyle, Bowen 2-24-16					
SAMPLE NO. B324T0	MATRIX*	SAMPLE DATE 2-24-16	SAMPLE TIME 1315		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauert/CHPRC	RECEIVED BY/STORED IN 1405 SSU#43	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 24 2016	DATE/TIME FEB 24 2016	
RELINQUISHED BY/REMOVED FROM SSU#43	RECEIVED BY/STORED IN Frank Hall	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN MAY 10 2016	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
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	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 2/16/2016		FRS ID: = FSR25274	
		TRVL NUM: = TRVL-15-132	
		A-6003-618 (REV 2)	

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1138	PAGE 1 OF 1
<b>COLLECTOR</b> E.L. Kauer/CHPRC	<b>COMPANY CONTACT</b> TODAK, D	<b>TELEPHONE NO.</b> 376-6427	<b>PROJECT COORDINATOR</b> TODAK, D	<b>PRICE CODE</b> 8H	<b>DATA TURNAROUND</b> 30 Days / 30 Days
<b>SAMPLING LOCATION</b> C8706, Core 25	<b>PROJECT DESIGNATION</b> 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	<b>FIELD LOGBOOK NO.</b> HNF-N507-33-42	<b>ACTUAL SAMPLE DEPTH</b> 1.57.0 - 1.62.0	<b>SAF NO.</b> F15-011	<input type="checkbox"/> AIR QUALITY
<b>ICE CHEST NO.</b>	<b>OFFSITE PROPERTY NO.</b> N/A	<b>COA</b> 302914	<b>BILL OF LADING/AIR BILL NO.</b> N/A	<b>METHOD OF SHIPMENT</b> GOVERNMENT VEHICLE	<b>ORIGINAL</b>
<b>SHIPPED TO</b> RJ EE - GEOTECHNICAL					

<b>MATRIX*</b> A=Air DL=Drum L=Liquid DS=Drum S=Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	<b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b> *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.	<b>PRESERVATION</b> 6 Months	<b>HOLDING TIME</b>	<b>TYPE OF CONTAINER</b> PVC CORE	<b>NO. OF CONTAINER(S)</b> 1	<b>VOLUME</b> 12L	<b>SAMPLE ANALYSIS</b> GEOLOGIC LITHOLOGY;	
<b>SPECIAL HANDLING AND/OR STORAGE</b> RADIOACTIVE TIE TO: B34PTB- Mary L. Barson 2-24-16								
<b>SAMPLE NO.</b> B324T1	<b>MATRIX*</b> SOIL	<b>SAMPLE DATE</b> 2-24-16	<b>SAMPLE TIME</b> 1400					<input checked="" type="checkbox"/>

<b>CHAIN OF POSSESSION</b>		<b>SIGN/ PRINT NAMES</b>		<b>SPECIAL INSTRUCTIONS</b>	
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	DATE/TIME FEB 24 2016 1400	RECEIVED BY/STORED IN 35U#3	DATE/TIME FEB 24 2016 1400	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN CHPRC L. L. OF E 2 R J L E E GROUP	DATE/TIME MAY 10 2016		
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		

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

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FILE-011-1140	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 26	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-47	ACTUAL SAMPLE DEPTH 162.1 to 167.1 FT	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	NO. OF CONTAINER(S) 1	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION N/A	HOLDING TIME 6 Months	BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	*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.	1	12L	GEOLOGIC LITHOLOGY
SPECIAL HANDLING AND/OR STORAGE	RADIOACTIVE TIT TO: 83444- Troy L. Baeber			
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B324T2	SOIL	2-24-16	1440	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	DATE/TIME FEB 24 2016 1400	RECEIVED BY/STORED IN SSUTS	DATE/TIME FEB 24 2016 1400	<p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p>	
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAY 10 2016 0730	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME MAY 10 2016 0730		
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAY 10 2016 0730	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME MAY 10 2016 0730		
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 2/16/2016	FSR ID = FSR25276	TRVL NUM = TRVL-15-132	A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1142	PAGE 1 OF 1
COLLECTOR E.L. Kauner/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 27	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-48	ACTUAL SAMPLE DEPTH 167.1 - 172.1	SAF NO. F15-011	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	COA 302914	BILL OF LADING/AIR BILL NO. N/A		
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None 6 Months	HOLDING TIME	TYPE OF CONTAINER PVC CORE	NO. OF CONTAINER(S) 1	VOLUME 12L
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	<p><b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b></p> <p>*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.</p>				
<p><b>SPECIAL HANDLING AND/OR STORAGE</b></p> <p>RADIOACTIVE THE TO-33442 Toyle, Barot 2-25-16</p>					
SAMPLE NO. B324T3	MATRIX* SOIL	SAMPLE DATE 2-25-16	SAMPLE TIME 0805	GEOLOGIC LITHOLOGY; ✓	

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauner/CHPRC	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME FEB 25 2016 1400
RELINQUISHED BY/REMOVED FROM SSU #3	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME MAY 10 2016 1400
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN C. LOPEZ	DATE/TIME MAY 10 2016 200
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

TRVL-15-132 \*\* Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. \*\* All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. \*\* The laboratory is to use one of the low level VOA bottles for moisture content determination. \*\* VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as

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

PRINTED ON 2/16/2016 FSR ID = FSR25277 TRVL NUM = TRVL-15-132 A-6003-618 (REV. 2)



CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1146	PAGE 1 OF 1
COLLECTOR E.L. Kaufer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNDOWN 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 29	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-48	ACTUAL SAMPLE DEPTH 177.3 to 182.3	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO.	OFFSITE PROPERTY NO.	SAF NO. F15-011	COA 302914	<b>ORIGINAL</b>	
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	BILL OF LADING/AIR BILL NO.	

MATRIX* A=Air DL=Drum L=Liquid DS=Drum 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.	SPECIAL HANDLING AND/OR STORAGE <del>Radioactive</del> Just Shippable	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SAMPLE NO. B324T5	MATRIX* SOIL	SAMPLE DATE 2-25-16	SAMPLE TIME 0945

CHAIN OF POSSESSION		SIGN / PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kaufer/CHPRC	DATE/TIME FEB 25 2016 1400	RECEIVED BY/STORED IN SSU #3	DATE/TIME FEB 25 2016 1400	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM 35443	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN FRANK HALL CHPRC	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN PEZ RILEE GROWNEY	DATE/TIME MAY 10 2016		
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 2/16/2016 FSR ID = FSR25279

TRVL NUM = TRVL-15-132

A-6003-618 (REV. 3)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1148	PAGE 1 OF 1
COLLECTOR	E.L. Kaufer/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	C8706, Core 30	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	PROJECT COORDINATOR	TODAK, D
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-507-33-48	SAF NO.	F15-011
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.	N/A	ACTUAL SAMPLE DEPTH	182.3 - 187.3 FT
				COA	302914
				BILL OF LADING/AIR BILL NO.	N/A
				PRICE CODE	8H
				AIR QUALITY	<input type="checkbox"/>
				METHOD OF SHIPMENT	GOVERNMENT VEHICLE
					<b>ORIGINAL</b>
					DATA TURNAROUND 30 Days / 30 Days

MATRIX*	SOIL	MATRIX*	SOIL	SAMPLE DATE	2-25-16	SAMPLE TIME	1040
DI=Drum							
DS=Drum							
L=Liquid							
O=Oil							
S=Soil							
SE=Sediment							
T=Tissue							
V=Vegetation							
W=Water							
WI=Wipe							
X=Other							

PRESERVATION	6 Months	HOLDING TIME	6 Months	NO. OF CONTAINER(S)	1	VOLUME	12L
TYPE OF CONTAINER	PVC CORE						
SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY;						

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	E.L. Kaufer/CHPRC	DATE/TIME	FEB 25 2016 1400	RECEIVED BY/STORED IN	SSU #3
RELINQUISHED BY/REMOVED FROM	SSU #3	DATE/TIME	MAY 10 2016 1100	RECEIVED BY/STORED IN	Frank Hall
RELINQUISHED BY/REMOVED FROM	Frank Hall	DATE/TIME	MAY 10 2016 1200	RECEIVED BY/STORED IN	PEZ R J LEE
RELINQUISHED BY/REMOVED FROM	PEZ R J LEE	DATE/TIME	MAY 10 2016 1200	RECEIVED BY/STORED IN	ROU MAY 10 2016
RELINQUISHED BY/REMOVED FROM		DATE/TIME		RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM		DATE/TIME		RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM		DATE/TIME		RECEIVED BY/STORED IN	
LABORATORY SECTION	RECEIVED BY	TITLE	DISPOSED BY	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DATE/TIME	

TRVL-15-132 \*\* Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. \*\* All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. \*\* The laboratory is to use one of the low level VOA bottles for moisture content determination. \*\* VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1150	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 31	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNE-A-507-33.48	ACTUAL SAMPLE DEPTH 187.3 - 192.3 FT	AIR QUALITY <input type="checkbox"/>	<b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	SAF NO. F15-011	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO RJ EE - GEOTECHNICAL	PRESEVATION 6 Months	BILL OF LADING/AIR BILL NO. N/A			

MATRIX* A=Air DL=Drum L=Liquid DS=Drum 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/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE -RADIOACTIVE TO B34D16- Troy L. Borden 2-25-16					
SAMPLE NO. B324T7	MATRIX*	SAMPLE DATE 2-25-16	SAMPLE TIME 1200		

CHAIN OF POSSESSION	SIGN / PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN Frank Hall	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 25 7:16 AM	DATE/TIME FEB 25 2016 1400	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN CHPRC	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN RILEE GROUP	
DATE/TIME MAY 10 2016	DATE/TIME MAY 11 2016	
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
DATE/TIME	DATE/TIME	DATE/TIME

7/11/2016

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		*FIS-011-1152		PAGE 1 OF 1	
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days		
SAMPLING LOCATION OPTIONAL 1 C8700	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-48	ACTUAL SAMPLE DEPTH 192.3 - 197.3 Ft	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>	
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A			COA 302914	BILL OF LADING/AIR BILL NO. N/A		
SHIPPED TO RUE - GEOTECHNICAL		PRESERVATION 6 Months		W605052			

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SF=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/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.		PVC CORE	1	12L	GEOLOGIC LITHOLOGY;
B324T8	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B324T8 Troly C. Basso 2-25-16					
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B324T8	SOIL	2-25-16	1255			

CHAIN OF POSSESSION	SIGN / PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN 3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests.** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis.** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN Frank Hall	
RELINQUISHED BY/REMOVED FROM CHPRC	RECEIVED BY/STORED IN C. J. LEE GROUP	
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
DATE/TIME	DATE/TIME	DATE/TIME

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FIS-011-1154		PAGE 1 OF 1	
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days		<b>ORIGINAL</b>
SAMPLING LOCATION OPTIONAL 2 CB766	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-49	SAF NO. FIS-011	AIR QUALITY <input type="checkbox"/>			
ICE CHEST NO.	OFFSITE PROPERTY NO.	ACTUAL SAMPLE DEPTH 197.3 + 0.202.3	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None Cooler		BILL OF LADING/AIR BILL NO. N/A				

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid 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/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE INACTIVE TIE TO: B34478 Mary L. BROWN 2-29-16					
SAMPLE NO. B324T9	MATRIX*	SAMPLE DATE 2-29-16	SAMPLE TIME 0845		

W605052

RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	DATE/TIME FEB 29 2016 1:40	RECEIVED BY/STORED IN SSU #3	DATE/TIME FEB 29 2016 1:40	SPECIAL INSTRUCTIONS TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as			
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAY 10 2016 0730	RECEIVED BY/STORED IN CHPRC	DATE/TIME MAY 10 2016 0730				
RELINQUISHED BY/REMOVED FROM CHPRC	DATE/TIME MAY 10 2016 0730	RECEIVED BY/STORED IN LEE GROUP	DATE/TIME MAY 10 2016 0730				
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 2/16/2016		FRS ID = FSR25283	
		TRVL NUM = TRVL-15-132	
		A-6003-618 (REV 2)	



Engineering +  
Environmental

---

**ATTACHMENT D**

**ALIQOT SAMPLING CHAINS OF CUSTODY**

400 Bradley Boulevard, Suite 300, Richland, WA 99352  
509.942.1600 Main  
866.727.0140 Fax  
www.pbsenv.com

Bend | Boise | Coos Bay | Eugene | Portland | Seattle | Tri-Cities | Vancouver | Walla Walla

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

PAGE 1 OF 1

COLLECTOR  
*Arbido James*

COMPANY CONTACT  
TODAK, D

TELEPHONE NO.  
376-6427

PROJECT COORDINATOR  
TODAK, D

PRICE CODE  
8H

DATA TURNAROUND  
30 Days / 30 Days

SAMPLING LOCATION  
C8706, Core 6, B324P2

PROJECT DESIGNATION  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

FIELD LOGBOOK NO.  
N/A

SAF NO.  
F16-020

AIR QUALITY

METHOD OF SHIPMENT  
FEDERAL EXPRESS

ICE CHEST NO.  
N/A

OFFSITE PROPERTY NO.  
N/A

ACTUAL SAMPLE DEPTH  
167.9-167.9 FT

COA

BILL OF LADING/AIR BILL NO.  
N/A

ORIGINAL

SHIPPED TO  
TestAmerica St. Louis

PRESEVATION  
Cool <=6C

HOLDING TIME  
14/40 Days

COOL <=6C

COOL <=6C

COOL <=6C

COOL <=6C

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

NO. OF CONTAINER(S)  
1

TYPE OF CONTAINER  
aG

None

6 Months

28 Days

28 Days/48 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. NA

SAMPLE ANALYSIS  
VOLUME

120mL

120mL

500ml

60mL

60mL

SPECIAL HANDLING AND/OR STORAGE  
N/A

SAMPLE DATE  
5-25-16

SAMPLE TIME  
1400

X

X

X

X

SAMPLE NO.  
B35N90

MATRIX\*  
SOIL

X

X

X

X

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM  
*Arbido James*

DATE/TIME  
5/25/16/1400

RECEIVED BY/STORED IN  
GTL Refrig

DATE/TIME  
5/25/16/1400

Sample From HEIS #. *B324P2* Actual Aliquot Collection  
Depth: *162.9-164.9 FT*

RELINQUISHED BY/REMOVED FROM  
*GTL Refrig*

DATE/TIME  
5/26/16/1500

RECEIVED BY/STORED IN  
*Ma Hailo James*

DATE/TIME  
5/26/16/1500

(1) 8270\_SVOA\_GCMS: COMMON {Phenol}; 8270\_SVOA\_GCMS: COMMON (Add-on) {Tributyl phosphate};

RELINQUISHED BY/REMOVED FROM  
*Arbido James*

DATE/TIME  
5/26/16/1600

RECEIVED BY/STORED IN  
*Arbido James*

DATE/TIME  
5/26/16/1600

(2) 6020\_METALS\_ICPMS: COMMON {Aluminum, Antimony, Barium, Cadmium, Chromium, Copper, Lead, Selenium, Silver};

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

6020\_METALS\_ICPMS: COMMON (Add-on) {Arsenic, Manganese, Nickel, Uranium}; 6010\_METALS\_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 7471\_MERCURY\_CV: COMMON (SOLIDS);

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

(3) 300.0\_ANIONS\_IC: COMMON; 300.0\_ANIONS\_IC: COMMON (Add-on) {Phosphate};

LABORATORY SECTION  
RECEIVED BY

DISPOSAL METHOD

RECEIVED BY/STORED IN

DATE/TIME

DATE/TIME

PRINTED ON 5/19/2016

FSR ID = FSR32335

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

COPY

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

PAGE 1 OF 1

COLLECTOR

Antonio Jaives

SAMPLING LOCATION

CB706, Core 6, B324P2

ICE CHEST NO.

N/A

SHIPPED TO

TestAmerica Incorporated, Richland

COMPANY CONTACT

TODAK, D

TELEPHONE NO.

376-6427

PROJECT DESIGNATION

200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

ACTUAL SAMPLE DEPTH

162.9 - 164.9 ft

OFFSITE PROPERTY NO.

N/A

FIG-020-719

PRICE CODE 8H

AIR QUALITY

METHOD OF SHIPMENT  
GOVERNMENT VEHICLE

TURNAROUND  
30 Days / 30 Days

ORIGINAL

N/A

BILL OF LADING/AIR BILL NO. Company Vehicle

AS 5-25-16

PRESERVATION

Cool <=6C

None

HOLDING TIME

30 Days

6 Months

TYPE OF CONTAINER

G/P

G/P

NO. OF CONTAINER(S)

1

1

VOLUME

60ml

500ml

7196, CR6; COMMON;

SEE ITEM (1) IN SPECIAL INSTRUCTIONS.

SAMPLE ANALYSIS

N/A AS

SAMPLE DATE

5-25-16

SAMPLE TIME

1400

X

X

COPY

CHAIN OF POSSESSION

SIGN/PRINT NAMES

B324P2 AS

RELINQUISHED BY/REMOVED FROM

Antonio Jaives

RELINQUISHED BY/REMOVED FROM

GTL Refrigerator

RELINQUISHED BY/REMOVED FROM

Antonio Jaives

RELINQUISHED BY/REMOVED FROM

J. Bock, TABLE

RELINQUISHED BY/REMOVED FROM

Antonio Jaives

SPECIAL INSTRUCTIONS

Sample From HEIS #: B324P2 AS  
Depth: 162.9 - 164.9 ft \*\* All Cations, TIC and TOC requesting  
Water Extraction (WE) shall use a 1:1 ratio.

(1) GAMMA\_GS: COMMON; AMCMISO\_EIE\_PLATE\_AEA: COMMON;  
PUISO\_PLATE\_AEA: COMMON {Plutonium-238, Plutonium-239/240};  
UISO\_PLATE\_AEA: COMMON {Uranium-233/234, Uranium-235, Uranium-238};  
C14\_LSC: COMMON; I129\_SEP\_LEPS\_GS: COMMON; NI63\_LSC: COMMON;  
NP237\_LLE\_PLATE\_AEA: COMMON;  
SRTOT\_SEP\_PRECIP\_GPC: COMMON {Total beta radiostrontium};  
TC99\_ETVDSK\_LSC: COMMON; TRITIUM\_DIST\_LSC: COMMON;

TITLE

DATE/TIME

DISPOSED BY

DATE/TIME

LABORATORY SECTION

RECEIVED BY

DISPOSAL METHOD

PRINTED ON 5/19/2016

FSR ID = FSR32335

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

**COLLECTOR**  
Antonio Jaimes  
**SAMPLING LOCATION**  
C8706, Core 9, B324P5  
**ICE CHEST NO.**  
N/A  
**SHIPPED TO**  
TestAmerica Incorporated, Richland

**COMPANY CONTACT**  
TODAK, D  
376-6427  
**PROJECT DESIGNATION**  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling  
**FIELD LOGBOOK NO.**  
N/A  
**ACTUAL SAMPLE DEPTH**  
78.0-80.4 Ft  
**OFFSITE PROPERTY NO.**  
N/A

**PROJECT COORDINATOR**  
TODAK, D  
**SAF NO.**  
F16-020  
**COA**  
**BILL OF LADING/AIR BILL NO.**  
N/A  
**PRICE CODE**  
8H  
**AIR QUALITY**  
  
**METHOD OF SHIPMENT**  
-GOVERNMENT VEHICLE  
AS 5-25-16  
**DATA TURNAROUND**  
30 Days / 30 Days  
**ORIGINAL**

**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

**PRESERVATION**  
Cool <=6C  
30 Days  
6 Months  
**HOLDING TIME**  
30 Days  
6 Months  
**TYPE OF CONTAINER**  
G/P  
G/P  
**NO. OF CONTAINERS)**  
1  
1  
**VOLUME**  
60ml  
500ml  
**SAMPLE ANALYSIS**  
7196, CR6: COMMON;  
SEE ITEM (1) IN SPECIAL INSTRUCTIONS

**SPECIAL HANDLING AND/OR STORAGE**  
N/A

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B35N91	SOIL	5-25-16	1530	X	X

COPY

**CHAIN OF POSSESSION**

**SIGN/ PRINT NAMES**

**SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM  
Antonio Jaimes  
DATE/TIME: 5/25/16 / 1530  
RECEIVED BY/STORED IN  
GTL Refrig. Craft  
DATE/TIME: 5/25/16 / 1530  
RELINQUISHED BY/REMOVED FROM  
GTL Refrig.  
DATE/TIME: 5/26/16 / 1600  
RECEIVED BY/STORED IN  
Antonio Jaimes  
DATE/TIME: 5/26/16 / 1600  
RELINQUISHED BY/REMOVED FROM  
Antonio Jaimes  
DATE/TIME: 5/26/16 / 1600  
RECEIVED BY/STORED IN  
J. Bock, TARL Saville  
DATE/TIME: 5/26/16 / 1600

Actual Aliquot Collection  
Sample From HETS #: B324P5  
Depth: 78.0-80.4 Ft  
(1) GAMMA\_GS: COMMON; AMCMISO\_EIE\_PLATE\_AEA: COMMON;  
PUISO\_PLATE\_AEA: COMMON {Plutonium-238, Plutonium-239/240};  
UISO\_PLATE\_AEA: COMMON {Uranium-233/234, Uranium-235, Uranium-238};  
C14\_LSC: COMMON; I129\_SEP\_LEPS\_GS: COMMON; NI63\_LSC: COMMON; NP237\_LLE\_PLATE\_AEA: COMMON;  
SRTOT\_SEP\_PRECIP\_GPC: COMMON {Total beta radiostrontium};  
TC99\_ETVDSK\_LSC: COMMON; TRITIUM\_DIST\_LSC: COMMON;

RELINQUISHED BY/REMOVED FROM  
DATE/TIME  
RECEIVED BY/STORED IN  
DATE/TIME

TITLE  
DATE/TIME  
DISPOSED BY  
DATE/TIME

LABORATORY SECTION  
RECEIVED BY  
FINAL SAMPLE DISPOSITION  
DISPOSAL METHOD

TITLE  
DATE/TIME  
DISPOSED BY  
DATE/TIME

PRINTED ON 5/19/2016

FSR ID = FSR32328

TRVL NUM = TRVL-16-150



CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-020-723

PAGE 1 OF 1

COLLECTOR Antonio Jarvis

SAMPLING LOCATION C8706, Core 15, B324R1

ICE CHEST NO. N/A

SHIPPED TO TestAmerica Incorporated, Richland

COMPANY CONTACT TODAY, D

TELEPHONE NO. 376-6427

PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

FIELD LOGBOOK NO. N/A

OFFSITE PROPERTY NO. N/A

PROJECT COORDINATOR TODAY, D

PRICE CODE 8H

AIR QUALITY  30 Days / 30 Days

SAFE NO. F16-020

COA

BILL OF LADING/AIR BILL NO. Company

GOVERNMENT VEHICLE 45

ORIGINAL

N/A

N/A

5-25-16

MATRIX\* POSSIBLE SAMPLE HAZARDS/ REMARKS

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

PRESERVATION	Cool <=6C	None
HOLDING TIME	30 Days	6 Months
TYPE OF CONTAINER	G/P	G/P
NO. OF CONTAINER(S)	1	1
VOLUME	60ml	500ml
SAMPLE ANALYSIS	7196, CR6: COMMON;	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

N/A

SAMPLE NO. B35N93	MATRIX* SOIL	SAMPLE DATE 5-25-16	SAMPLE TIME 1700	X	X
-------------------	--------------	---------------------	------------------	---	---

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM Antonio Jarvis

DATE/TIME 5-25-16/1700

RECEIVED BY/STORED IN GTL Perrygo

DATE/TIME 5-25-16/1700

RELINQUISHED BY/REMOVED FROM GTL Perrygo

DATE/TIME 5/22/16/1500

RECEIVED BY/STORED IN Antonio Jarvis

DATE/TIME 5-26-16/1500

RELINQUISHED BY/REMOVED FROM Antonio Jarvis

DATE/TIME 5/24/16/1600

RECEIVED BY/STORED IN J. Bock, TARL

DATE/TIME 5-26-16/1600

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

LABORATORY SECTION

RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DISPOSED BY

DATE/TIME

PRINTED ON 5/19/2016

FSR ID = FSR32329

TRVL NUM = TRVL-16-150

A-6003-6:18 (REV 2)

COPY

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-020-724

PAGE 1 OF 1

COLLECTOR  
**Antonio J. JAMES**

COMPANY CONTACT  
TODAK, D

TELEPHONE NO.  
376-6427

PROJECT COORDINATOR  
TODAK, D

PRICE CODE  
8H

DATA TURNAROUND  
30 Days / 30 Days

SAMPLING LOCATION  
C8706, Core 15, B324R1

PROJECT DESIGNATION  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

ACTUAL SAMPLE DEPTH  
108.2 - 110.2 ft

SAF NO.  
F16-020

AIR QUALITY

METHOD OF SHIPMENT  
FEDERAL EXPRESS

ICE CHEST NO.  
N/A

FIELD LOGBOOK NO.  
N/A

OFFSITE PROPERTY NO.  
N/A

COA

BILL OF LADING/AIR BILL NO.  
N/A

ORIGINAL

SHIPPED TO  
TestAmerica St. Louis

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

PRESERVATION  
Cool <=6C

HOLDING TIME  
14/40 Days

NO. OF CONTAINER(S)  
1

VOLUME  
120ml

SAMPLE ANALYSIS  
SEE ITEM (1) IN SPECIAL INSTRUCTIONS

WTRPH\_KEROSENE IN SPECIAL INSTRUCTIONS

SEE ITEM (2) IN SPECIAL INSTRUCTIONS

SEE ITEM (3) IN SPECIAL INSTRUCTIONS

350.1 AMMONIUM IN SPECIAL INSTRUCTIONS

9012 GRANULIDE IN SPECIAL INSTRUCTIONS

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. NA

SPECIAL HANDLING AND/OR STORAGE  
N/A

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO. OF CONTAINER(S)	VOLUME	TYPE OF CONTAINER	HOLDING TIME	PRESERVATION	COOL <=6C	COOL <=6C	None	6 Months	28 Days	28 Days/48 Hours	COOL <=6C	COOL <=6C
B35N94	SOIL	5-25-16	1700	1	120ml	gS	14/40 Days	Cool <=6C	X	X	X	X	X	X	X	X

COPY

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Antonio J. James	5-25-16 / 1700	GTL Refrigrator	5/25/16 / 1700	Antonio J. James	5/26/16 / 1500	Antonio J. James	5/26/16 / 1500
Antonio J. James	5/12/16 / 1600	Antonio J. James	5/12/16 / 1500	Antonio J. James	5/12/16 / 1500	Antonio J. James	5/12/16 / 1500
Antonio J. James	5/12/16 / 1600	Antonio J. James	5/12/16 / 1500	Antonio J. James	5/12/16 / 1500	Antonio J. James	5/12/16 / 1500
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	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
LABORATORY SECTION	RECEIVED BY	LABORATORY SECTION	RECEIVED BY	LABORATORY SECTION	RECEIVED BY	LABORATORY SECTION	RECEIVED BY
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	FINAL SAMPLE DISPOSITION	DISPOSAL METHOD

Sample From HEIS #: **B324R1** Actual Aliquot Collection  
 Depth: **108.2 - 110.2 ft**  
 (1) 8270\_SVOA\_GCMS: COMMON {Phenol}; 8270\_SVOA\_GCMS: COMMON (Add-on) {Tributyl phosphate};  
 (2) 6020\_METALS\_ICPMS: COMMON {Aluminum, Antimony, Barium, Cadmium, Chromium, Copper, Lead, Selenium, Silver};  
 6020\_METALS\_ICPMS: COMMON (Add-on) {Arsenic, Manganese, Nickel, Uranium}; 6010\_METALS\_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 7471\_MERCURY\_CY: COMMON (SOLIDS);  
 (3) 300.0\_ANIONS\_IC: COMMON; 300.0\_ANIONS\_IC: COMMON (Add-on) {Phosphate};

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F16-020-726

PAGE 1 OF 1

DATA TURNAROUND 30 Days / 30 Days

COLLECTOR  
*Jan Russell*

SAMPLING LOCATION  
C8706, Core 20, B324R6

ICE CHEST NO.  
N/A

SHIPPED TO  
TestAmerica St. Louis

COMPANY CONTACT  
TODAK, D  
376-6427

TELEPHONE NO.

PROJECT COORDINATOR  
TODAK, D

PRICE CODE  
8H

AIR QUALITY

PROJECT DESIGNATION  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

FIELD LOGBOOK NO.  
N/A

OFFSITE PROPERTY NO.  
N/A

ACTUAL SAMPLE DEPTH  
*32.4 - 134.9'*

COA  
302914

BILL OF LADING/AIR BILL NO.  
N/A

METHOD OF SHIPMENT  
FEDERAL EXPRESS

ORIGINAL

POSSIBLE SAMPLE HAZARDS/ REMARKS  
\*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/1ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. NA

SPECIAL HANDLING AND/OR STORAGE

MATRIX*	SAMPLE NO.	SAMPLE DATE	SAMPLE TIME	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER
B35N96	SOIL	5/24/16	1050	1	120ml	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Cool <=6C	14/40 Days	ag
				1	120ml	W/PH, KEROSENE IN COMMON	Cool <=6C	14/40 Days	ag
				1	250ml	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	None	6 Months	G/P
				1	60ml	350.1 AMMONIUM A: COMMON; 9012 CYANIDE: COMMON;	Cool <=6C	28 Days	G/P
				1	60ml	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Cool <=6C	28 Days/48 Hours	G/P

COPY

SIGN/ PRINT NAMES

RECEIVED BY/STORED IN  
*ATL Refractor*

RECEIVED BY/STORED IN  
*Andrino Jarins*

RECEIVED BY/STORED IN  
*J. Bock, TARL*

DATE/TIME  
5/24/16 1430

DATE/TIME  
5/26/16/1500

DATE/TIME  
5/26/16/1600

SPECIAL INSTRUCTIONS

Sample From HEIS #: *B324R6* Actual Aliquot Collection Depth: *135.4' - 136.9'*

- (1) 8270\_SVOA\_GCMS: COMMON {Phenol}; 8270\_SVOA\_GCMS: COMMON (Add-on) {Tributyl phosphate};
- (2) 6020\_METALS\_ICPMS: COMMON {Aluminum, Antimony, Barium, Cadmium, Chromium, Copper, Lead, Selenium, Silver}; 6020\_METALS\_ICPMS: COMMON (Add-on) {Arsenic, Manganese, Nickel, Uranium}; 6010\_METALS\_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 7471\_MERCURY\_CV: COMMON (SOLIDS);
- (3) 300.0\_ANIONS\_IC: COMMON; 300.0\_ANIONS\_IC: COMMON (Add-on) {Phosphate};

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM  
*Jan Russell*

RELINQUISHED BY/REMOVED FROM  
*ATL Refractor*

RELINQUISHED BY/REMOVED FROM  
*Andrino Jarins*

RELINQUISHED BY/REMOVED FROM

RELINQUISHED BY/REMOVED FROM

RELINQUISHED BY/REMOVED FROM

LABORATORY SECTION

FINAL SAMPLE DISPOSITION

PRINTED ON 5/19/2016

SIGN/ PRINT NAMES

RECEIVED BY/STORED IN  
*ATL Refractor*

RECEIVED BY/STORED IN  
*Andrino Jarins*

RECEIVED BY/STORED IN  
*J. Bock, TARL*

DATE/TIME  
5/24/16 1430

DATE/TIME  
5/26/16/1500

DATE/TIME  
5/26/16/1600

SPECIAL INSTRUCTIONS

Sample From HEIS #: *B324R6* Actual Aliquot Collection Depth: *135.4' - 136.9'*

- (1) 8270\_SVOA\_GCMS: COMMON {Phenol}; 8270\_SVOA\_GCMS: COMMON (Add-on) {Tributyl phosphate};
- (2) 6020\_METALS\_ICPMS: COMMON {Aluminum, Antimony, Barium, Cadmium, Chromium, Copper, Lead, Selenium, Silver}; 6020\_METALS\_ICPMS: COMMON (Add-on) {Arsenic, Manganese, Nickel, Uranium}; 6010\_METALS\_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 7471\_MERCURY\_CV: COMMON (SOLIDS);
- (3) 300.0\_ANIONS\_IC: COMMON; 300.0\_ANIONS\_IC: COMMON (Add-on) {Phosphate};

FSR ID = FSR32330

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-020-725

PAGE 1 OF 1

COLLECTOR  
*Jan Russell*

COMPANY CONTACT  
TODAK, D

TELEPHONE NO.  
376-6427

PROJECT COORDINATOR  
TODAK, D

PRICE CODE  
8H

AIR QUALITY

SAMPLING LOCATION  
C8706, Core 20, B324R6

PROJECT DESIGNATION  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

FIELD LOGBOOK NO.  
NA

SAF NO.  
F16-020

METHOD OF SHIPMENT  
VEHICLE

TURNAROUND  
30 Days / 30 Days

ICE CHEST NO.  
NA

OFFSITE PROPERTY NO.  
NA

ACTUAL SAMPLE DEPTH  
135.4 - 136.9 ft

COA  
302914

BILL OF LADING/AIR BILL NO.  
NA

ORIGINAL

SHIPPED TO  
TesAmerica 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

PRESERVATION  
Cool <=6C  
None

HOLDING TIME  
30 Days  
6 Months

NO. OF CONTAINER(S)  
1

VOLUME  
60ml

SAMPLE ANALYSIS  
7196, CR6: COMMON;  
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, NA

SPECIAL HANDLING AND/OR STORAGE

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	X	X
B35N95	SOIL	5/26/14	JE 5/26/14 JE 1430 JE 5/26/14 1050	X	X

COPY

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM  
*Jan Russell*

RECEIVED BY/STORED IN  
*GTI Refractor*

DATE/TIME  
5/26/14 1430

Sample From HEIS #: *B324R6* Actual Aliquot Collection

RELINQUISHED BY/REMOVED FROM  
*GTI Refractor*

RECEIVED BY/STORED IN  
*Antonio James*

DATE/TIME  
5/26/14 1500

(1) GAMMA\_GS: COMMON; AMCMISO\_EIE\_PLATE\_AEA: COMMON;  
PUISO\_PLATE\_AEA: COMMON {Plutonium-238, Plutonium-239/240};  
UISO\_PLATE\_AEA: COMMON {Uranium-233/234, Uranium-235, Uranium-238};  
C14\_LSC: COMMON; I129\_SEP\_LEPS\_GS: COMMON; NIS3\_LSC: COMMON;  
NP237\_LLE\_PLATE\_AEA: COMMON;

RELINQUISHED BY/REMOVED FROM  
*Antonio James*

RECEIVED BY/STORED IN  
*Good Stressors*

DATE/TIME  
5/26/14 1600

SRTOT\_SEP\_PRECIP\_GPC: COMMON {Total beta radiostrontium};  
TC99\_ETVDSK\_LSC: COMMON; TRITIUM\_DIST\_LSC: COMMON;

RELINQUISHED BY/REMOVED FROM

RECEIVED BY/STORED IN

DATE/TIME

LABORATORY SECTION

RECEIVED BY

DATE/TIME

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DATE/TIME

DATE/TIME

PRINTED ON 5/19/2016

FSR ID = FSR32330

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-020-717

PAGE 1 OF 1

**COLLECTOR**  
Antonio James

**COMPANY CONTACT**  
TODAK, D

**TELEPHONE NO.**  
376-6427

**PROJECT COORDINATOR**  
TODAK, D

**PRICE CODE** BH

**DATA TURNAROUND**  
30 Days / 30 Days

**SAMPLING LOCATION**  
C8706, Core 1, B324N7

**PROJECT DESIGNATION**  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

**SAF NO.**  
F16-020

**AIR QUALITY**

**ICE CHEST NO.**  
NA

**FIELD LOGBOOK NO.**  
NA

**ACTUAL SAMPLE DEPTH**

**COA**  
302914

**METHOD OF SHIPMENT**  
GOVERNMENT VEHICLE

**ORIGINAL**

**SHIPPED TO**  
TestAmerica Incorporated, Richland

**OFFSITE PROPERTY NO.**  
NA

**BILL OF LADING/AIR BILL NO.**

JE 4/2/14

**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

NA

**PRESERVATION**  
Cool <=6C  
None

None

None

None

**POSSIBLE SAMPLE HAZARDS/ REMARKS**  
\*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. NA

**HOLDING TIME**  
30 Days

6 Months

None

None

None

**SPECIAL HANDLING AND/OR STORAGE**

**NO. OF CONTAINER(S)**  
1

1

1

1

1

**VOLUME**  
60ml

60ml

500ml

500ml

500ml

500ml

**SAMPLE ANALYSIS**  
7196\_C86:  
COMMON;  
SEE ITEM (1)  
IN SPECIAL  
INSTRUCTIONS

7196\_C86:  
COMMON;

SEE ITEM (1)  
IN SPECIAL  
INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B35N87	SOIL	4/2/14	1330	X	X

SAMPLE DATE	SAMPLE TIME		
4/2/14	1330	X	X

X	X	X	X

X	X	X	X

X	X	X	X

X	X	X	X

COPY

**CHAIN OF POSSESSION**

**SIGN/ PRINT NAMES**

**SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Den Russell Hubbard	4-2-14 1515	GTL Representative	4/2/14
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
GTL Representative	6/3/16/1330	Antonio James	6/3/16/1330
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Antonio James	6/3/16/1415	Robert S. Beck	6/3/16/1415
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

Sample From HEIS #: B324N7 Actual Aliquot Collection  
Depth: 45.5-47.0  
(1) GAMMA\_GS: COMMON; AMCMISO\_EIE\_PLATE\_AEA: COMMON;  
PUIISO\_PLATE\_AEA: COMMON {Plutonium-238, Plutonium-239/240};  
UIISO\_PLATE\_AEA: COMMON {Uranium-233/234, Uranium-235, Uranium-238};  
C14\_LSC: COMMON; I129\_SEP\_LEPS\_GS: COMMON; NI63\_LSC: COMMON;  
NP237\_LLE\_PLATE\_AEA: COMMON;  
SRTOT\_SEP\_PRECIP\_GPC: COMMON {Total beta radiostrontium};  
TC99\_ETVDSK\_LSC: COMMON; TRITIUM\_DIST\_LSC: COMMON;

LABORATORY SECTION	RECEIVED BY	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	
PRINTED ON 5/19/2016		

**FRS ID = FRS32334**

**TRVL NUM = TRVL-16-150**

A-6003-618 (REV 2)

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-020-718

PAGE 1 OF 1

COLLECTOR  
**Arbado Jaimes**

COMPANY CONTACT  
TODAK, D

TELEPHONE NO.  
376-6427

PROJECT COORDINATOR  
TODAK, D

PRICE CODE  
8H

DATA  
TURNAROUND  
30 Days / 30 Days

SAMPLING LOCATION  
C8706, Core 1, B324N7

PROJECT DESIGNATION  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

FIELD LOGBOOK NO.  
N/A

SAF NO.  
F16-020

AIR QUALITY

METHOD OF SHIPMENT  
FEDERAL EXPRESS

ICE CHEST NO.  
N/A

OFFSITE PROPERTY NO.  
N/A

ACTUAL SAMPLE DEPTH  
COA

362914

BILL OF LADING/AIR BILL NO.  
N/A

ORIGINAL

SHIPPED TO  
TestAmerica St. Louis

N/A

N/A

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

NO. OF CONTAINER(S)  
VOLUME

PRESERVATION  
HOLDING TIME  
TYPE OF CONTAINER

Cool <=6C  
Cool <=6C  
None  
Cool <=6C  
Cool <=6C

28 Days  
28 Days/48 Hours  
G/P  
G/P

350.1 AMMONIUM  
A: COMMON;  
9912 CYANIDE  
COMMON;

SAMPLE NO. B35N88  
MATRIX\* SOIL

SAMPLE DATE 4/2/16  
SAMPLE TIME 1330

X X X X X

60ml 60ml

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM  
*Van Russell Verbeul*

RECEIVED BY/STORED IN  
*GIL Retigaator*

DATE/TIME  
1515

Sample From HEIS #: B324N7 Actual Aliquot Collection

Depth: 45.5 - 47.0

RELINQUISHED BY/REMOVED FROM  
*GIL Retigaator*

RECEIVED BY/STORED IN  
*Arbado Jaimes*

DATE/TIME  
1330

RELINQUISHED BY/REMOVED FROM  
*Arbado Jaimes*

RECEIVED BY/STORED IN  
*Arbado Jaimes*

DATE/TIME  
1415

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 5/19/2016

FSR ID = FSR32334

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

COPY

7/11/2016

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F16-020-728

PAGE 1 OF 1

**COLLECTOR** Jan Russell  
**SAMPLING LOCATION** C8706, Core 25, B324T1  
**ICE CHEST NO.** NA  
**SHIPPED TO** TestAmerica St. Louis

**COMPANY CONTACT** TODAK, D 376-6427  
**PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling  
**FIELD LOGBOOK NO.** NA  
**OFFSITE PROPERTY NO.** NA

**TELEPHONE NO.** 376-6427  
**PROJECT COORDINATOR** TODAK, D  
**PRICE CODE** 8H  
**DATA TURNAROUND** 30 Days / 30 Days

**ACTUAL SAMPLE DEPTH** 158.5'-160.5'  
**COA** 302914  
**METHOD OF SHIPMENT** FEDERAL EXPRESS  
**ORIGINAL**

SAMPLE NO.	MATRIX*	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS	SAMPLE DATE	SAMPLE TIME	COOLING			BILL OF LADING/AIR BILL NO.
										Cool <=6C	Cool <=6C	Cool <=6C	
B35N98	SOIL				1	120mL	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	5/24/14	1615	X	X	X	NA
					1	120mL	W/PH, KEROSE NE; SEE ITEM (1) IN SPECIAL INSTRUCTIONS			X	X	X	
					1	250mL	SEE ITEM (2) IN SPECIAL INSTRUCTIONS			X	X	X	
					1	60mL	350.1 AMMONI A; COMMON; 9012 CVANIDE; COMMON;			X	X	X	
					1	60mL	SEE ITEM (3) IN SPECIAL INSTRUCTIONS			X	X	X	

COPY

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Jan Russell	5/24/14 1638	GTR Refidgenerator	5/24/14 1630	Jan Russell	5/24/14 1638	GTR Refidgenerator	5/24/14 1630
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
GTR Refidgenerator	6-01-16/1500	Anthonio James	6-01-16/1500	GTR Refidgenerator	6-01-16/1500	Anthonio James	6-01-16/1500
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Anthonio James	6-01-16/1545	Bohler-TMLA	6-01-16/1545	Anthonio James	6-01-16/1545	Bohler-TMLA	6-01-16/1545
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	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

Sample From HEIS #: B324T1 Actual Aliquot Collection  
 Depth: 158.5'-160.5'  
 (1) 8270\_SVOA\_GCMS: COMMON {Phenol}; 8270\_SVOA\_GCMS: COMMON (Add-on) {Tributyl phosphate};  
 (2) 6020\_METALS\_ICPMS: COMMON {Aluminum, Antimony, Barium, Cadmium, Chromium, Copper, Lead, Selenium, Silver};  
 6020\_METALS\_ICPMS: COMMON (Add-on) {Arsenic, Manganese, Nickel, Uranium}; 6010\_METALS\_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 7471\_MERCURY\_CV: COMMON (SOLIDS);  
 (3) 300.0\_ANIONS\_IC: COMMON; 300.0\_ANIONS\_IC: COMMON (Add-on) {Phosphate};

**LABORATORY SECTION** RECEIVED BY  
**FINAL SAMPLE DISPOSITION** DISPOSAL METHOD

PRINTED ON 5/19/2016 FSR ID = FSR32331 TRVL NUM = TRVL-16-150

DATE/TIME DATE/TIME DATE/TIME DATE/TIME

A-6003-618 (REV 2)

7/11/2016

<b>CH2M Hill Plateau Remediation Company</b>		<b>CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST</b>		F16-020-727	PAGE 1 OF 1
<b>COLLECTOR</b> Jen Russell	<b>COMPANY CONTACT</b> TODAK, D	<b>TELEPHONE NO.</b> 376-6427	<b>PROJECT COORDINATOR</b> TODAK, D	<b>PRICE CODE</b> 8H	<b>DATA TURNAROUND</b> 30 Days / 30 Days
<b>SAMPLING LOCATION</b> C8706, Core 25, B324T1	<b>PROJECT DESIGNATION</b> 200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling	<b>ACTUAL SAMPLE DEPTH</b> 158.5'-160.5'	<b>SAF NO.</b> F16-020	<b>AIR QUALITY</b> <input type="checkbox"/>	<b>METHOD OF SHIPMENT</b> GOVERNMENT VEHICLE COMPANY JR 5/24/14
<b>ICE CHEST NO.</b> NA	<b>FIELD LOGBOOK NO.</b> NA	<b>OFFSITE PROPERTY NO.</b> NA	<b>COA</b> 302914	<b>BILL OF LADING/AIR BILL NO.</b> NA	<b>ORIGINAL</b>

<b>MATRIX*</b> 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	<b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b> *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. NA	<b>PRESERVATION</b> Cool <=6C None	<b>HOLDING TIME</b> 30 Days 6 Months	<b>NO. OF CONTAINER(S)</b> 1 1	<b>VOLUME</b> 60mL 500mL	<b>SAMPLE ANALYSIS</b> 7196 CR6- COMMON; SEE ITEM (1) IN SPECIAL INSTRUCTIONS
<b>SPECIAL HANDLING AND/OR STORAGE</b>						
<b>SAMPLE NO.</b> B35N97	<b>MATRIX*</b> SOIL	<b>SAMPLE DATE</b> 5/24/14	<b>SAMPLE TIME</b> 1615	X	X	

COPY

<b>CHAIN OF POSSESSION</b>		<b>SIGN/ PRINT NAMES</b>		<b>SPECIAL INSTRUCTIONS</b>	
RELINQUISHED BY/REMOVED FROM Jen Russell Jen Russell	DATE/TIME 5/24/14 1630	RECEIVED BY/STORED IN GTL Refridgerator	DATE/TIME 5/24/14 1630	Sample From HEIS #: B324T1 Actual Aliquot Collection Depth: 158.5'-160.5' (1) GAMMA_GS: COMMON; AMCMISO_EIE_PLATE_AEA: COMMON; PUISO_PLATE_AEA: COMMON {Plutonium-238, Plutonium-239/240}; UISO_PLATE_AEA: COMMON {Uranium-233/234, Uranium-235, Uranium-238}; C14_LSC: COMMON; I129_SEP_LEPS_GS: COMMON; NI63_LSC: COMMON; NP237_LLE_PLATE_AEA: COMMON; SRTOT_SEP_PRECIP_GPC: COMMON {Total beta radiostromtium}; TC99_ETVDSK_LSC: COMMON; TRITIUM_DIST_LSC: COMMON;	
RELINQUISHED BY/REMOVED FROM GTL Refridgerator	DATE/TIME 6-01-16 / 1500	RECEIVED BY/STORED IN Antonio Jarvis	DATE/TIME 6-01-16 / 1500		
RELINQUISHED BY/REMOVED FROM Antonio Jarvis	DATE/TIME 6-01-16 / 1545	RECEIVED BY/STORED IN Berk S. Berk	DATE/TIME 6-01-16 / 1545		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
<b>LABORATORY SECTION</b>	<b>RECEIVED BY</b>	<b>TITLE</b>	<b>DATE/TIME</b>	<b>DISPOSED BY</b>	<b>DATE/TIME</b>
<b>FINAL SAMPLE DISPOSITION</b>	<b>DISPOSAL METHOD</b>				
PRINTED ON 5/19/2016		FSR ID = FSR32331		TRVL NUM = TRVL-16-150	

7/11/2016

CH2M Hill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-020-729

PAGE 1 OF 1

COLLECTOR  
*Antonio Jaires*

COMPANY CONTACT  
TODAK, D

TELEPHONE NO.  
376-6427

PROJECT COORDINATOR  
TODAK, D

PRICE CODE  
8H

DATA TURNAROUND  
30 Days / 30 Days

SAMPLING LOCATION  
C8706, Core 30, B324T6

PROJECT DESIGNATION  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

SAF NO.  
F16-020

AIR QUALITY

METHOD OF SHIPMENT  
GOVERNMENT VEHICLE

ICE CHEST NO.  
N/A

FIELD LOGBOOK NO.  
N/A

ACTUAL SAMPLE DEPTH  
183.3 - 185.3 ft

COA

BILL OF LADING/AIR BILL NO.  
N/A

ORIGINAL

SHIPPED TO  
TestAmerica Incorporated, Richland

OFFSITE PROPERTY NO.  
N/A

COMPANY  
N/A

DATE  
6-01-16

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

PRESERVATION  
Cool <= 6C

HOLDING TIME  
30 Days

NO. OF CONTAINER(S)  
1

VOLUME  
60ml

TYPE OF CONTAINER  
G/P

SAMPLE ANALYSIS  
7196, CR6; COMMON; SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SPECIAL HANDLING AND/OR STORAGE  
N/A

SAMPLE NO.  
B35N99

MATRIX\*  
N/A

SAMPLE DATE  
6-01-16

SAMPLE TIME  
1130

DATE/TIME  
6-01-16

DATE/TIME  
X

COPY

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM  
*Antonio Jaires*  
DATE/TIME  
6-01-16 / 1545  
RECEIVED BY/STORED IN  
*Bob's Back Talk*  
DATE/TIME  
6-01-16 / 1545

Sample From HEIS #: B324T6 Actual Aliquot Collection  
Depth: 183.3 - 185.3 ft \*\*  
(1) GAMMA\_GS: COMMON; AMCMISO\_EIE\_PLATE\_AEA: COMMON;  
PUISO\_PLATE\_AEA: COMMON {Plutonium-238, Plutonium-239/240};  
UISO\_PLATE\_AEA: COMMON {Uranium-233/234, Uranium-235, Uranium-238};  
C14\_LSC: COMMON; I129\_SEP\_LEPS\_GS: COMMON; NI63\_LSC: COMMON;  
NP237\_LLE\_PLATE\_AEA: COMMON;  
SRTOT\_SEP\_PRECIP\_GPC: COMMON {Total beta radiostrontium};  
TC99\_ETVDSK\_LSC: COMMON; TRITIUM\_DIST\_LSC: COMMON;

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

PRINTED ON 5/19/2016

FSR ID = FSR32332

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F16-020-730

PAGE 1 OF 1

COLLECTOR

*Anthoio Taires*

COMPANY CONTACT

TODAK, D

TELEPHONE NO.

376-6427

PROJECT COORDINATOR

TODAK, D

PRICE CODE

8H

AIR QUALITY

DATA TURNAROUND  
30 Days / 30 Days

SAMPLING LOCATION

CB706, Core 30, B324T6

PROJECT DESIGNATION

200-DV-11 Operable Unit Characterization of Waste Sites Phase 3 Sampling

SAF NO.

F16-020

METHOD OF SHIPMENT

FEDERAL EXPRESS

ICE CHEST NO.

N/A

FIELD LOGBOOK NO.

N/A

ACTUAL SAMPLE DEPTH

183.5 - 185.3 ft

COA

ORIGINAL

SHIPPED TO

TestAmerica St. Louis

OFFSITE PROPERTY NO.

N/A

BILL OF LADING/AIR BILL NO.

N/A

MATRIX\* POSSIBLE SAMPLE HAZARDS/ REMARKS

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

PRESERVATION

Cool <=6C

HOLDING TIME

14/40 Days

TYPE OF CONTAINER

2G

NO. OF CONTAINER(S)

1

VOLUME

120ml

SEE ITEM (1) IN SPECIAL INSTRUCTIONS

WTRPL, KEROSE

SEE ITEM (2) IN SPECIAL INSTRUCTIONS

350.1, ANIONIC

SEE ITEM (3) IN SPECIAL INSTRUCTIONS

9012, CVANIDE

SPECIAL HANDLING AND/OR STORAGE

N/A

SAMPLE NO.

B35NB0

MATRIX\*

SOIL

SAMPLE DATE

6-01-16

SAMPLE TIME

1130

X

X

X

X

X

COPY

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM

*Anthoio Taires*

RELINQUISHED BY/REMOVED FROM

LABORATORY SECTION

FINAL SAMPLE DISPOSITION

RECEIVED BY

DISPOSAL METHOD

PRINTED ON 5/19/2016

FSR ID = FSR32332

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

DATE/TIME

6-01-16 / 1545

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

RECEIVED BY/STORED IN

*David Scott*

RECEIVED BY/STORED IN

DATE/TIME

6-01-16 / 1545

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

Actual Aliquot Collection

Sample From HEIS #: B324T6

Depth: 183.5 ft

(1) 8270\_SVOA\_GCMS: COMMON {Phenol}; 8270\_SVOA\_GCMS: COMMON (Add-on) {Tributyl phosphate};

(2) 6020\_METALS\_ICPMS: COMMON {Aluminum, Antimony, Barium, Cadmium, Chromium, Copper, Lead, Selenium, Silver};

6020\_METALS\_ICPMS: COMMON (Add-on) {Arsenic, Manganese, Nickel, Uranium}; 6010\_METALS\_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 7471\_MERCURY\_CV: COMMON (SOLIDS);

(3) 300.0\_ANIONS\_IC: COMMON; 300.0\_ANIONS\_IC: COMMON (Add-on) {Phosphate};

TITLE

DISPOSED BY

DATE/TIME

DATE/TIME

7/11/2016

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

FIG-020-731

PAGE 1 OF 1

**COLLECTOR**  
Antonio James

**COMPANY CONTACT**  
TODAK, D

**TELEPHONE NO.**  
376-6427

**PROJECT COORDINATOR**  
TODAK, D

**PRICE CODE** 8H  
**AIR QUALITY**

**DATA TURNAROUND**  
30 Days / 30 Days

**SAMPLING LOCATION**  
C8706, Optional Core 2, B324T9

**PROJECT DESIGNATION**  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

**SAF NO.**  
F16-020

**METHOD OF SHIPMENT**  
GOVERNMENT VEHICLE

**ORIGINAL**

**ICE CHEST NO.**  
NA

**FIELD LOGBOOK NO.**  
NA

**ACTUAL SAMPLE DEPTH**  
148.3 - 201.3 ft

**COA**  
302914

**BILL OF LADING/AIR BILL NO.**  
NA

**SHIPPED TO**  
TestAmerica Incorporated, Richland

**OFFSITE PROPERTY NO.**  
NA

**NA**

JR 6/1/16

**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

**PRESERVATION**  
Cool <=6C  
None

**HOLDING TIME**  
30 Days  
6 Months

**TYPE OF CONTAINER**  
G/P  
G/P

**NO. OF CONTAINER(S)**  
1  
1

**VOLUME**  
60ml  
500ml

**SPECIAL HANDLING AND/OR STORAGE**

**SEE ITEM (1) IN SPECIAL INSTRUCTIONS**

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B35NB1	SOIL	<del>4/11/16</del> 6/1/16	1310	X	X

JR 6/1/16

COPY

**CHAIN OF POSSESSION**

**SIGN/ PRINT NAMES**

**SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

Sample From HEIS #: B324T9 Actual Aliquot Collection  
Depth: 148.3 - 201.3 ft

RELINQUISHED BY/REMOVED FROM  
*Am tonio James*

DATE/TIME  
*6-01-16/1545*

RECEIVED BY/STORED IN  
*Frank Good*

DATE/TIME  
*6-1-16/1545*

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

LABORATORY SECTION

RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DISPOSED BY

DATE/TIME

PRINTED ON 5/19/2016

FSR ID = FSR32333

TRVL NUM = TRVL-16-150

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F16-020-732

PAGE 1 OF 1

COLLECTOR  
**Antonio James**

SAMPLING LOCATION  
C8706, Optional Core 2, B324T9

ICE CHEST NO.  
NA

SHIPPED TO  
TestAmerica St. Louis

COMPANY CONTACT  
TODAK, D

TELEPHONE NO.  
376-6427

PROJECT COORDINATOR  
TODAK, D

PRICE CODE  
8H

DATA TURNAROUND  
30 Days / 30 Days

PROJECT DESIGNATION  
200-DV-1 Operable Unit Characterization of Waste Sites Phase 3 Sampling

FIELD LOGBOOK NO.  
NA

ACTUAL SAMPLE DEPTH  
198.3 - 201.3 FT

SAF NO.  
F16-020

AIR QUALITY

METHOD OF SHIPMENT  
FEDERAL EXPRESS

OFFSITE PROPERTY NO.  
NA

BILL OF LADING/AIR BILL NO.  
NA

METHOD OF SHIPMENT  
FEDERAL EXPRESS

ORIGINAL

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/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1, NA

PRESERVATION  
Cool <=6C

HOLDING TIME  
14/40 Days

TYPE OF CONTAINER  
ag

NO. OF CONTAINER(S)  
1

VOLUME  
120ml

SAMPLE ANALYSIS  
SEE ITEM (1) IN SPECIAL INSTRUCTIONS

Cool <=6C

HOLDING TIME  
14/40 Days

TYPE OF CONTAINER  
ag

NO. OF CONTAINER(S)  
1

VOLUME  
120ml

SAMPLE ANALYSIS  
WTRPH, KEROSE IN SPECIAL INSTRUCTIONS

Cool <=6C

HOLDING TIME  
6 Months

TYPE OF CONTAINER  
G/P

NO. OF CONTAINER(S)  
1

VOLUME  
500ml

SAMPLE ANALYSIS  
SEE ITEM (2) IN SPECIAL INSTRUCTIONS

Cool <=6C

HOLDING TIME  
28 Days

TYPE OF CONTAINER  
G/P

NO. OF CONTAINER(S)  
1

VOLUME  
60ml

SAMPLE ANALYSIS  
350.1 ANIONIC IN SPECIAL INSTRUCTIONS

Cool <=6C

HOLDING TIME  
28 Days/48 Hours

TYPE OF CONTAINER  
G/P

NO. OF CONTAINER(S)  
1

VOLUME  
60ml

SAMPLE ANALYSIS  
SEE ITEM (3) IN SPECIAL INSTRUCTIONS

Cool <=6C

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	COOL <=6C	COOL <=6C	NONE	COOL <=6C	COOL <=6C
B35NB2	SOIL	6/11/16	1310	X	X	X	X	X

COPY

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM  
**Arnold Jarvis**  
DATE/TIME  
6-01-16/1545

RECEIVED BY/STORED IN  
**Bob & Beltran**  
DATE/TIME  
6-01-16/1545

Actual Aliquot Collection  
Depth: 198.3 - 201.3 FT  
(1) 8270\_SVOA\_GCMS: COMMON {Phenol}; 8270\_SVOA\_GCMS: COMMON (Add-on) {Tributyl phosphate};  
(2) 6020\_METALS\_ICPMS: COMMON {Aluminum, Antimony, Barium, Cadmium, Chromium, Copper, Lead, Selenium, Silver};  
6020\_METALS\_ICPMS: COMMON (Add-on) {Arsenic, Manganese, Nickel, Uranium}; 6010\_METALS\_ICP: COMMON {Calcium, Iron, Magnesium, Potassium, Sodium}; 7471\_MERCURY\_CY: COMMON (SOLIDS);  
(3) 300.0\_ANIONS\_IC: COMMON; 300.0\_ANIONS\_IC: COMMON (Add-on) {Phosphate};

RELINQUISHED BY/REMOVED FROM  
DATE/TIME

RECEIVED BY/STORED IN  
DATE/TIME

LABORATORY SECTION  
RECEIVED BY

FINAL SAMPLE DISPOSITION  
DISPOSAL METHOD

DATE/TIME

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1090	PAGE 1 OF 1
COLLECTOR <b>EL Kauer/CHPRC</b>	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 1	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N507-33-43	ACTUAL SAMPLE DEPTH 45.5 to 47.0 ft	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	NO. OF CONTAINER(S) 1	VOLUME 12L	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION N/A	HOLDING TIME 6 Months	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY	BILL OF LADING/AIR BILL NO. N/A	<b>ORIGINAL</b>

MATRIX* A=Air DL=Drum L=Liquid DS=Drum Solids L=Liquid O=Oil S=Soil SF=Settlement 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/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	NO. OF CONTAINER(S) 1	VOLUME 12L
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B34PN6		GEOLOGIC LITHOLOGY	

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM <b>EL Kauer/CHPRC</b>	RECEIVED BY/STORED IN <b>SSU #3</b>	<p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p>
RELINQUISHED BY/REMOVED FROM <b>55443</b>	RECEIVED BY/STORED IN <b>FRANK HALL</b>	
RELINQUISHED BY/REMOVED FROM <b>Frank Hall</b>	RECEIVED BY/STORED IN <b>C. LOPEZ R J LEE GROUP</b>	
RELINQUISHED BY/REMOVED FROM <b>CHPRC</b>	RECEIVED BY/STORED IN <b>FRANK HALL</b>	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25286 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)



7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1094	PAGE 1 OF 1
COLLECTOR <b>DL Floyd/CHRC</b>	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 3	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-35-45	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO.	ACTUAL SAMPLE DEPTH 43.5 to 52.0 FT	COA 302914	BILL OF LADING/AIR BILL NO. N/A	
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION 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	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.	NO. OF CONTAINER(S) 1	VOLUME 12L	GEOLOGIC LITHOLOGY;
SAMPLE NO. B324N9	MATRIX* SOIL	SAMPLE DATE FEB 22 2016	SAMPLE TIME 0940	
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TO B324N9 2-22-16		SAMPLE ANALYSIS		

RELINQUISHED BY/REMOVED FROM DL Floyd/CHRC	DATE/TIME FEB 22 2016 1:50 PM	RECEIVED BY/STORED IN SSUE3	DATE/TIME FEB 22 2016 1:50 PM
RELINQUISHED BY/REMOVED FROM SSUE3	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME MAY 10 2016
RELINQUISHED BY/REMOVED FROM FRANK HALL	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN LEE BRUN	DATE/TIME MAY 10 2016
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 2/16/2016      FSR ID = FSR25288      TRVL NUM = TRVL-15-132      A-6003-618 (REV 2)

**SPECIAL INSTRUCTIONS**  
 TRVL-15-132 \*\* Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the EPA Method 5035A and will include 5 bottles for low level analysis. \*\* remaining radiological tests. \*\* All VOA samples will be collected using The laboratory is to use one of the low level VOA bottles for moisture content determination. \*\* VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as 2 1/2 FT Sample per HPT



7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1098		PAGE 1 OF 1			
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427	PROJECT COORDINATOR	TODAK, D		
SAMPLING LOCATION	C8706, Core 5	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil		SAF NO.	F15-011	PRICE CODE	8H	
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-607-33-85	ACTUAL SAMPLE DEPTH	57.2 to 62.2 ft	COA	302914	AIR QUALITY	<input type="checkbox"/>
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT	GOVERNMENT VEHICLE	DATA TURNAROUND	30 Days / 30 Days
MATRIX*	SOIL	PRESERVATION	None	COOL TO C	W605052				

*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/147A Dangerous Goods Regulations but are not releasable per DOE Order 458.1.		HOLDING TIME		6 Months	
NO. OF CONTAINER(S)		TYPE OF CONTAINER		PVC CORE	
VOLUME		SAMPLE ANALYSIS		GEOLOGIC LITHOLOGY;	
1		12L			

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B324P1	SOIL	FEB 22 2016	1120

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
D.L. Floyd/CHPRC	FEB 22 2016	SSC EB3	FEB 22 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #5	MAY 10 2016	Frank Hall	MAY 10 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
Frank Hall	MAY 10 2016	C. LOPEZ RILEE & GROUP	MAY 10 2016		
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		

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1100	PAGE 1 OF 1
COLLECTOR DL Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 6	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N507-33-55	ACTUAL SAMPLE DEPTH 62.2 to 67.2	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.		COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL			BILL OF LADING/AIR BILL NO.		

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 regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE <del>RADIOACTIVE</del> TO: B33PPI 2-22-16					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B324P2	SOIL	FEB 22 2016	1245

RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES	DATE/TIME	SPECIAL INSTRUCTIONS
DL Floyd/CHPRC	FEB 22 2016 10:08	RECEIVED BY/STORED IN SSU LZ 3	FEB 22 2016 10:08	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM 551143	MAY 10 2016	RECEIVED BY/STORED IN Frank Hall	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM Frank Hall	MAY 10 2016	RECEIVED BY/STORED IN CHPRC	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM CHPRC	MAY 10 2016	RECEIVED BY/STORED IN L. LOPEZ RILEE	MAY 10 2016	
RELINQUISHED BY/REMOVED FROM		RECEIVED BY/STORED IN		
RELINQUISHED BY/REMOVED FROM		RECEIVED BY/STORED IN		

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

PRINTED ON 2/16/2016      FSR ID = FSR25256      TRVL NUM = TRVL-15-132      A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1102	PAGE 1 OF 1
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	C8706, Core 7	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil		
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N507-33-55	ACTUAL SAMPLE DEPTH	67.3 to 72.3 ft
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.		COA	302914
MATRIX*	<p>POSSIBLE SAMPLE HAZARDS/ REMARKS</p> <p>*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.</p> <p>DL=Drum L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WF=Wipe X=Other</p>	PRESERVATION	N/A	DATE	2-18-16
		HOLDING TIME	6 Months	TEMPERATURE	6°C
		TYPE OF CONTAINER	PVC CORE	WATER	W605052
		NO. OF CONTAINER(S)	1		
		VOLUME	12L		
		SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY;		
SPECIAL HANDLING AND/OR STORAGE	-RADIOACTIVE TIE TO -R34P2-2				

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	DATE/TIME	DATE/TIME	SPECIAL INSTRUCTIONS
B324P3	SOIL	FEB 22 2016	1315	FEB 22 2016	FEB 22 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	DATE/TIME	DATE/TIME	TITLE	DATE/TIME
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME		
D.L. Floyd/CHPRC	SSC #3	FEB 22 2016	FEB 22 2016		
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME		
554 #3	Frank Hall	MAY 10 2016	MAY 10 2016		
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	DATE/TIME	DATE/TIME		
Frank Hall	DOPEZ R J LEE GRD	MAY 10 2016	MAY 10 2016		
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		DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY		DATE/TIME	

7/11/2016

CH2Mhill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1104	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 8	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	SAF NO. F15-011	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N507-33-45	ACTUAL SAMPLE DEPTH 72.1 to 77.1 ft	COA	BILL OF LADING/AIR BILL NO.	
SHIPPED TO RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.			ORIGINAL	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SF=Sediment T=Trussure V=Vegetation W=Water WI=Wipe X=Other	*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.	None Cool to GC	6 Months	PVC CORE	1	12L	GEOLOGIC LITHOLOGIS;
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO B34PP3 2-22-16							
SAMPLE NO. B324P4	MATRIX*	SAMPLE DATE FEB 22 2016	SAMPLE TIME 1350				

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	DATE/TIME FEB 22 2016	RECEIVED BY/STORED IN SSU AH 3	DATE/TIME FEB 22 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM SSU AH 3	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN FRANK HILL	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM Frank Hill	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN K. LOPEZ RILEE GROUP	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM CHPRC	DATE/TIME MAY 10 2016	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 2/16/2016		FSR ID = FSR25258	
		TRVL NUM = TRVL-15-132	
		A-6003-618 (REV 2)	

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1106	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 9	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-45	ACTUAL SAMPLE DEPTH 77.0 to 82.0 ft	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	FIELD LOGBOOK NO.	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION N/A	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	*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.		12L	GEOLOGIC LITHOLOGY
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B324P5	SOIL	FEB 22 2016	1420	

SPECIAL HANDLING AND/OR STORAGE  
RADIOACTIVE TO: B24P5, SW  
2-22-16

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
DL Floyd/CHPRC	FEB 22 2016	550 #3	FEB 22 2016		TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
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 2/16/2016 FSR ID = FSR25259 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)



7/11/2016

CH2MHill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1110		PAGE 1 OF 1	
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427	PROJECT COORDINATOR	TODAK, D
SAMPLING LOCATION	C8706, Core 11	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	ACTUAL SAMPLE DEPTH	87.3 to 92.3	SAF NO.	F15-011
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-A-607-33-46	COA	302914	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
SHIPPED TO		OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		DATA TURNAROUND 30 Days / 30 Days	
RJ EE - GEOTECHNICAL		N/A		N/A		<b>ORIGINAL</b>	

MATRIX*	A=Air DL=Drum L=Drum DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION HOLDING TIME TYPE OF CONTAINER NO. OF CONTAINER(S) VOLUME	NONE 6 Months PVC CORE 1 12L	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TILE TO: B34498 2-23-16	GEOLGIC LITHOLOGYS	
SAMPLE NO.	B324P7	MATRIX*	SOIL	SAMPLE DATE	FEB 23 2016	SAMPLE TIME	0935

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	RECEIVED BY/STORED IN SSV #3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN Frank Hall	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN Frank Hall	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25261 TRVL#NUM = TRVL-15-132

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1112	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 12	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-14507-23 HV	ACTUAL SAMPLE DEPTH 92.2 to 97.2 FT	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	NO. OF CONTAINER(S) 1	COA 302914	BILL OF LADING/AIR BILL NO. N/A	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL					

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	VOLUME	SAMPLE ANALYSIS
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	*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.	None	6 Months	PVC CORE	12L	GEOLOGIC LITHOLOGY
<b>SPECIAL HANDLING AND/OR STORAGE</b> <del>RADIOACTIVE TO 05/31/16</del> HV						
SAMPLE NO. B324P8	MATRIX*	SAMPLE DATE FEB 23 2016	SAMPLE TIME 1015			

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	RECEIVED BY/STORED IN SSUCLE3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM SSUCLE3	RECEIVED BY/STORED IN Frank Hall	
RELINQUISHED BY/REMOVED FROM FRANK HALL	RECEIVED BY/STORED IN C. L. P. R. J. LEE GROUP	
RELINQUISHED BY/REMOVED FROM CHPRC	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



7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1116	PAGE 1 OF 1
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	CR706, Core 14	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	PROJECT COORDINATOR	TODAK, D
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-A-507-33-46	SAF NO.	F15-011
SHIPPED TO	RJ EE - GEOTECHNICAL	ACTUAL SAMPLE DEPTH	102.1 to 107.1	COA	302914
		OFFSITE PROPERTY NO.	N/A	BILL OF LADING/AIR BILL NO.	N/A
		PRESERVATION	6 Months	PRICE CODE	8H
		HOLDING TIME	6 Months	AIR QUALITY	<input type="checkbox"/>
		TYPE OF CONTAINER	PVC CORE	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
		NO. OF CONTAINER(S)	1		<b>ORIGINAL</b>
		VOLUME	12L		
		SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY;		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	*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.	1	12L	GEOLOGIC LITHOLOGY;
B324R0	SPECIAL HANDLING AND/OR STORAGE <del>RADIOACTIVE</del> <i>2-23-16</i>			
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B324R0	SOIL	FEB 23 2016	2200	

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
D.L. Floyd/CHPRC	FEB 23 2016 1530	RECEIVED BY/STORED IN 55043	FEB 23 2016 1530	SPECIAL INSTRUCTIONS TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
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	
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 2/16/2016		FSR ID = FSR25264	
TRVL NUM = TRVL-15-132		A-6003-618 (REV 2)	

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1118	PAGE 1 OF 1
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	C8706, Core 15	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	PROJECT COORDINATOR	TODAK, D
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-507-33-44	ACTUAL SAMPLE DEPTH	107.2 to 112.2 ft
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.		COA	302914
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	PRESERVATION	6 Months	SAF NO.	F15-011
POSSIBLE SAMPLE HAZARDS/ REMARKS	*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/LATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	HOLDING TIME	COOL 60	BILL OF LADING/AIR BILL NO.	N/A
SPECIAL HANDLING AND/OR STORAGE	RADIOACTIVE TO: CHPRC	TYPE OF CONTAINER	PVC CORE	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
	2-23-16	NO. OF CONTAINER(S)	1		ORIGINAL
		VOLUME	12L		
SAMPLE NO.	B324R1	SAMPLE DATE	FEB 23 2016		
MATRIX*	SOIL	SAMPLE TIME	1300		

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME
D.L. Floyd/CHPRC	FEB 23 2016	SSO #3	FEB 23 2016	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME
Frank Hall	MAY 10 2016	FRANK HALL	MAY 10 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME
CHPRC	MAY 10 2016	CHPRC	MAY 10 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME
Frank Hall	MAY 10 2016	FRANK HALL	MAY 10 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME
CHPRC	MAY 10 2016	CHPRC	MAY 10 2016		

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 2/16/2016			
FSR ID = FSR25265			
TRVL NUM = TRVL-15-132			
A-6003-618 (REV 2)			

**COLLECTOR** D.L. Floyd/CHPRC **COMPANY CONTACT** TODAK, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAK, D **PRICE CODE** 8H **DATA TURNAROUND** 30 Days / 30 Days

**SAMPLING LOCATION** C8706, Core 16 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **SAF NO.** F15-011 **AIR QUALITY**  **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

**IChest NO.** 3396 **FIELD LOGBOOK NO.** 3396 **ACTUAL SAMPLE DEPTH** 112.1 to 117.1 ft **COA** 302914

**SHIPPED TO** RJE - GEOTECHNICAL **OFFSITE PROPERTY NO.** HNE-N507-2346 **BILL OF LADING/AIR BILL NO.** N/A

**MA TRIX\*** A=Air, DL=Drum, L=Liquid, DS=Drum, S=Solids, O=Oil, S=Soil, SE=Slurry, T=Tissue, V=Vegetation, W=Water, WT=Wipe, X=Other

**PRESERVATION** N/A **HOLDING TIME** 6 Months **TYPE OF CONTAINER** PVC CORE **NO. OF CONTAINER(S)** 1 **VOLUME** 12L

**SPECIAL HANDLING AND/OR STORAGE** RADIOACTIVE TOXIC - B342R2-1 **SAMPLE ANALYSIS** GEOLOGIC LITHOLOGY

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B324R2	SOIL	FEB 23 2016	1340

**CHAIN OF POSSESSION** SIGN/ PRINT NAMES

RECEIVED BY/STORED IN: SC#3, FEB 23 2016, 13

RECEIVED BY/STORED IN: FRANK HALL, MAY 10 2016, 13

RECEIVED BY/STORED IN: FRANK HALL, MAY 10 2016, 13

RECEIVED BY/STORED IN: FRANK HALL, MAY 10 2016, 13

RECEIVED BY/STORED IN: FRANK HALL, MAY 10 2016, 13

RECEIVED BY/STORED IN: FRANK HALL, MAY 10 2016, 13

**SPECIAL INSTRUCTIONS**

TRVL-15-132 \*\* Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. \*\* All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. \*\* The laboratory is to use one of the low level VOA bottles for moisture content determination. \*\* VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as

**LABORATORY SECTION** RECEIVED BY: DATE/TIME

**FINAL SAMPLE DISPOSITION** DISPOSAL METHOD: DATE/TIME

PRINTED ON: 2/16/2016 FSR ID: FSR25266 TRVL NUM: TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1122		PAGE 1 OF 1	
COLLECTOR	D.L. Floyd/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427	PROJECT COORDINATOR	TODAK, D
SAMPLING LOCATION	C8706, Core 17	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	ACTUAL SAMPLE DEPTH	117.2 to 122.2 Ft	SAF NO.	F15-011
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-507-33.46	COA	302914	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.	N/A	BILL OF LADING/AIR BILL NO.	N/A		
MATRIX*	SOIL	PRESERVATION	6 Months			PRICE CODE	8H
		HOLDING TIME	COOL 6°C			AIR QUALITY	<input type="checkbox"/>
		TYPE OF CONTAINER	PVC CORE			TURNAROUND	30 Days / 30 Days
		NO. OF CONTAINER(S)	1				
		VOLUME	12L				
		SAMPLE ANALYSIS	GEOLOGIC LITHOLOGS;				

SPECIAL HANDLING AND/OR STORAGE	RADIOACTIVE TO B37PNC SLL	
SAMPLE NO.	B324R3	MATRIX*
SAMPLE DATE	FEB 23 2016	SAMPLE TIME
	1435	

CHAIN OF POSSESSION			
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.L. Floyd/CHPRC	FEB 23 2016	SSC #13	FEB 23 2016
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
SSU #3	MAY 10 2016	Frank Hill	MAY 10 2016
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Frank Hill	MAY 10 2016	LEE BROUN	MAY 10 2016
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

**SPECIAL INSTRUCTIONS**  
 TRVL-15-132 \*\* Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. \*\* All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. \*\* The laboratory is to use one of the low level VOA bottles for moisture content determination. \*\* VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1124	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 18	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33.47	ACTUAL SAMPLE DEPTH 122.5-127.5	SAF NO. F15-011	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL		PRESERVATION None - 6 months			
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		HOLDING TIME 6 Months			
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/1AT/A Dangerous Goods Regulations but are not releasable per DOE Order 458.1.		TYPE OF CONTAINER PVC CORE			
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TO B3443 May L. Gerson 2-24-16		NO. OF CONTAINER(S) 1			
		VOLUME 12L			
		SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;			
SAMPLE NO. B324R4	MATRIX* SOIL	SAMPLE DATE 2-24-16	SAMPLE TIME 0755		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN 1400 354#3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 24 2016 1400	DATE/TIME MAY 10 2016 1100	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN ROPEZ R J LEE	
DATE/TIME MAY 10 2016 1100	DATE/TIME MAY 10 2016 2:00	
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
DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID: FSR25268 TRVL NUM: TRVL-15-132 A-6003618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1126	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 19	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-47	ACTUAL SAMPLE DEPTH 1270-132.0	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO RJ EE - GEOTECHNICAL		PRESERVATION 2-18-16 etc Mode Cool 62 6 Months W605052		ORIGINAL	

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TO B3+P4 10y L. Barren 2-24-16					
SAMPLE NO. B324R5	MATRIX*	SAMPLE DATE 2-24-16	SAMPLE TIME 0850		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN 55u#3	<p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p>
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN Frank Hall	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25269 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1128	PAGE 1 OF 1
COLLECTOR E.L. Kauef/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 20	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-47	ACTUAL SAMPLE DEPTH 132.4 - 137.4	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	NO. OF CONTAINER(S) 1	VOLUME 12L	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION 6 Months	SPECIAL HANDLING AND/OR STORAGE -RADIOACTIVE THE TO-334R6- 1 May - Barbara 2-24-16		BILL OF LADING/AIR BILL NO. N/A	ORIGINAL

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	SAMPLE ANALYSIS
B324R6	SOIL	2-24-16	0930	✓

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauef/CHPRC SSU#3	RECEIVED BY/STORED IN SSU#3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM Frank Hall CHERG	RECEIVED BY/STORED IN Frank Hall CHERG	
RELINQUISHED BY/REMOVED FROM CHERG	RECEIVED BY/STORED IN CHERG	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25270 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1130	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 21	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-47	ACTUAL SAMPLE DEPTH 137.2 to 148.2	SAF NO. F15-011	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL		PRESERVATION 6 Months			

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 regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION 6 Months	HOLDING TIME	TYPE OF CONTAINER PVC CORE	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE <del>RADIOACTIVE TO--B34PR6--</del> JCH S1011a		SAMPLE DATE 2-24-16					
SAMPLE NO. B324R7	MATRIX*	SAMPLE DATE	SAMPLE TIME	✓			

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	DATE/TIME FEB 24 2016 1400	RECEIVED BY/STORED IN Sku#13	DATE/TIME FEB 24 2016 1400	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM Sku#13	DATE/TIME MAY 11 2016	RECEIVED BY/STORED IN Frank Hall CHPRC	DATE/TIME MAY 11 2016		
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	DATE/TIME MAY 11 2016	RECEIVED BY/STORED IN LEE GROUP	DATE/TIME MAY 11 2016		
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		

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST		F15-011-1132	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 22	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF -N-507-33-47	ACTUAL SAMPLE DEPTH 142.3-147.3	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.			COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ EE - GEOTECHNICAL				BILL OF LADING/AIR BILL NO.	<b>ORIGINAL</b>

MATRIX*	PRESERVATION	HOLDING TIME	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	*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.	6 Months	1	12L	GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE <del>RADIOACTIVE-THE TO-834PR2-</del> JLT 5/10/16					
SAMPLE NO. B324R8	MATRIX*	SAMPLE DATE	SAMPLE TIME		
	SOIL	2-24-16	1105		✓

W605052

CHAIN OF POSSESSION	SIGN / PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN FEB 24 2016 1400 SSU #13	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM SSU #13	RECEIVED BY/STORED IN MAY 10 2016 1100 Frank Hall CHPRC	
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	RECEIVED BY/STORED IN MAY 10 2016 1100 Frank Hall CHPRC	
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
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25272 TRVL NUM = TRVL15-132 A-6003-618 (REV. 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1134	PAGE 1 OF 1
<b>COLLECTOR</b> E.L. Kauert/CHPRC	<b>COMPANY CONTACT</b> TODAK, D	<b>TELEPHONE NO.</b> 376-6427	<b>PROJECT COORDINATOR</b> TODAK, D	<b>PRICE CODE</b> 8H	<b>DATA TURNAROUND</b> 30 Days / 30 Days
<b>SAMPLING LOCATION</b> C8706, Core 23	<b>PROJECT DESIGNATION</b> 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	<b>FIELD LOGBOOK NO.</b> HNF-N-507-33-47	<b>ACTUAL SAMPLE DEPTH</b> 147.1-152.1	<b>SAF NO.</b> F15-011	<input type="checkbox"/> AIR QUALITY
<b>ICE CHEST NO.</b>				<b>COA</b> 302914	<b>METHOD OF SHIPMENT</b> GOVERNMENT VEHICLE
<b>SHIPPED TO</b> RJ EE - GEOTECHNICAL	<b>OFFSITE PROPERTY NO.</b> N/A	<b>BILL OF LADING/AIR BILL NO.</b> N/A			<b>ORIGINAL</b>

<b>MATRIX*</b> 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	<b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b> *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/JMTA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	<b>PRESERVATION</b> None 6 Months	<b>HOLDING TIME</b>	<b>TYPE OF CONTAINER</b> PVC CORE	<b>NO. OF CONTAINER(S)</b> 1	<b>VOLUME</b> 12L	<b>SAMPLE ANALYSIS</b> GEOLOGIC LITHOLOGY;
<b>SPECIAL HANDLING AND/OR STORAGE</b> RADIOACTIVE TO B34988 Mary L. Barton 2-24-16							
<b>SAMPLE NO.</b> B324R9	<b>MATRIX*</b> SOIL	<b>SAMPLE DATE</b> 2-24-16	<b>SAMPLE TIME</b> 12:35				

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kauert/CHPRC	DATE/TIME FEB 24 2016 1400	RECEIVED BY/STORED IN SSU#13	DATE/TIME FEB 24 2016 1400	<p><b>SPECIAL INSTRUCTIONS</b></p> <p>TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as</p>	
RELINQUISHED BY/REMOVED FROM SSU#13	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN Frank Hall CHPRC	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN MAY 10 2016	DATE/TIME MAY 10 2016		
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		

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

PRINTED ON 2/16/2016 FSR ID = FSR25273 TRVL NUM = TRVL-15-132 A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FIS-011-1136		PAGE 1 OF 1	
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days		
SAMPLING LOCATION C8706, Core 24	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-53-47	ACTUAL SAMPLE DEPTH 152.1 - 157.1	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>		
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION N/A		W605052				

MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Liquid O=Oil 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.	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE THE TO-834189- Doyle, Bowen 2-24-16					
SAMPLE NO. B324T0	MATRIX*	SAMPLE DATE 2-24-16	SAMPLE TIME 1315		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN 1405 SSU#43	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 24 2016	DATE/TIME FEB 24 2016	
RELINQUISHED BY/REMOVED FROM SSU#43	RECEIVED BY/STORED IN Frank Hall	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN MAY 10 2016	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
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	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 2/16/2016			
FSR ID: = FSR25274			
TRVL NUM: = TRVL-15-132			
A-6003-618 (REV 2)			

7/11/2016

<b>CH2M Hill Plateau Remediation Company</b>		<b>CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST</b>		<b>F15-011-1138</b>	<b>PAGE 1 OF 1</b>
<b>COLLECTOR</b> E.L. Kauer/CHPRC	<b>COMPANY CONTACT</b> TODAK, D	<b>TELEPHONE NO.</b> 376-6427	<b>PROJECT COORDINATOR</b> TODAK, D	<b>PRICE CODE</b> 8H	<b>DATA TURNAROUND</b> 30 Days / 30 Days
<b>SAMPLING LOCATION</b> C8706, Core 25	<b>PROJECT DESIGNATION</b> 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	<b>FIELD LOGBOOK NO.</b> HNF-N507-33-47	<b>ACTUAL SAMPLE DEPTH</b> 1.57.0 - 1.62.0	<b>SAF NO.</b> F15-011	<input type="checkbox"/> <b>AIR QUALITY</b>
<b>ICE CHEST NO.</b>	<b>OFFSITE PROPERTY NO.</b> N/A	<b>BILL OF LADING/AIR BILL NO.</b> N/A	<b>METHOD OF SHIPMENT</b> GOVERNMENT VEHICLE	<b>ORIGINAL</b>	
<b>SHIPPED TO</b> RJ EE - GEOTECHNICAL	<b>PRESERVATION</b> 6 Months	<b>NO. OF CONTAINER(S)</b> 1			
<b>MATRIX*</b> 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	<b>HOLDING TIME</b>	<b>TYPE OF CONTAINER</b> PVC CORE	<b>VOLUME</b> 12L	<b>SAMPLE ANALYSIS</b> GEOLOGIC LITHOLOGY;	
<b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b> *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.	<b>SPECIAL HANDLING AND/OR STORAGE</b> RADIOACTIVE TIE TO: 834PFB- Mary L. Barson 2-24-16	<b>SAMPLE DATE</b> 2-24-16			
<b>SAMPLE NO.</b> B324T1	<b>MATRIX*</b> SOIL	<b>SAMPLE TIME</b> 1400	<input checked="" type="checkbox"/>		

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/ REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/ STORED IN 35U#3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 24 2016 1400	DATE/TIME FEB 24 2016 1400	
RELINQUISHED BY/ REMOVED FROM 55U#3	RECEIVED BY/ STORED IN Frank Hall	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
RELINQUISHED BY/ REMOVED FROM Frank Hall	RECEIVED BY/ STORED IN CHPRC	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
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	

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

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FI5-011-1140	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 26	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-47	ACTUAL SAMPLE DEPTH 162.1 to 167.1 FT	SAF NO. F15-011	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.		COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL			BILL OF LADING/AIR BILL NO.		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	*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.		6 Months	PVC CORE	1	12L	GEOLOGIC LITHOLOGY
	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIT TO: 834FFH Troy L. Baeber						
SAMPLE NO. B324T2	MATRIX* SOIL	SAMPLE DATE 2-24-16	SAMPLE TIME 1440				

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN SSUTS	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** Remaining radiological tests. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 24 2016 1400	DATE/TIME FEB 24 2016 1400	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN FRANK HALL	
DATE/TIME MAY 10 2016 0730	DATE/TIME MAY 10 2016 0730	
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN FRANK HALL	
DATE/TIME MAY 10 2016 0730	DATE/TIME MAY 10 2016 0730	
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	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
PRINTED ON 2/16/2016	FSR ID = FSR25276	TRVL NUM = TRVL-15-132	A-6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1142	PAGE 1 OF 1
COLLECTOR E.L. Kauner/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 27	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF -N-507-33-48	ACTUAL SAMPLE DEPTH 167.1 - 172.1	SAF NO. F15-011	METHOD OF SHIPMENT GOVERNMENT VEHICLE <b>ORIGINAL</b>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	COA 302914	BILL OF LADING/AIR BILL NO. N/A		
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None 6 Months	HOLDING TIME	TYPE OF CONTAINER PVC CORE	NO. OF CONTAINER(S) 1	VOLUME 12L
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	<p><b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b></p> <p>*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.</p>				
<p><b>SPECIAL HANDLING AND/OR STORAGE</b></p> <p>RADIOACTIVE THE TO-25-16 2-25-16</p>					
SAMPLE NO. B324T3	MATRIX* SOIL	SAMPLE DATE 2-25-16	SAMPLE TIME 0805	GEOLOGIC LITHOLOGY; ✓	

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauner/CHPRC	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME FEB 25 2016 1400
RELINQUISHED BY/REMOVED FROM SSU #3	RECEIVED BY/STORED IN FRANK HALL	DATE/TIME MAY 10 2016 1400
RELINQUISHED BY/REMOVED FROM Frank Hall	RECEIVED BY/STORED IN C. LOPEZ	DATE/TIME MAY 10 2016 200
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

TRVL-15-132 \*\* Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. \*\* All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. \*\* The laboratory is to use one of the low level VOA bottles for moisture content determination. \*\* VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as

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

PRINTED ON 2/16/2016 FSR ID = FSR25277 TRVL NUM = TRVL-15-132 A-6003-618 (REV. 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1144	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 28	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-48	ACTUAL SAMPLE DEPTH 172.3-177.3 FT	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO. N/A	NO. OF CONTAINER(S) 1	VOLUME 12L	COA 302914	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION N/A	HOLDING TIME 6 Months	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;	BILL OF LADING/AIR BILL NO. N/A	<b>ORIGINAL</b>

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS
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	*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.
SAMPLE NO.	MATRIX*
B324T4	SOIL
	2-25-16
	0855
	✓

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN SSU #3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
DATE/TIME FEB 25 1400	DATE/TIME FEB 25 1400	
RELINQUISHED BY/REMOVED FROM SSU #3	RECEIVED BY/STORED IN Frank Hall CHPRC	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
RELINQUISHED BY/REMOVED FROM CHPRC	RECEIVED BY/STORED IN R J LEE GRUP	
DATE/TIME MAY 10 2016	DATE/TIME MAY 10 2016	
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	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 2/16/2016 FSR ID = FSR25278 TRVL NUM = TRVL-15-132 A:6003-618 (REV 2)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1146	PAGE 1 OF 1
COLLECTOR E.L. Kauert/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION C8706, Core 29	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-48	ACTUAL SAMPLE DEPTH 177.3 to 182.3	SAF NO. F15-011	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.		METHOD OF SHIPMENT GOVERNMENT VEHICLE	<b>ORIGINAL</b>
SHIPPED TO RJ EE - GEOTECHNICAL	PRESERVATION None Cool 6°C		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	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.	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY;
SPECIAL HANDLING AND/OR STORAGE <del>INACTIVE TO-83#114</del> JUL 5/11/16				
SAMPLE NO. B324T5	MATRIX* SOIL	SAMPLE DATE 2-25-16	SAMPLE TIME 0945	✓

CHAIN OF POSSESSION		SIGN / PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kauert/CHPRC	DATE/TIME FEB 25 2016 1400	RECEIVED BY/STORED IN SSU #3	DATE/TIME FEB 25 2016 1400	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM 354#3	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN FRANK HALL CHPRC	DATE/TIME MAY 10 2016		
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN PEZ RILEE	DATE/TIME MAY 10 2016		
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 2/16/2016

FSR ID = FSR25279

TRVL NUM = TRVL-15-132

A-6003-618 (REV. 3)

7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F15-011-1148	PAGE 1 OF 1
COLLECTOR	E.L. Kaufer/CHPRC	COMPANY CONTACT	TODAK, D	TELEPHONE NO.	376-6427
SAMPLING LOCATION	C8706, Core 30	PROJECT DESIGNATION	200-DV-1 Operable Unit Characterization of Waste Sites - Soil	PROJECT COORDINATOR	TODAK, D
ICE CHEST NO.		FIELD LOGBOOK NO.	HNF-N-507-33-48	SAF NO.	F15-011
		ACTUAL SAMPLE DEPTH	182.3 - 187.3 FT	COA	302914
SHIPPED TO	RJ EE - GEOTECHNICAL	OFFSITE PROPERTY NO.	N/A	DATE	2-18-16
		BILL OF LADING/AIR BILL NO.	N/A	METHOD OF SHIPMENT	GOVERNMENT VEHICLE
				PRICE CODE	8H
				AIR QUALITY	<input type="checkbox"/>
				TURNAROUND	30 Days / 30 Days
					<b>ORIGINAL</b>

MATRIX*	SOIL	MATRIX*	B324T6
PRESERVATION	6 Months	SAMPLE DATE	2-25-16
HOLDING TIME	6 Months	SAMPLE TIME	1040
TYPE OF CONTAINER	PVC CORE		
NO. OF CONTAINER(S)	1		
VOLUME	12L		
SAMPLE ANALYSIS	GEOLOGIC LITHOLOGY;		
SPECIAL HANDLING AND/OR STORAGE	RADIOLACTIVE TITLE TO: B324T6 Mary L. Bacon 2-25-16		

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
E.L. Kaufer/CHPRC	FEB 25 2016 1400	SSU #3	FEB 25 2016 1400	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
Frank Hall	MAY 10 2016 1100	Frank Hall	MAY 10 2016 1100	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
Frank Hall	MAY 10 2016 2000	FRANK PEZ R J LEE	MAY 10 2016 1200	
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
DISPOSAL METHOD	DISPOSED BY		DATE/TIME
FINAL SAMPLE DISPOSITION			

PRINTED ON 2/16/2016      FSR ID = FSR25280      TRVL NUM = TRVL-15-132      A-6003-618 (REV 2)

7/11/2016

<b>CH2M Hill Plateau Remediation Company</b>		<b>CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST</b>		<b>F15-011-1150</b>	<b>PAGE 1 OF 1</b>
<b>COLLECTOR</b> E.L. Kauer/CHPRC	<b>COMPANY CONTACT</b> TODAK, D	<b>TELEPHONE NO.</b> 376-6427	<b>PROJECT COORDINATOR</b> TODAK, D	<b>PRICE CODE</b> 8H	<b>DATA TURNAROUND</b> 30 Days / 30 Days
<b>SAMPLING LOCATION</b> C8706, Core 31	<b>PROJECT DESIGNATION</b> 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	<b>FIELD LOGBOOK NO.</b> HNE-A-507-33.48	<b>ACTUAL SAMPLE DEPTH</b> 187.3 - 192.3 FT	<b>SAF NO.</b> F15-011	<b>AIR QUALITY</b> <input type="checkbox"/>
<b>ICE CHEST NO.</b>		<b>OFFSITE PROPERTY NO.</b> N/A	<b>COA</b> 302914	<b>METHOD OF SHIPMENT</b> GOVERNMENT VEHICLE	<b>ORIGINAL</b>
<b>SHIPPED TO</b> RJ EE - GEOTECHNICAL		<b>DATE</b> 08-2-18-16	<b>BILL OF LADING/AIR BILL NO.</b> N/A		

<b>MATRIX*</b> A=Air DL=Drum L=Liquid DS=Drum S=Solids O=Oil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	<b>POSSIBLE SAMPLE HAZARDS/ REMARKS</b> *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/TATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	<b>PRESERVATION</b> 6 Months	<b>HOLDING TIME</b>	<b>TYPE OF CONTAINER</b> PVC CORE	<b>NO. OF CONTAINER(S)</b> 1	<b>VOLUME</b> 12L	<b>SAMPLE ANALYSIS</b> GEOLOGIC LITHOLOGY;
<b>SPECIAL HANDLING AND/OR STORAGE</b> -RADIOACTIVE TO-B34D16- Timothy L. Borden 2-25-16							
<b>SAMPLE NO.</b> B324T7	<b>MATRIX*</b> SOIL	<b>SAMPLE DATE</b> 2-25-16	<b>SAMPLE TIME</b> 1200				

CHAIN OF POSSESSION		SIGN / PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	DATE/TIME FEB 25 7:16 1400	RECEIVED BY/STORED IN SSU #3	DATE/TIME FEB 25 2016 1400	<b>TRVL-15-132 **</b> Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as	
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN CHPRC	DATE/TIME MAY 11 2016		
RELINQUISHED BY/REMOVED FROM [Signature]	DATE/TIME MAY 10 2016	RECEIVED BY/STORED IN RILEE GROUP	DATE/TIME MAY 11 2016		
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		
<b>LABORATORY SECTION</b>	<b>RECEIVED BY</b>	<b>DISPOSED BY</b>	<b>DATE/TIME</b>	<b>DATE/TIME</b>	
<b>FINAL SAMPLE DISPOSITION</b>	<b>DISPOSAL METHOD</b>				

PRINTED ON 2/16/2016 FSR ID = FSR25281

TRVL NUM = TRVL-15-132

A-6003-618 (REV 2)



7/11/2016

CH2M Hill Plateau Remediation Company		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		FTS-011-1154	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE 8H	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION OPTIONAL 2 CB766	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-49	ACTUAL SAMPLE DEPTH 197.3 + 0.202.3	SAF NO. F15-011	<input type="checkbox"/>
ICE CHEST NO.	OFFSITE PROPERTY NO.			BILL OF LADING/AIR BILL NO.	METHOD OF SHIPMENT GOVERNMENT VEHICLE
SHIPPED TO RJ EE - GEOTECHNICAL					<b>ORIGINAL</b>

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid 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/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	PRESERVATION None Cooler	HOLDING TIME 6 Months	TYPE OF CONTAINER PVC CORE	NO. OF CONTAINER(S) 1	VOLUME 12L	SAMPLE ANALYSIS GEOLOGIC LITHOLOGY	
SPECIAL HANDLING AND/OR STORAGE INACTIVE TIE TO: B34478 Mary L. BROWN 2-29-16								
SAMPLE NO. B324T9	MATRIX*	SAMPLE DATE 2-29-16	SAMPLE TIME 0845					

W605052

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM D.L. Floyd/CHPRC	RECEIVED BY/STORED IN SSU #3	TRVL-15-132 ** Sample material used for GEA may be used to supplement sample mass required for other radiological tests. GEA data will be reported to CHPRC for review prior to proceeding with the remaining radiological tests. ** All VOA samples will be collected using EPA Method 5035A and will include 5 bottles for low level analysis. ** The laboratory is to use one of the low level VOA bottles for moisture content determination. ** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as
RELINQUISHED BY/REMOVED FROM 531#3 Frank Hall	RECEIVED BY/STORED IN CHPRC PEZ RJ LEE GROUP	
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