

Prepared for the U.S. Department of Energy under Contract DE-AC05-76RL01830

Data Package of Samples Collected for Hydrogeologic and Geochemical Characterization: 300 Area RI/FS Sediment Cores

MJ Lindberg BN Bjornstad DC Lanigan B Williams

May 2011



DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor Battelle Memorial Institute, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or Battelle Memorial Institute. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

PACIFIC NORTHWEST NATIONAL LABORATORY

operated by

BATTELLE

for the

UNITED STATES DEPARTMENT OF ENERGY

under Contract DE-AC05-76RL01830

Printed in the United States of America

Available to DOE and DOE contractors from the Office of Scientific and Technical Information, P.O. Box 62, Oak Ridge, TN 37831-0062; ph: (865) 576-8401 fax: (865) 576-5728 email: reports@adonis.osti.gov

Available to the public from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Rd., Springfield, VA 22161 ph: (800) 553-6847 fax: (703) 605-6900 email: orders@ntis.fedworld.gov online ordering: http://www.ntis.gov/ordering.htm



Data Package of Samples Collected for Hydrogeologic and Geochemical Characterization: 300 Area RI/FS Sediment Cores

MJ Lindberg DC Lanigan BN Bjornstad B Williams

May 2011

Prepared for the U.S. Department of Energy under Contract DE-AC05-76RL01830

Pacific Northwest National Laboratory Richland, Washington 99352

05/12/11 16:16

To: Anna Radloff

From: Michael J. Lindberg

MICH

Environmental Sciences Laboratory

Energy and Environment Directorate, Pacific Northwest National Laboratory

Subject: Analytical Data Report for Sediment Samples Collected From 300-FF-5, Sample Delivery Group ESL090017, SAF Number F10-162

This letter contains the following information for sample delivery group ESL090017

- Cover Sheet
- Narrative
- Analytical Results
- Quality Control
- Geologic Logs
- Geologic Photos
- Chain of Custodies

Introduction

Between August 16, 2010 and April 25, 2011 sediment samples were received from 300-FF-5 for geochemical studies.

Analytical Results/Methodology

The analyses for this project were performed at the 331 building located in the 300 Area of the Hanford Site. The analyses were performed according to Pacific Northwest National Laboratory (PNNL) approved procedures and/or nationally recognized test procedures. The data sets include the sample identification numbers, analytical results, estimated quantification limits (EQL), and quality control data.

Quality Control

The preparatory and analytical quality control requirements, calibration requirements, acceptance criteria, and failure actions are defined in the on-line QA plan "Conducting Analytical Work in Support of Regulatory Programs" (CAW). This QA plan implements the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) for PNNL.

Definitions

Dup Duplicate

RPD Relative Percent Difference

NR No Recovery (percent recovery less than zero)

ND Non-Detectable %REC Percent Recovery

Sample Receipt

Samples were received with a chain of custody (COC) and were analyzed according to the sample identification numbers supplied by the client. All Samples were refrigerated upon receipt until prepared for analysis.

All samples were received with custody seals intact unless noted in the Case Narrative.

Holding Times

Holding time is defined as the time from sample preparation to the time of analyses. The prescribed holding times were met for all analytes unless noted in the Case Narrative.

Analytical Results

All reported analytical results meet the requirements of the CAW or client specified SOW unless noted in the case narrative.

Case Narrative Report

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

Michael Lindberg

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor Battelle Memorial Institute, nor any of their employees, makes **any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.** Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or Battelle Memorial Institute. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

Particle Size Distribution (Dry Sieve)

pH of Waters By Electrode

Tc_U 1:1 DI Water Extract by ICPMS Dry weight

SAMPLES ANALYZED IN THIS REPORT

HEIS No.	Laboratory ID	Matrix	Date Collected	Date Received
B25DR1	1008016-02	SOIL	8/9/10 11:12	8/16/10 14:45
B25DR3	1008016-04	SOIL	8/9/10 13:32	8/16/10 14:45
B25DR5	1008016-06	SOIL	8/10/10 06:49	8/16/10 14:45
B25DR7	1008016-08	SOIL	8/10/10 08:25	8/16/10 14:45
B261C1	1008016-12	SOIL	8/10/10 14:26	8/16/10 14:45
B261C5	1008016-15	SOIL	8/11/10 10:37	8/16/10 14:45
B261C6	1008016-16	SOIL	8/11/10 10:57	8/16/10 14:45
B261C3	1008016-39	SOIL	8/11/10 07:54	8/16/10 14:45
B261B8	1008016-40	SOIL	8/10/10 10:33	8/16/10 14:45
B27JR5	1008016-41	SOIL	8/31/10 08:09	9/1/10 15:00
B27F36	1008016-42	SOIL	8/24/10 08:43	8/30/10 14:00
B27F37	1008016-43	SOIL	8/24/10 09:43	8/30/10 14:00
B27F38	1008016-44	SOIL	8/26/10 09:08	8/30/10 14:00
B27K57	1008016-45	SOIL	9/14/10 07:39	9/15/10 10:40
B27ML3	1008016-46	SOIL	9/15/10 11:52	9/15/10 14:20
B25DK2	1008016-48	SOIL	9/21/10 12:11	9/21/10 13:50
B278D8	1008016-49	SOIL	9/21/10 12:50	9/21/10 13:50
B27902	1008016-50	SOIL	9/21/10 13:18	9/29/10 14:05
B27933	1008016-51	SOIL	9/21/10 13:57	9/29/10 14:05
B25DK6	1008016-52	SOIL	9/21/10 14:30	9/29/10 14:05
B27PL8	1008016-53	SOIL	11/3/10 12:08	11/4/10 14:30
B27PM3	1008016-54	SOIL	11/4/10 08:02	11/4/10 14:30
B282X3	1008016-58	SOIL	11/10/10 10:47	11/11/10 13:30
B282X4	1008016-59	SOIL	11/10/10 12:00	11/11/10 13:30
B282X5	1008016-60	SOIL	11/10/10 13:27	11/11/10 13:30
B25F41	1008016-64	SOIL	11/18/10 08:12	12/2/10 09:05
B25F42	1008016-65	SOIL	11/18/10 08:47	12/2/10 09:05
B25F43	1008016-66	SOIL	11/18/10 09:38	12/2/10 09:05
B25F44	1008016-67	SOIL	11/18/10 10:01	12/2/10 09:05
B25F45	1008016-68	SOIL	11/19/10 07:28	12/2/10 09:05
B25F46	1008016-69	SOIL	11/19/10 09:27	12/2/10 09:05
B25F47	1008016-70	SOIL	11/19/10 10:16	12/2/10 09:05
B25F48	1008016-71	SOIL	11/19/10 11:52	12/2/10 09:05
B25F49	1008016-72	SOIL	11/19/10 13:15	12/2/10 09:05
B27PM7	1008016-73	SOIL	12/1/10 09:55	12/2/10 09:05

		Wet Ch	emistry		
pH (pH Uni	its) by AGG-pH-001				
Lab ID	HEIS No.	Results	EQL	Analyzed	Batch
1008016-02	B25DR1	9.42E0	N/A	4/15/11	1D15003
1008016-04	B25DR3	8.18E0	N/A	4/15/11	1D15003
1008016-06	B25DR5	7.83E0	N/A	4/15/11	1D15003
1008016-08	B25DR7	7.96E0	N/A	4/15/11	1D15003
1008016-12	B261C1	7.74E0	N/A	4/15/11	1D15003
1008016-15	B261C5	7.62E0	N/A	4/15/11	1D15003
1008016-16	B261C6	7.68E0	N/A	4/15/11	1D15003
1008016-39	B261C3	7.63E0	N/A	4/15/11	1D15004
1008016-40	B261B8	7.88E0	N/A	4/15/11	1D15003
1008016-41	B27JR5	8.02E0	N/A	4/15/11	1D15003
1008016-42	B27F36	8.12E0	N/A	4/15/11	1D15003
1008016-43	B27F37	8.05E0	N/A	4/15/11	1D15003
1008016-44	B27F38	8.17E0	N/A	4/15/11	1D15003
008016-45	B27K57	7.99E0	N/A	4/15/11	1D15003
008016-46	B27ML3	7.56E0	N/A	4/15/11	1D15003
008016-48	B25DK2	7.95E0	N/A	4/15/11	1D15003
008016-49	B278D8	7.96E0	N/A	4/15/11	1D15003
1008016-50	B27902	8.00E0	N/A	4/15/11	1D15003
008016-51	B27933	7.95E0	N/A	4/15/11	1D15003
1008016-52	B25DK6	7.94E0	N/A	4/15/11	1D15003
1008016-53	B27PL8	7.87E0	N/A	4/15/11	1D15003
1008016-54	B27PM3	7.84E0	N/A	4/15/11	1D15004
1008016-58	B282X3	7.46E0	N/A	4/15/11	1D15004
1008016-59	B282X4	7.53E0	N/A	4/15/11	1D15004
1008016-60	B282X5	7.44E0	N/A	4/15/11	1D15004
008016-64	B25F41	8.07E0	N/A	4/15/11	1D15004
1008016-65	B25F42	8.07E0	N/A	4/15/11	1D15004
1008016-66	B25F43	7.81E0	N/A	4/15/11	1D15004
008016-67	B25F44	7.60E0	N/A	4/15/11	1D15004
008016-68	B25F45	8.04E0	N/A	4/15/11	1D15004
008016-69	B25F46	7.84E0	N/A	4/15/11	1D15004
1008016-70	B25F47	7.55E0	N/A	4/15/11	1D15004
1008016-71	B25F48	8.02E0	N/A	4/15/11	1D15004
008016-72	B25F49	7.80E0	N/A	4/15/11	1D15004
1008016-73	B27PM7	7.78E0	N/A	4/15/11	1D15004

Radionuclides by ICP-MS/1:1 Water Extract

CAS#	Analyte	Results	Units	EQL	Analyzed	Batch	Method
HEIS No.	B25DR1	I al	DID:	1008016-02			
U-238	Uranium 238	<8.00E-5	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B25DR3			1008016-04	4/20/11	1D20004	1111L-1100-413
U-238	Uranium 238	1.04E-3		8.00E-5	4/26/11	1D26004	PNNL-AGG-415
			ug/g		4/20/11	1D20004	TINIL-A00-413
HEIS No.	B25DR5			1008016-06	4/26/11	1D26004	DNINI ACC 415
U-238	Uranium 238	6.69E-4	ug/g	8.00E-5	4/26/11	1D20004	PNNL-AGG-415
HEIS No.	B25DR7			1008016-08	4/06/11	1000004	DNDH A CC 415
U-238	Uranium 238	8.84E-3	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B261C1			1008016-12			
U-238	Uranium 238	2.92E-4	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B261C5			1008016-15			
U-238	Uranium 238	1.92E-4	ug/g	7.99E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B261C6			1008016-16			
U-238	Uranium 238	1.84E-2	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B261C3	Lab	DID:	1008016-39			
U-238	Uranium 238	1.15E-3	ug/g	8.03E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B261B8	Lak	DID:	1008016-40			
U-238	Uranium 238	9.67E-3	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27JR5	Lat	D:	1008016-41			
U-238	Uranium 238	2.71E-3	ug/g	7.99E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27F36	Lat	DID:	1008016-42			
U-238	Uranium 238	5.82E-2	ug/g	8.01E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27F37	Lat	DID:	1008016-43			
U-238	Uranium 238	4.81E-3	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27F38	Lat	DID:	1008016-44			
U-238	Uranium 238	5.92E-2	ug/g	8.01E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27K57	Lal		1008016-45			
U-238	Uranium 238	2.60E-2	ug/g		4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27ML3	Lal		1008016-46			
U-238	Uranium 238	2.72E-3	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B25DK2			1008016-48			
U-238	Uranium 238	4.25E-1	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B278D8			1008016-49	., _ 0, 11		
U-238	Uranium 238	4.20E-1	ug/g	8.01E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27902			1008016-50	1, 20, 11	-222001	
U-238	Uranium 238	2.27E-1	ug/g	8.00E-5	4/26/11	1D26004	PNNL-AGG-415
HEIS No.	B27933			1008016-51	T/ 20/ 11	1520004	11.11.11.11.11.11.11.11.11.11.11.11.11.
U-238	Uranium 238	1.45E-1	ug/g	7.99E-5	4/26/11	1D26004	PNNL-AGG-415
	B25DK6			1008016-52	7/20/11	1020004	111112/100-413
HEIS No. U-238	Uranium 238	3.44E-2		7.99E-5	4/26/11	1D26004	PNNL-AGG-415
			ug/g		4/20/11	11/20004	INNL-AUU-41)
HEIS No. U-238	B27PL8 Uranium 238			1008016-53	4/06/11	1D26004	DNNI ACC 415
		1.18E-1	ug/g	8.00E-5	4/26/11	1D20004	PNNL-AGG-415
HEIS No.	B27PM3			1008016-54	4100110	1D00007	DAINH ACC 417
U-238	Uranium 238	1.77E-2	ug/g	7.98E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B282X3			1008016-58		4	
U-238	Uranium 238	1.64E-4	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415 Page 6 of 43

Radionuclides by ICP-MS/1:1 Water Extract

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
HEIS No.	B282X4	Lab	ID: 10	008016-59			
U-238	Uranium 238	<7.99E-5	ug/g	7.99E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B282X5	Lab	ID: 10	008016-60			
U-238	Uranium 238	2.91E-4	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F41	Lab	ID: 10	008016-64			
U-238	Uranium 238	1.89E-2	ug/g	7.99E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F42	Lab	ID: 10	008016-65			
U-238	Uranium 238	8.59E-3	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F43	Lab	ID: 10	008016-66			
U-238	Uranium 238	3.90E-3	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F44	Lab	ID: 10	008016-67			
U-238	Uranium 238	<8.00E-5	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F45	Lab	ID: 10	008016-68			
U-238	Uranium 238	4.52E-2	ug/g	8.01E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F46	Lab	ID: 10	008016-69			
U-238	Uranium 238	1.04E-2	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F47	Lab	ID: 10	008016-70			
U-238	Uranium 238	8.94E-2	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F48	Lab	ID: 10	008016-71			
U-238	Uranium 238	1.79E-1	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B25F49	Lab	ID: 10	008016-72		_	
U-238	Uranium 238	6.47E-2	ug/g	7.92E-5	4/26/11	1D26005	PNNL-AGG-415
HEIS No.	B27PM7	Lab	ID: 10	008016-73			
U-238	Uranium 238	6.05E-2	ug/g	8.00E-5	4/26/11	1D26005	PNNL-AGG-415

Particle Size Distribution (Dry Sieve)

CAS #	Analyte	Results Units	EQL	Analyzed	Batch	Method
HEIS No.	B25DR1	Lab ID: 100	8016-02			
N/A	Particle Size 2000 uM		N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B25DR3	_ _	8016-04			
N/A	Particle Size 2000 uM	3.58E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B25DR5		8016-06			
N/A	Particle Size 2000 uM	3.75E1 % Passing		5/12/11	1E12018	ASTM D422-63
HEIS No.	B25DR7	_ _	8016-08			
N/A	Particle Size 2000 uM	9.39E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B261C1		8016-12			
N/A	Particle Size 2000 uM		N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B261C5		8016-15			
N/A	Particle Size 2000 uM		N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B261C6		8016-16			
N/A	Particle Size 2000 uM	9.25E0 % Passing		5/12/11	1E12018	ASTM D422-63
HEIS No.	B261C3		8016-39	U, 120 11		
N/A	Particle Size 2000 uM	2.35E0 % Passing		5/12/11	1E12018	ASTM D422-63
HEIS No.	B261B8		8016-40			
N/A	Particle Size 2000 uM	9.85E1 % Passing		5/12/11	1E12018	ASTM D422-63
HEIS No.	B27JR5		8016-41			
N/A	Particle Size 2000 uM		N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B27F36		8016-42			
N/A	Particle Size 2000 uM	3.76E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B27F37		8016-43			
N/A	Particle Size 2000 uM	2.77E1 % Passing		5/12/11	1E12018	ASTM D422-63
HEIS No.	B27F38		8016-44			
N/A	Particle Size 2000 uM	9.98E1 % Passing		5/12/11	1E12018	ASTM D422-63
HEIS No.	B27K57		8016-45			
N/A	Particle Size 2000 uM	1.29E1 % Passing		5/12/11	1E12018	ASTM D422-63
HEIS No.	B27ML3	Lab ID: 100				
N/A	Particle Size 2000 uM	3.10E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B25DK2		8016-48			
N/A	Particle Size 2000 uM	3.09E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B278D8	_ _	8016-49			
N/A	Particle Size 2000 uM	3.97E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B27902		8016-50			
N/A	Particle Size 2000 uM		N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B27933	_ _	8016-51			
N/A	Particle Size 2000 uM		N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B25DK6	Lab ID: 100	8016-52			
N/A	Particle Size 2000 uM	2.52E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B27PL8	Lab ID: 100	8016-53			
N/A	Particle Size 2000 uM	2.35E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B27PM3	Lab ID: 100	8016-54			
N/A	Particle Size 2000 uM	1.30E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
HEIS No.	B282X3	Lab ID: 100	8016-58			
N/A	Particle Size 2000 uM	3.17E1 % Passing	N/A	5/12/11	1E12018	ASTM D422-63
						Page 8 of 43

Particle Size Distribution (Dry Sieve)

CAS#	Analyte	Results Units	EQL Analyzed	Batch	Method
HEIS No.	B282X4	Lab ID: 10080	016-59		
N/A	Particle Size 2000 uM	9.15E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B282X5	Lab ID: 10080	16-60		
N/A	Particle Size 2000 uM	2.23E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F41	Lab ID: 10080	016-64		
N/A	Particle Size 2000 uM	4.43E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F42	Lab ID: 10080	16-65		
N/A	Particle Size 2000 uM	4.43E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F43	Lab ID: 10080	016-66		
N/A	Particle Size 2000 uM	9.95E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F44	Lab ID: 10080	16-67		
N/A	Particle Size 2000 uM	9.96E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F45	Lab ID: 10080	016-68		
N/A	Particle Size 2000 uM	2.89E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F46	Lab ID: 10080	16-69		
N/A	Particle Size 2000 uM	2.89E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F47	Lab ID: 10080	016-70		
N/A	Particle Size 2000 uM	2.15E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F48	Lab ID: 10080	16-71		
N/A	Particle Size 2000 uM	2.84E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B25F49	Lab ID: 10080	016-72		
N/A	Particle Size 2000 uM	1.20E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63
HEIS No.	B27PM7	Lab ID: 10080	016-73		
N/A	Particle Size 2000 uM	2.38E1 % Passing	N/A 5/12/11	1E12018	ASTM D422-63

Wet Chemistry - Quality Control Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1D15003 - 1:1 Water Extract (pH_)	EC_Alk)									
Duplicate (1D15003-DUP1)	Sou	ırce: 100801 <i>6</i>	5-08	Prepared &	& Analyzed	l: 04/15/11				
pH	7.58E0	N/A	pH Units		7.96E0			4.89	35	
Duplicate (1D15003-DUP2)	Sou	ırce: 1008016	5-06	Prepared &	& Analyzed	l: 04/15/11				
pH	7.69E0	N/A	pH Units		7.83E0			1.80	35	
Batch 1D15004 - 1:1 Water Extract (pH_)	EC_Alk)									
Duplicate (1D15004-DUP1)	Sou	ırce: 100801 <i>6</i>	5-59	Prepared &	& Analyzed	l: 04/15/11				
pH	7.22E0	N/A	pH Units		7.53E0			4.20	35	
Duplicate (1D15004-DUP2)	Sou	ırce: 1008016	5-65	Prepared &	& Analyzed	l: 04/15/11				
pH	7.78E0	N/A	pH Units		8.07E0			3.66	35	

Radionuclides by ICP-MS/1:1 Water Extract - Quality Control Environmental Science Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1D26004 - 1:1 Water Extra	act (ICP/ICPMS)									
Blank (1D26004-BLK1)				Prepared:	04/13/11	Analyzed:	04/26/11			
Uranium 238	<8.00E-5	8.00E-5	ug/g							
Duplicate (1D26004-DUP1)	Sou	ırce: 1008016	-08	Prepared:	04/13/11	Analyzed:	04/26/11			
Uranium 238	8.11E-3	7.99E-5	ug/g		8.84E-3			8.67	35	
Duplicate (1D26004-DUP2)	Sou	ırce: 1008016	-06	Prepared:	04/13/11	Analyzed:	04/26/11			
Uranium 238	6.61E-4	8.00E-5	ug/g		6.69E-4			1.22	35	
Post Spike (1D26004-PS1)	Sou	ırce: 1008016	-53	Prepared &	& Analyze	ed: 04/26/11				
Uranium 238	2.48E1	N/A	ug/L	1.00E0	2.35E1	124	75-125			
Batch 1D26005 - 1:1 Water Extra	act (ICP/ICPMS)									
Blank (1D26005-BLK1)				Prepared:	04/14/11	Analyzed:	04/26/11			
Uranium 238	<8.00E-5	8.00E-5	ug/g							
Duplicate (1D26005-DUP1)	Sou	ırce: 1008016	-59	Prepared:	04/14/11	Analyzed:	04/26/11			
Uranium 238	<8.00E-5	8.00E-5	ug/g		ND				35	
Duplicate (1D26005-DUP2)	Sou	ırce: 1008016	-65	Prepared:	04/14/11	Analyzed:	04/26/11			
Uranium 238	1.01E-2	8.00E-5	ug/g		8.59E-3			15.8	35	
Post Spike (1D26005-PS1)	Sou	ırce: 1008016	-73	Prepared &	& Analyze	ed: 04/26/11				
Uranium 238	1.29E1	N/A	ug/L	1.00E0	1.21E1	85.1	75-125			

Hydrogeologic and Geochemical Characterization: 300 Area RI/FS

Summary

Included here (Table 1) are geologic and physical characterization data gathered by the Pacific Northwest National Laboratory during examination of 44 sediment, split-spoon core samples that were collected from seven of 11 new RI/FS wells drilled within the 300 Area of the Hanford Site in FY2011 (Figure 1).

Table 1. 300 Area RI/FS Borehole

Characterization Samples

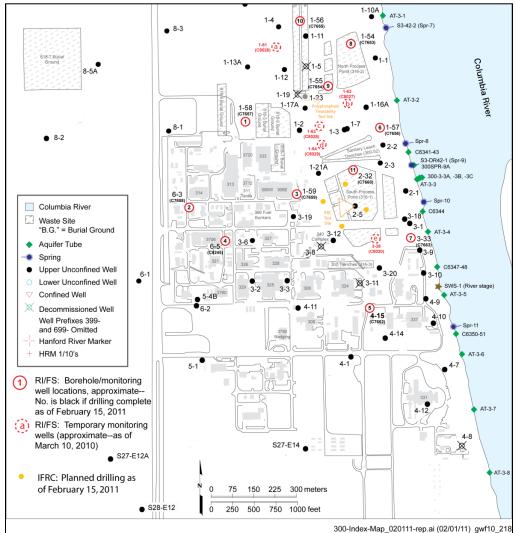
Well Name	Well ID	HEIS Sample #	Sample Type	Depth (ft)	Liner #ª	Lithology	Stratigraphic Unit	Comments
399-1-54	C7653	B25DK2	Split spoon	10.2-11.2	2	sandy gravel	Hanford fm.	
		B278D8	Split spoon	12.8-13.3	2	gravelly sand	Hanford fm.*	*mostly slough material?
		B27902	Split spoon	15.3-16	1	sandy gravel	Hanford fm.	materiar.
		B27933	Split spoon	17.4-18.5	1	silty sandy gravel	Hanford fm.	
		B25DK6	Split spoon	20-21.2	2	muddy sandy gravel/mudd y gravel	Hanford fm.	Reworked Ringold Fm matirx
		B282X3	Split spoon	33-34	2	sandy gravel	Hanford fm.	
		B282X4	Split spoon	37-37.5	2	clayey silt	Ringold Fm.	
		B282X5	Split spoon	39.5-40	2	muddy sandy gravel	Ringold Fm.	
399-1-55	C7664	B27F36	Split spoon	56-56.5	2	sandy muddy gravel	Ringold Fm.	
		B27F37	Split spoon	68.1-68.7	2	muddy sandy gravel	Ringold Fm.	
		B27F38	Split spoon	111.5-112	2	clayey silty fine sand	Ringold Fm.	
399-1-58	C7657	B27JR5	Split spoon	49.5-50	2	muddy sandy gravel	Hanford fm.	
399-2-32	C7660	B27PL8	Split spoon	36.5-37	2	muddy sandy gravel	Hanford fm.	
		B27PM3	Split spoon	41.5-42	2	Sandy gravel	Hanford fm.	
399-3-33	C7663	B25F41	Split spoon	20.5-21	3	muddy sandy gravel	Hanford fm.*	*slough
		B25F42	Split spoon	23-23.5	3	sandy gravel	Hanford fm.*	*slough
		B25F43	Split spoon	26-26.5	2	clayey sandy silt	Hanford fm.	Ringold rip- up clast
		B25F44	Split spoon	28.5-29	2	clayey sandy silt	Hanford fm.	Ringold rip- up clast

		B25F45	Split spoon	31.5-32	1	silty sandy gravel	Hanford fm.	
		B25F46	Split spoon	33.5-34	2	Silty sandy gravel	Hanford fm.	
		B25F47	Split spoon	36-36.5	2	muddy gravel	Hanford fm.	
		B25F48	Split spoon	38.5-39	2	muddy gravel	Hanford fm.	
		B25F49	Split spoon	43-43.5	2	muddy sandy gravel	Hanford fm.	
		B27PM7	Split spoon	48-48.5	2	muddy sandy gravel	Hanford fm.	
399-1-56	C7655	B27K57	Split spoon	33-33.5	3	sandy gravel	Hanford fm.	
		B27ML3	Split spoon	36.5-37	2	sandy	Hanford fm.	
		22,1120	Spin spoon		_	gravel/grave lly sand		
		B27ML4	Split spoon	38.5-39	2	muddy gravel	Hanford fm.	Muddy reworked Ringold matrix
399-1-57	C7656	B25DR0	Split spoon	12-12.5	2	muddy sandy gravel	Slough or backfill	
		B25DR1	Split spoon	14.5-15	2	muddy sandy gravel	Hanford fm.	
		B25DR2	Split spoon	17-17.5	2	muddy sandy gravel	Hanford fm.	Fragmented cobbles or boulder
		B25DR3	Split spoon	19.5-20	2	muddy sandy gravel	Hanford fm.	Fragmented cobbles or boulder
		B25DR4	Split spoon	22-22.5	2	sandy gravel	Hanford fm.	
		B25DR5	Split spoon	24.5-25	2	sandy gravel/silty sand	Hanford fm.	
		B25DR6	Split spoon	27-27.5	2	medium sand	Hanford fm.	
		B25DR7	Split spoon	29.5-30	2	medium to coarse sand	Hanford fm.	
		B261B8	Split spoon	34.5-35	2	medium to coarse sand	Hanford fm.	
		B261B9	Split spoon	36.5-37	1	sandy gravel	Hanford fm.	
		B261C0	Split spoon	38.5-39	2	sandy gravel	Hanford fm.	
		B261C1	Split spoon	42-42.5	3	gravel	Hanford fm.	
		B261C2	Split spoon	44.4-44.9	2	gravel	Hanford fm.	
		B261C3	Split spoon	47-47.5	2	gravel	Hanford fm.	
		B261C4	Split spoon	49.5-50	2	muddy sandy gravel	Hanford fm.	

B261C5	Split spoon	52-52.5	2	sandy gravel	Hanford fm.	
B261C6	Split spoon	54.5-55	2	muddy sandy gravel	Hanford fm.	Increase in Ringold pebbles - near contact?

^a Liner #1 is the lowermost of 4 split-spoon segments in a 2-ft vertical core run; liner #4 is the uppermost liner of the core run.

Figure 1. 300 Area Well Location Map.



High-resolution core photographs are presented in Appendix A. Geologic descriptions for each opened core are presented in Appendix B. Results of the other physical and chemical analyses are presented in a separate PNNL letter report prepared by Michael Lindberg. These include sieve data as well as water-extract analysis of the <2 mm sediment fraction for uranium and pH. Additional analyses were planned but not performed due to an unplanned stop-work order.

Appendix A: High Resolution Core Photographs for 300 Area RI/FS Wells

399-1-54 (C7653)

399-1-55 (C7654)

399-1-58 (C7657)

399-2-32 (C7660)

399-3-33 (C7663)

399-1-56 (C7655)

399-1-57 (C7656)

399-1-54 (C7653) Core Photos



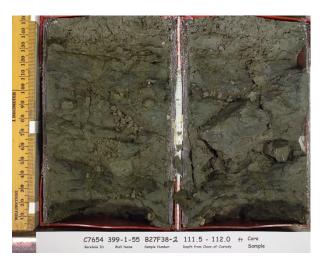




399-1-55 (C7654) Core Photos







399-1-58 (C7657) Core Photos



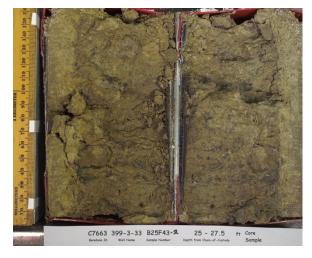
399-2-32 (C7660) Core Photos





399-3-33 (C7663) Core Photos















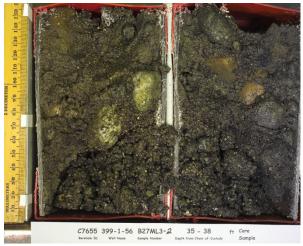






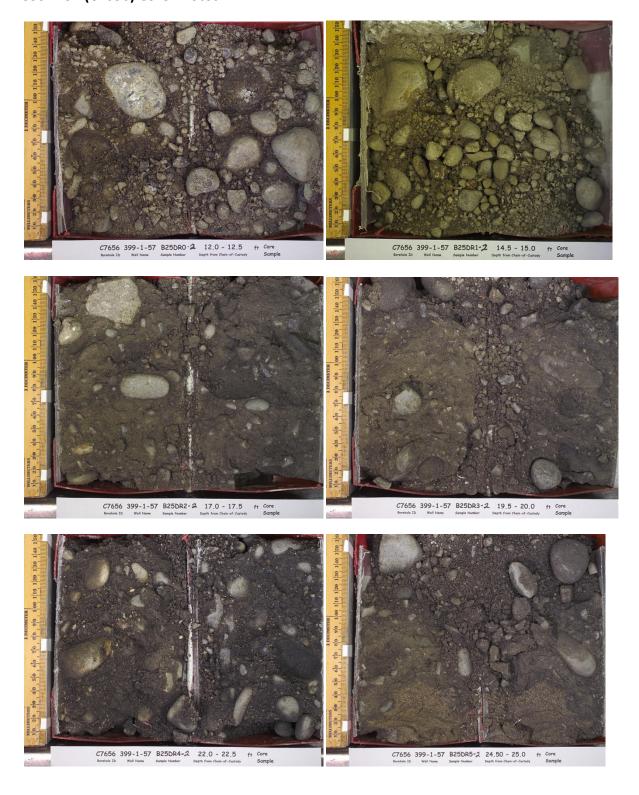
399-1-56 (C7655) Core Photos

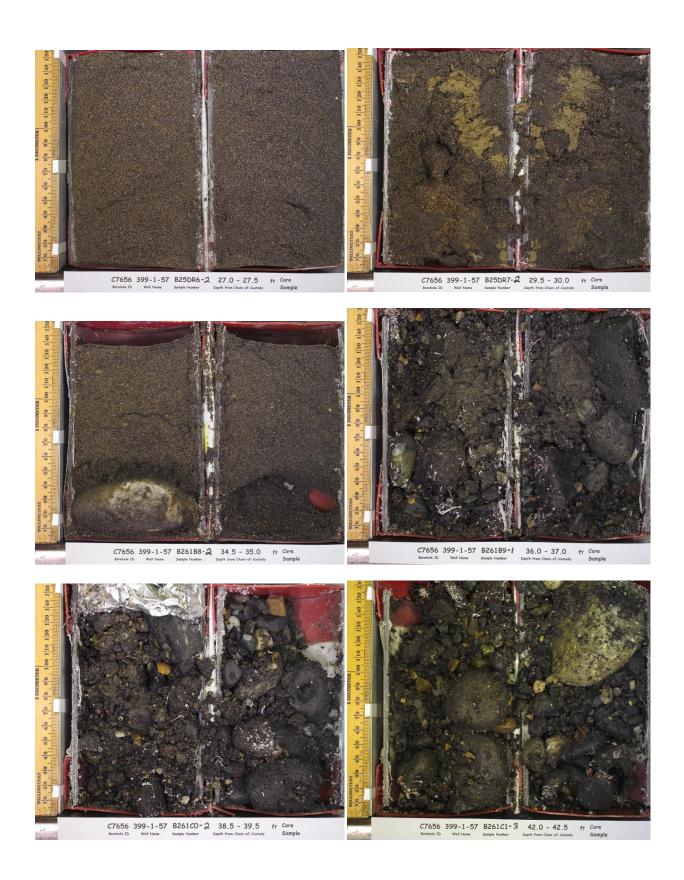


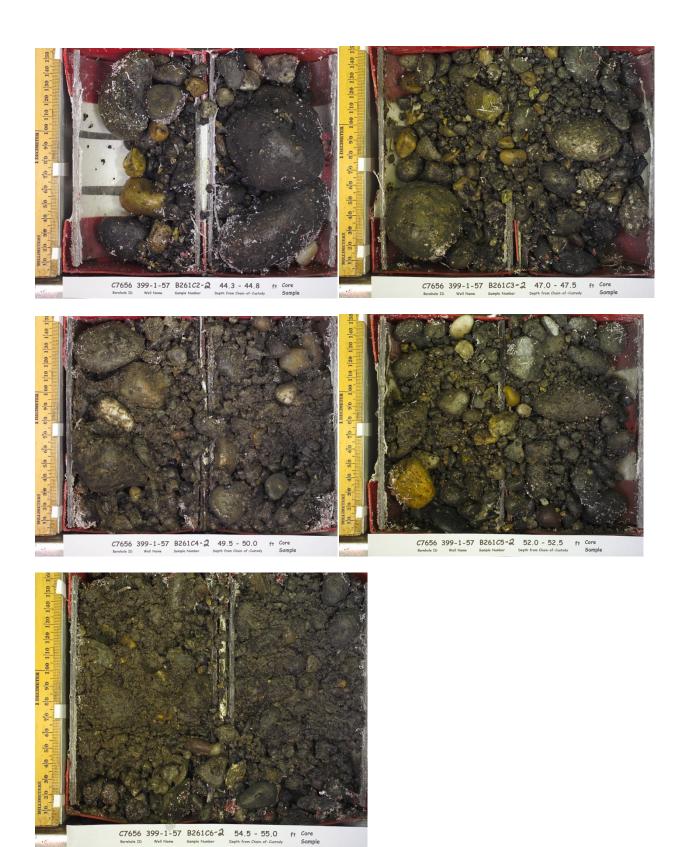




399-1-57 (C7656) Core Photos







Appendix B: Core Logs for 300 Area RI/FS Wells

399-1-54 (C7653)

399-1-55 (C7654)

399-1-58 (C7657)

399-2-32 (C7660)

399-3-33 (C7663)

399-1-56 (C7655)

399-1-57 (C7656)

	Pac Natio	Pacific Northwest National Laboratory		CORE LOG		Boring/Well No C7655/399-1-54 Location 300 Area		Depth /0.2-25' E Project RT/FS	Date 2-23~1)	Sheet of 2
	Log	Logged by	Z	Biornstad				Drilling Contractor	_	
	Revi	Reviewed by	7	304	***************************************	Date		Driller		
	Ľţ	Lithologic Class. Scheme	Scheme	Folk-Wentworth	orth	Procedure	Rev	Drill Method	Resonants	Sonic
	EPIN (T)	SAMPLES TYPE ID NUMBER	MOIS- TURE	GRAPHIC LOG	particle size distribution, sorting, π	LITHOLOGIC DESCRIPTION particle size distribution, sorting, mineralogy, roundness, color, reaction to HCl, maximum grain size, consolidation, structure, etc.)	maximum grain size, o	consolidation, structure, etc.)	ט	COMMENTS
0	0/	Spirt 8250K2	S SM	00000	2.545/2 (5ray 50% 6; S= 400) unbroken clas	4. 2.545/2 (gray ish bon) loose, poorly sorted; 10%2, 40% S, 50% 6; S= 40% basat G= 60% basalt, massive, unbroken clasts SA-SR, WKrxn W/HCI	sarted;	10% 102, 40% S+		Somewhere over 1' interval-exact depth uncertain
		5.5. 627808	N8 SM	(2) 9:0:00 Mills	ner gs mrs	slough? gs, Missive 2.544/3 (olive ben), foil filling top of liner	ben), 60:1	oder Sinis	ohotocraphs taken by De Langan	lution sphs organ
2		5.5 827902	WS 20	0,000,0	6 - 70 % basa	56,2574/2 (olive bru), 10% 2, 50% 5, 40% 6; 5=50% basalt G=70% basalt, 51. Compact, poorly sorted, unbroken clasts SA-SR	5, 40%6.	s=50% basal ted, unbroken		2
		S. s. B27933	N N	0,0000	6, 2.574/3 (olive 6 = 80% basa 5R-SA, lang	G. 2574/3 (olivebru), 15%, 40% 5, 45% 6; 5=50% basalt, 6=80% basalt, v. poorly sorted, (ubroken clasts are 5R-SA, largest clast= 8cm, si compact	5, 45% 6 3, androke	; S=50% basall n clasts are	4	
2		S.S. B250K6	K6 M	0.0.0.0 0.00		2.574/2(dk gragish brn) mottled with 10xxx/4(dkyel.brn) at mudrich base, v. poorly sorted, cokesive, 5=60% basalt, 18st = 1ast = 5cm, SM-SR	oxidized with (Ovrall	14 (dkyel.bon)	PEWOTH MAN IN	reworked Ringold mud in matrix
1										
25			W = Wet	W = Wet, M = Moist, SM = Slightly M	Moist, D = Dry				2006/DCL/FORMS	 2006/DCL/FORMS/CoreLog/001 (006/09)

Sheet			SOMIC	COMMENTS		Hautord fm.	Rivgo & Fm.
Depth 25-50 Date 2-23-	Drilling Contractor	Driller	Drill Method Kesonant SOMIC	consolidation, structure, etc.)			1 HCI 1 HCI 1 HCI 1 HCI 1 S. Mostly fr. med = 109 Mucaccools = 26-30% basal + 2006/
Dept		Date	Rev	LITHOLOGIC DESCRIPTION ness, color, reaction to HCl, maximum grain size,		S = crs-v.crs sand = 80% basalt, st clast = 6cm, 2.573/+(v.dkgray)	2 (Sray 1sh bm) aw serted, no rxn a 5% 2, 35% 5, 50% 6 xins on raw (class H, mell rounded (6
Boring/Well No <u>C7653/599-1-59</u> Location <u>300 Area</u>	OS	uos	Procedure	LITHOLOGIC DESCRIPTION (mineralogy, roundhass, color, reaction to HCl, maximum grain size, consolidation, structure, etc.)		56, 70% S, 30% 6, S = crs-v.crs sand = 80% basalt 10050, Mod. sorted, byst clast = 6cm, 2.543(+(v.dkgray)	M = 0 C2, clayer silt, cohesive, compact, stift, single people usem Ringold form. Lychneter, not thed 10 YR5/2 (stay 1sh brn) and 10 YR5/6 (yel. brn), micaceous, well sorted, no rxn w/ He! (yel. brn), micaceous, well sorted, no rxn w/ He! M = 50000 muddin sandy gravel, 15%2, 35%5 50%66, s.mostly fa.med = 10% M = 50000 ms 6, muddin sandy gravel, 15%2, 35%06 clasts incaceous. M = 50000 ms 6, muddin sandy gravel, 16% 25 0000 clasts incaceous.
ELOG	ornstad					0	20 CZ, clare (gel. b)
CORE LO	BN Bigg	ר בי	Scheme	MOIS- GRAPHI		2 × ×	8282X4 M ===================================
racinc normwest National Laboratory	Logged by	Reviewed by	Lithologic Class. Scheme	DEPTH SAMPLES (C+.) TYPE ID NUMBER		5.5. B382X3	55. 8282K4
Pacific Nationa	Pogge	Review	Litholo		m m		

UNINOUGH DESCRIPTION UNINOUGH DESCRIPTION UNINOUGH DESCRIPTION UNINOUGH DESCRIPTION UNINOUGH STATE	Logged by BRBS	V B;	ornstad	1000 H	Sgr. Date Brocedure Rev	Drilling Contractor	nauf sonic
M SGOOD SWG gleed and mottled (Gley 5/56 = greensty gray) and Styll (dk gray) = 2.20% (mostly the most, M = 30%) 6 = 50%; 1 first clast = 3cm, class this on gravel clasts, mod - poorly sorted cohesive and compact, unbraken clasts, most, 100% M, 40% S (mostly the most) M SGOOD SO 60 G; 1 first dast = 8cm; S = 10% matic delay, mod School sorted M SGOOD So 60 G; 1 first dast = 8cm; S = 10% matic delay, mod School sorted M SGOOD SORTED M SGO	AMPLES ID NIIMBER	MOIS	9 0		LITHOLOGIC DESCRIPTION By, roundness, color, reaction to HCl, moximum grain size,	consolidation, structure, etc.)	COMMENTS
ms G, 10 ye 4/1 (dx grag); 10% M, 40% S (mostly fn-med), Solo G; (gst dast = 8cm; S=10% matic olay skins; all broken clasts well rounded; bimodally mod, sorted Meakly laminated, cokesive, motted 5/56 (greenish gray) and 6/10%, no rxn w/ Hel, well sorted, micaceous, sone dark (organic-rich?) laminae	827 F3 6			1/2257	+102 (610y 5/56 = greenish = 20% (hrosty fromd) ust = 3cm, clay stins on sed colosive and compact	M=30% M=50% ravel clasts, unbroken	Ringold Fm.
MS, clayey silt, fu sand, comented + compact no dules, Weakly laminated, cohesive, motted 5/56 (greenish gray) and 6/10/, no rxn w/ Hc1, well sorted, micaceous, some dark (organic-rich?) laminae	827E3		0.0 .0.0	msG, 10YR4/11 (dkg) 50% G; last de skins; ubbooked mod, sorted	ag): 10% M, 40% S (muss) = 8cm; S=10% Ma clasts well rounded; k	stly fr-med),	
	BITES			mS, clayey silty fus Weakly laminates gray) and 6/104, no some dark (organ	and, conewted + compaced, cohesive, motted 5/20	+ nodules, 56 (greenish i micaceous,	Ringold fine

CORE LOG Bonngwell to Clearly Project RIVES	Date C C C C C C C C C C C C C C C C C C C		nant sonic	COMMENTS		
ass. Scheme ass.	RT/FS	Drilling Contractor	Drill Method Resovant	consolidation, structure, etc.)	5 200/ 3 cm, 5 260% 1 ve, massive	
And By Constant By By By Chastad ass. Scheme wees Mons Graphic Log Diving Reserved The Constant Reserved The	.		1	maximum grain size,	S, 45% G	
And Scheme ass. Sc		1	Date	DESCRIPTION reaction to HCl,	2- 40% SA-R 3	
And Signastra Bass. Scheme PRIS MOIS GRAPHICTOG NUMBER TURE C Z S G D NUMBER TURE C Z S	Location 500 Area	udge	Sen Procedure	LITHOLOGIC distribution, sorting, mineralogy, roundness, color,	S ranges	
BA Biornst BA Biornst BASScheme PIES MOIS GRAPHIC 106 D NUMBER TURE (1 2 5 6 D ANDER LO	5	py		(particle size	sorted basal	
AND	ORE LO		Pilit	GRAPHIC LOG	6 #	
d by wed by SAMPLES TYPE D NUMBER \$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	S	BA	eme		В	
Nutional Logge Review Lithoid (A)	National Laboratory	Logged by	ologic Class. Sch	TYPE	55 8275R5	And the state of t

(particle size distribution, sarting, mineralogy, roundness, color, reaction to HC), maximum grain size, consolidation, structure, etc.) # # # # # # # # # # # # #
SG, 2.584/1 (dk gray); 30% S, 70% G; Smostly crs-v.crs= 8 90% basait; loose; v. 1. He Z; clasts are SA-R; open- work fabric; mod. sorted; 18st clast= 6cm

Scheme MOIS, GRAPHICLOG MOIS, GRAPHICLOG 14.1 SM 20.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	Procedure Rev Driller UIH0106IC DESCRIPTION Unitide size distribution, sorting, mineralogy, roundness, color, reaction to HCI, maximum grain size, consolidation, structure, etc.	
Scheme MOIS GRAPHIC LOG MOIS GRAPHIC LOG MOIS CRAPHIC LOG LING ## LING ## FHI SM 00000000000000000000000000000000000	Procedure Rev Drill Method Kes LITHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HCI, maximum grain size, consolidation, structure, etc.)	
MOIS GRAPHIC LOG TURE C I S G TORE C O CO	LITHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HCI, maximum grain size, consolidation, structure, etc.)	Resonant sonic
M S M S M S M S M S M S M S M S M S M S		COMMENTS
0.00	ms G, 2.57 uft (dk gray), 15% 2, 40%5, 45% 6; 5=60% basalt, loose, v. poorly sorted; gravel clasts mostly argular, mod. rkn W/ HCI	slough?
2)	SG, 2.574/1 (dkgray); like previos sample except with 210% silt; mostly broken tragments of basalt, loose, V. poorly sorted mixture, massive	slough?
815F43 SM -1	cst, clayey fine sandy silt; 2.576/3(11. yel. brn); mottled; Very compact with harder nodules; WK rxn w/ Hcl; friable blocky; Well sorted; micaceous	Ringold Flor

Pacific Northwest National Laboratory	CORE LOG	Boring/Well No C 7663/399-3-33 Location 300 A A	Dep	Depth 27.5-35 Date Project AI-FS	2-23-11 Sheet
Logged by	BN Bjornstad	tad		Drilling Contractor	
Reviewed by	Pin Pin	15 0	Date	Driller	
Lithologic Class. Scheme	heme	Procedure	Rev	Drill Method Reso	Resonant Sonic
OEPTH SAMPLES $(\xi \mathcal{H})$ Type id number	MOIS- GRAPHIC LOG	LITHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HCl, maximum grain size, consolidation, structure, etc.)	CRIPTION tion to HC), maximum grain size	, consolidation, structure, etc.)	COMMENTS
55 B25 F44	@ E S	Sans as previous sample (26.0-26.5")	6.0-26.5)		Ringold Fm.
SS 825F46	SM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SG: 15% 2 40% 5, 45% 6; S=70% basalt; P Sorted; mottled 2.573/1 (V. dk gray) and 2.576 (H. benish gray); Some matrix of plastic Rii mud = It. Benish gray; 13st clast = Sem	S=70% basal K Sray) and 2 CX Splastic	Sych orth	
S.S. B25F46	O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	256; 2.5741 (dx gray), 15% 2, 35% 5, 50% 6; 5=fh-crs = 50% basalt, Sl. cohesive; lost elest= 2cm; no rxn w/ HCl; poorly sorted, unbroken clasts SA-SR	35% 5, 50% 6- 2cm; 40 rxv	1 S= fa-crs = 50%	
	W = Wet, M = Moist, SM = Slightly Moist, D = Dry	- Day			2006 /DCI /FDRMS /Corelog/001 (006/09)

Manolini Eagolaloly	0.0	ביים וויכים	Delling Contractor
Logged by	Print	11 COTASTACO See Date Date D	Driller
Lithologic Class. Scheme	Print Ieme	Rev	Drill Method Resourch Sonic
SAMPLES TYPE ID NUMBER	MOIS- GRAPHIC LOG	UTHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HCl, maximum grain size, consolidation, structure, etc.)	olidation, structure, etc.)
		liver #	
S.s. 625F47	00000 W	MG, 2.574/2 (dkgroy/stbr), 30% mud, 20% cohesive and compact; poorly sorted; lgst clast=6cm; unbroken diasts most	5 50% 6; 5 = 50% basalt; 13 SA-SR, massive
55 B25 F48	Ø 000000000000000000000000000000000000	MG, Same as previous sample	
		H-14. H-20 D = D	(00/ 200/ 100/ 13/ 3H803/ 130/ 2000

Pacific Northwest CORE LOG National Laboratory Reviewed by Lithologic Class. Scheme Lithologic Class. Scheme SAMPLES AND CRAPHICLOG (4) TYPE DNUMBER TURE (Z S G (P) S.S. 825 F49 W 2000 C C C C C C C C C C C C C C C C C
Indory Sas Scheller Sas Scheller Sas Scheller Sas Scheller Sas Frug

Pacific Northwest National Laboratory	CORE LOG	Boring/Well No $C7655/399$ -Location $300 Area$	399-1-56 Depth	Depth $33-40$ Date Project $RX-FS$	Date 2-24-11	Sheet
Logged by	BN Bornstad	S. S.		Drilling Contractor		
Reviewed by	7	Sold	Date	Driller		
Lithologic Class. Scheme	heme	Procedure	Rev	Drill Method Res	Resonant somic	ū
DEPTH SAMPLES (A) TYPE ID NIIMBER	MOIS- GRAPHIC LOG	UTHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HCI, maximum grain size, consolidation, structure, etc.)	SCRIPTION ction to HCl, maximum grain size	, consolidation, structure, etc.)	COMMENTS	NTS .
tilds spoon	3 0000 0000	56, 2:575/2 (grayish brn); 10% M, 80% 5, 60% 6; 2=fn- v.crs = 80% basalt; 100se; Doorly sorted; 15st clast=6cm G=60-70% basalt, mostly 5A-5R	70 M, 30% 5, 60 Doorly sorted,	1966; 2=fn- 18st clast=6cm		
5.5. B27ML3	N 00.00 M	G, 2.575/2 (stayish brn); 5% mud, 45% 5, 50% 6; 31 compact and cohesive, poorly sorted; S=fn-v.crs = 70% basalt; 18st clast = 3cm 5,2573/1 (v.dx svay); 80% S (mostly crs - v.crs); 20% G (granule to v.fn peoble); 180% S (some for some for	th.v.crs = 70% bost 1254 c	166; 31 compact 1,050 1; 1854 1,20% 6 (granule 1,054 = 5 mm		
S.S. B27ML4	010 P	mG 10YR5/4 (yel.br). 30% M, 20%5, 50%6; cohasive and compact; si mottled; with roten clasts prostly SR-R, no rxp w/HCI; clay skins; S=10-20% matic micaceous	20%5, 50%6 Key Clasts M	cohesive and ustly SR-Riacecous	Mostly mad-rich (Ringold) matrix	id-niè
	W - Wet, M - Moist, SM - Slightly Moist, D - Dry) – Dry	-		2006/DCL/FORMS/Corelog/001 (006/09)	eLog/001 (00

National Laboratory	R.N. Rioruclas	TOO THE EA	Drilling Contractor	
Reviewed by	2	Squ Date	Driller	
Lithologic Class. Scheme	heme Folk-Wentworth	Procedure	Rev Drill Method Re	Drill Method Resonant Sonic
DEPTH SAMPLES (\$\xi\$) TYPE ID NIMRER	MOIS GRAPHIC LOG	LITHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HC, maximum grain size, consolidation, structure, etc.)	m grain size, consolidation, structure, etc.)	COMMENTS
Sport	SM 00000 M	SG, 2.575/3 (1t. olivebrn); 10% M, 460/6 S, 50% G; V. poorly Sorted; abandant fragmentation, color ataptical for Haw ford fm; S= 960/6 basalt (mostly fragmented); wt rxn W/HCI; last clast = Scm	frag heused); we	Slower or backfill?
5.5. B250R1	\$ 00000 P-SM	ms6, 2545/4 (14. olive bru); 15% M, 35%5, 60% 6; v. poorly sorted; (st clast = 3cm; no rxn W/ Hel; fn-v. Ers = 90% basalt; most clasts SA-SR.	165, 60% 6; 100se; rxn W/ Hel; S= sts SA-SR.	
5.5 825 OR 2	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	ms G., 2.575/2 (grayish bru); 150/0 M, 45%05, 40% G; st. compact, poorly sorted; S: fn-crs = 60% basalt; last clast = 3cm; no rxn w/ HC1; x 50% broken rock fragments	%5, 40%6; sl. 60% basalt; 50% broken rock	Fragmented cobbles
	W = Wor H = Moio C(L = Clindy Moiot D = Dro	, , , , , , , , , , , , , , , , , , ,		2006 /DCI /FDRMS /Corel on /001 (006/09)

Date 2-27-// Sheet		Resonant sonic		Framented colobles or boulder?			2006/DCL/FORMS/Corelog/001 (006/09)
Project RI/FS	Drilling Contractor	Driller Ae	e, consolidation, structure, etc.)		s; st. compact, no rxu w) HCI	Hell Sorted, Hell A-SR Thus 117 We well sorted	
Location Soo Area P	88 P	Procedure Rev	THOLOGIC DESCRIPTION 555, color, reaction to HCI, maxi	ms G same as previous sample (17-17.5")	6, 2.574/1 (dkgray); 5% M, 50% S, 45% 6; st. compact prorty sorted: S= fn-v.crs = 80% basalt; no rxn W) HC1 [qs+&las+= 3cm	6, 25 4/1 (24 svay), 5% M, 50% S, 45% 6, V. poorly sorted, 5=80% basalto, 19st clast = 2cm, 100 rxn w/ #ci, dA-sk S, 2575/4 (H. Olivebra); fn-md. sald with this silt stringers; 10% small pebbles, sl. cohesive, well sorted s=38% basalt; mod rxn w/ Hcl	hav
CORE LOG	BN Bjornstad	D Print	GRAPHIC LOG	# # # # # # # # # # # # # # # # # # #	SM 00000 SM 000000 SM 00000000000000000	SM 00000 SE 800 SE 25 25 ST 25	
National Laboratory	Logged by	Reviewed by	DEPTH SAMPLES	S.S. BASDR3	S.S. BZSORH	5.5. 825 DR 5	

Date 2-24-11 Sheet	tor	Resouant sonic	c.) COMMENTS	s, artier	alt, riping clast?	
27656/399-1-57 Depth 27-34.5 1 300 Area Project RI/FS	Drilling Contractor Date	Rev	LITHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HCl, maximum grain size, consolidation, structure, etc.)	2.545/2 (grayish born); 100% 5; 80% med 5, 20% frs. V. well sorted homogeneous, uniform, no stratification 19st clast = md sand; no rxn w/ HCl; s = 30% basalt; St. compact	100% and-cus Sand; 10/R4/2 (dt granish bm) with 10/R7/4 (v. pale br.) sittinelasion; saw well sorted, 50% basalt, Salt-and-peopen like; SI cobesive; No rxn w/ HCI clay-sittinelasion non calcareous	
CORE LOG Boring/Well No C7656/399-1-57 Location 300 Area	BN Bjornstad	Procedure Say Procedure	GRAPHIC LOG	I'mer#	S, 100% und-cre sand; 10/R4/2 (dt Srayis (v. pale br.) estit inclusion; sand well salt-and-pepper like; si colosion clay-silt inclusion non calcareous	
Pacific Northwest National Laboratory	Logged by	Lithologic Class. Scheme	DEPTH SAMPLES MOIS-		S.S. BASDR7 M	

Date $2-2\gamma-11$ Sheet γ of ζ	ctor	Resonant SONIC	tc.) COMMENTS			salt;	
Depth 34.5-42 Project RX/FS	Drilling Contractor	thod	ize, consolidation, structure, e	npact; No rx	50% 6; poorly 5+= 5cm	. 5=70% ba	
Depl	ateC	Rev	LITHOLOGIC DESCRIPTION dness, color, reaction to HCJ, maximum grain si	4/3 (olive brn); sell sorted; sl. cov	, 5% M, 35%5, 16 basalt, 19st cla	5=300/0,709/0 G	
Boring/Well No C7656/399-1-57 Location 300 Area	120 son	Sp. Procedure	LITHOLOGIC DESCRIPTION (particle size distribution, sarting, mineralogy, roundness, color, reaction to HCI, maximum grain size, consolidation, structure, etc.)	sand = 50% basalt; v. well sorted; sl. compact; Ab rxn wattert	spoor 0 SG, 2574/2 (dkgrayish brn); 5% M, 35% S, 60% G; poorly account sorted; loose 3, S=80% basalt; lgst clast=5cm	SG: 2573/1 (V. dk gray): 5-30%, 70% G; 5-70% basalt; 1005e; 18st clast= 4cm; poorly sorted	
CORELOG	BN Bjonstad	Print neme	MOIS- GRAPHIC LOG TURE C Z S G (partic	M SEM do S	A	P) S (0.0.0.0) M 10.0.0.0 O S (0.0.0.0.0)	
Pacific Northwest National Laboratory	Logged by	Lithologic Class. Scheme	DEPTH SAMPLES (3.2.) TYPE ID NUMBER	Š	5.5. 826189	5.5. 826100	

National Laboratory	CORE LOG	Location 300 Area	Project RI/FS	5 of 6
Logged by	BN Brornstad		Drilling Contractor	
Reviewed by	7	Date	Driller	
Lithologic Class. Scheme	cheme	Procedure Rev	Drill Method Resonant	SOMIC
SAMPLES TYPE ID NIIMBER	MOIS- GRAPHIC LOG	LITHOLOGIC DESCRIPTION (particle size distribution, sorting, mineralogy, roundness, color, reaction to HCl, maximum grain size, consolidation, structure, etc.)	ze, consolidation, structure, etc.)	COMMENTS
1 4	000000 B	10% crs sand 50% pebble-cobble gravel; loose; 25/4/ (dk gray); 70% basalt; 1gst clast = 8cm, mod. Sorted; little or no matrix	Boose; 2574/1	
	<u>b</u>	2.545/2 (grayish bru); 5%5, 95% peuble-coloble grave)	4-coloble grave	
s.5 B261C2	© 000000000000000000000000000000000000	JF; loose; no matrix; me	1. sorted , last	
5.5. 826163	\$ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	13544/1 (dkgray), 100/05 90% G (mostly pelbbles); 10050; mud sorted; 19st clast = 4cm; 70% basalt	stly pelobles);	

	Pacific Northwest National Laboratory	ı, kı	CORELOG	Boring/Well No C7656/399-1-57 Location 300 Area		Depth $\frac{495-57}{455}$ Date $\frac{1}{6}$ Project $\frac{1}{8}$	Date 2-24-11	Sheet
	Logged by		BM Bjornstad	had sp	Date	Drilling Contractor		
	Lithologic Class. Scheme	Scheme	Print	Procedure	Rev	Drill Method Resonant		SORIC
	DEPTH SAMPLES () TYPE ID NIIM	MPLES MOIS- ID NIIMBER TURE	GRAPHIC LOG	LITHOLOGIC DESCRIPTION particle size distribution, sorting, mineralogy, roundness, colar, reaction to HCI, maximum grain size, consolidation, structure, etc.)	SCRIPTION tion to HCl, maximum grain size,	consolidation, structure, etc.)	WO)	COMMENTS
22	\$ \$	826 1C4 W	# # # # # # # # # # # # # # # # # # #	ms6; 2574/2(dK grayizu bin); 15% M, 25%5, 60%6, 100se; poorly sorted; S=fu-v.crs=80% basalt; 19st clastd=5cm	15% M, 259,	65, 60%6.		
5								
72	5.4. 626	B261C5 W	0.00	356; 2.574/1 (dk gray); loose; mod sorted; 30% fr. v.cs S, 70% 6 (mostly pebble); S=76% basalt; 18st clast= 5 cm	med sorted: 3 5=76% basal	0% fa-v.cus S, +; 18st clast=		
33								
54-								
53	\$\$	8261C6 W	0000	@ msG: 2.57411(dark gray): 15% M, 35% 5, 50% 6; SI comp poorly sorted; max clastsize = 4cm; 5 = 70% basalt	16 M, 35% 5, 50	act	Hanford of River	Hantond fru? - 10+5 of Ringold pubbles- Rear confact?
2								
57		W - W	W - Wet, M - Moist, SM - Slightly Moist, D - Dry	= Dry		2	2006/DCL/FORMS/C	2006/DCL/FORMS/CoreLog/001 (006/09)

CH2	MHill Plateau	Remediation Company		CHAIN C	OF CUSTO	DDY/SAMPLE ANALYSIS	REQUEST		F10-162-001	
COLLECTOR	Rust 4	I more Ra	COMPANY CONT DYEKMAN, DL	TACT	1	TELEPHONE NO. 373-2530		PROJECT COORDINATOR DYEKMAN, DL		8N
SAMPLING L C7653; I-001	OCATION		PROJECT DESIGNATION OF THE STATE OF T				SAF NO. F10-162		AIR QUALITY	
ICE CHEST N	10.		HUF-N-503			ACTUAL SAMPLE DEPTH	COA 300204ES10		METHOD OF SH FEDERAL EXPRE	
SHIPPED TO Environmenta	al Sciences Lab	oratory	OFFSITE PROPE				BILL OF LAD	ING/AIR BILL	NO.	
MATRIX* A=Air DL=Drum	Contains Rad	SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION	None					
Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)		· HOLDIN	IG TIME	6 Month	s .				- i-
Solids L=Liquid O=Oil			TYPE OF C	ONTAINER	Split Spo Liner	oon				·
S=Soil SE=Sediment		,	NO. OF COM	NTAINER(S)	1	+				
T=Tissue V=Vegetation W=Water			VOLUME 1		1000g	*				
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B25DT1		SAMPLE ANALYSIS		KD - Batch	70				
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25DK2		SOIL	9-21-10	1911	-			A		

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F	REMOVED FROM REMOVED FROM REMOVED FROM	DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME L30% PATE/TIME //0 1350 DATE/TIME	BRM # 1356 ORIGIN	AL
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	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

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN C	OF CUSTO	DDY/SAMPLE ANALYSIS	REQUEST		F10-162-001	
COLLECTOR	Rust 4	I more Ra	COMPANY CONT DYEKMAN, DL	TACT	1	TELEPHONE NO. 373-2530	PROJECT CO	ORDINATOR	PRICE CODE	8N
SAMPLING L C7653; I-001	OCATION		PROJECT DESIGNATION OF THE STATE OF T				SAF NO. F10-162		AIR QUALITY	
ICE CHEST N	10.		HUF-N-503			ACTUAL SAMPLE DEPTH	COA 300204ES10		METHOD OF SH FEDERAL EXPRE	
SHIPPED TO Environmenta	al Sciences Lab	oratory	OFFSITE PROPE				BILL OF LAD	ING/AIR BILL	NO.	
MATRIX* A=Air DL=Drum	Contains Rad	SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION	None					
Liquids DS=Drum	transportation	may not be regulated for on per 49 CFR / IATA Dangerous	· HOLDIN	IG TIME	6 Month	s .				- i-
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF C	ONTAINER	Split Spo Liner	oon				·
S=Soil SE=Sediment		,	NO. OF COM	NTAINER(S)	1	+				
T=Tissue V=Vegetation W=Water			VOL	.UME	1000g	*				
WI=Wipe X=Other		HANDLING AND/OR STORAGE VE TIE TO: B25DT1	SAMPLE A	ANALYSIS	KD - Batch	70				
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25DK2		SOIL	9-21-10	1911	-			A		

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F	REMOVED FROM REMOVED FROM REMOVED FROM	DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME L30% PATE/TIME //0 1350 DATE/TIME	BRM # 1356 ORIGIN	AL
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	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

DATA TURNAROUND

CH2M	Hill Plateau Remediation Company	CHAIN OF C	USTODY/SAMPLE ANALYSIS	REQUEST	F10-162-014	PAGE 1 OF 1
ROSENE A	Post Romo, HIGUERA	COMPANY CONTACT DYEKMAN, DL	TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROUND
SAMPLING LO C7653; I-005		PROJECT DESIGNATION 300-FF-5 RI/FS - Soil		SAF NO. F10-162	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO	D. ALA	FIELD LOGBOOK NO. HNF-N-503-299 57	ACTUAL SAMPLE DEPTH	COA 300204ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Environmental	Sciences Laboratory	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL I	NO.	
MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations	PRESERVATION	ne			
DL=Drum Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME	fonths .			
Solids L=Liquid O=Oil	Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	TYPE OF CONTAINER Sp. Lir	it Spoon er			
S=Soil SE=Sediment	·	NO. OF CONTAINER(S)				
T=Tissue V=Vegetation W=Water		VOLUME 10	00g ·			
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B25DT3	SAMPLE ANALYSIS KD	- Batch;			
		. 7		· •		
SAMP	LE NO. MATRIX*	SAMPLE DATE SAMPLE TIME				

*B25DK6

SOIL

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R	Jony Rosane 9.21-10/ 153		2010 /530		
M. A. White	nather SEP 2 1 2010 160		1: 2010 1600	1 1 1	
RELINQUISHED BY/R	SEP 2 3 2010 13	LR. Aguiller SEP 2 9 2010	L3CD		tirti ja kuu attijus
J.R. Aguilar	SEP 2 9 2010 1405	RECEIVED BY/STORED IN SUSEP 2 9 2010	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	7) OR	ICINAT
RELINQUISHED BY/R	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	S VIII	IOHAL
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	1	0	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company	CHAIN	OF CUST	ODY/SAMPLE ANALYSIS R	EQUEST	F10-162-020	PAGE	1 (OF 1
ROSANE	0.	Higusea	COMPANY CONTACT DYEKMAN, DL		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N		TURN	
			PROJECT DESIGNATION 300-FF-5 RI/FS - Soil			SAF NO. F10-162	AIR QUALITY		45 Days / 45 Days	
ICE CHEST N	_	US-129	FIELD LOGBOOK NO. HNF-N- 503-2 P	6.29	13.5-16.0	COA 300204ES10	METHOD OF SHIPMENT	two	Veh.	ale
SHIPPED TO Environmental Sciences Laboratory		OFFSITE PROPERTY NO. SEE PTR			BILL OF LADING/AIR BILL NO. SEE TIRE 8-16-10					
MATRIX*		SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESERVATION	None						
DL=Drum Liquids DS=Drum	that may or transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME	6 Month	ns					
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CONTAINER	Split Sp Liner	oon 2					
S=Soll SE=Sediment T=Tissue			NO. OF CONTAINER(S)	1						
V=Vegetation W=Water			VOLUME	1000g						
WI=Wipe X≂Other		HANDLING AND/OR STORAGE tie to: B25DV6	SAMPLE ANALYSIS	KD - Bato	ch;					
SAMP	PLE NO.	MATRIX*	SAMPLE DATE SAMPLE TIM	E						
B25DR1		SOIL	1112 1112	-						

DATA TURNAROUND

45 Days / 45 Days

DATE/TIME

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
1 0 4 0 - 1	PATE/TIME	RECEIVED BY/STORED IN SSU-RI 8/9/10	DATE/TIME	** The 300 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
SSU-R1 AUG 16 2010	TZ40	LR Aguilar ANG 16 2010	DATE/TIME	BRM # 13564
RELINOUISHED BY REMOVED FROM AU 1 5 2010	14.45	RECEIVED BY/SECREDIN AUG 16 2	DATE/TIME 010 14:45	DIVIN 11 . 33
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STÓRED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
LABORATORY RECEIVED BY		<u> </u>		TITLE DATE/TIME

FINAL SAMPLE

DISPOSITION

DISPOSAL METHOD

DISPOSED BY

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	DDY/SAMPLE ANALYSIS R	EQUEST
COLLECTOR	E Rust	Kewn Higina	DYEKMAN, DL	TACT	Т	ELEPHONE NO. 373-2530	PROJE
SAMPLING L C7656; I-004	OCATION		PROJECT DESIG 300-FF-5 RI/FS				SAF NO F10-16
ICE CHEST N	10.	6W3-189	HNF-N-50			CTUAL SAMPLE DEPTH	COA 30020
SHIPPED TO Environmenta	al Sciences Lat	poratory	OFFSITE PROPE SEE PTR				SEE P
MATRIX*		E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	VATION	None		
DL=Drum Liquids DS=Drum	that may or transportat	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Months	5	
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spo Liner	on Z	
S=Soil SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	1		
V=Vegetation W=Water			VOL	UME	1000g		
WI=Wipe X=Other		HANDLING AND/OR STORAGE tie to: B25DV7	SAMPLE A	NALYSIS	KD - Batch	v –	
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B25DR3		SOIL	8-9-10	1332	-		

DISPOSITION

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS		
RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R LR. Aguillar RELINQUISHED BY/R	EMOVED FROM AUG 18	DATE/TIME 2010 1240 5 2010 174/45 DATE/TIME	DECETVED BY STODED IN	DATE/TIME 8/9/10 /8/00 1G 15 2010 DATE/TIME DATE/TIME UG-1 5 2010 /4/15 DATE/TIME	Analysis GKI applies to the	P Characterization and Mohis SAF. RM#13564	nitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	7	ORIGINAL	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		UNIGINAL	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME			
LABORATORY SECTION	RECEIVED BY				TITLE		DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD				DISPOSED BY		DATE/TIME

F10-162-022

PRICE CODE

AIR QUALITY

8N

METHOD OF SHIPMENT 8-16-10

FEDERAL EXPRESSE Grovt Vehicle

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.
SEE PIRE 8 1 4 - 10

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

PAGE 1 OF 1

DATA

TURNAROUND

CH2I	MHill Plateau	Remediation Company		CHAIN O	F CUST	ODY/SAMPLE ANALYSIS RI	EQUEST	F10-162-024	PAGE 1 OF 1				
COLLECTOR ROSANE	Rest &	aver Higure	COMPANY CONTACT DYEKMAN, DL			TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROUN				
SAMPLING L C7656; I-006	OCATION		PROJECT DESIGNATION 300-FF-5 RI/FS - Soil			SAF NO. F10-162	AIR QUALITY	45 Days / 45 Days					
SHIPPED TO Environmental Sciences Laboratory		HNF-N-503-2 30 ACTUAL SAMPLE DEPTI			23.5-26.0	COA 300204ES10	FEDERAL EXPRESS GOUT. VEHICLE						
		OFFSITE PROPE	RTY NO.		8	BILL OF LADING/AIR BILL NO.							
MATRIX* A=Air DL=Drum	Contains Dadicactive Material at concentrations		PRESER		None		•						
Liquids DS=Drum	transportati	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	IG TIME	6 Mont								
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF C	ONTAINER	Split Sp Liner	2000n							
S=Soil SE=Sediment T=Tissue						NO. OF CONTAINER		NTAINER(S)	1				
V=Vegetation W=Water WI=Wipe			VOLUME		1000g								
X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25DV8		SAMPLE ANALYSIS		KD - Bat	ich;								
SAMP	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME									
B25DR5 SOIL		8-10-10	0649	L									

CHAIN OF POSSESS	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R LOWY ROSANE RELINQUISHED BY/R Ed KAUSH &	Jamy Rosens 8-10-10, EMOVED FROM 8-10-10	DATE/TIME		DATE/TIME	** The 300 Area S&GRP Characterization and Analysis GKI applies to this SAF. BRM # 13564	nd Monitoring Sampling and
	AUG 1 & ZUIU	1240	RECEIVED BY/STORED IN AUG 1 & 2010	DATE/TIME		
RELINDING BALK	EMOVED - 1 5 2010	14:45	RECEIVED BY/STORED IN AUG 15 20	10 14,45		
RELINQUISHED BY IR	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ADTOTALL	
RELINQUISHED BY/R	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
RELINQUISHED BY/R	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		1-		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

CH2N	Hill Plateau Remediation Company		CHAIN OF	CUSTO	DY/SAMPLE ANALYSIS R	EQUEST	F10-162-026	PAGE 1 OF 1
COLLECTOR ROSANE	Rust Kayer Higurea	DYEKMAN, DL	СТ	Т	ELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROUNI
SAMPLING LO C7656; I-008		PROJECT DESIGN 300-FF-5 RI/FS - S				SAF NO. F10-162	AIR QUALITY	4S Days / 45 Days
ICE CHEST N	o. ιωs-189	HNF-N- 5			CTUAL SAMPLE DEPTH	COA 300204ES10	METHOD OF SHIPMENT	B. W.ID T VEHILL R
SHIPPED TO		OFFSITE PROPER	TY NO.			BILL OF LADING/AIR BILL I	NO.	
Environmenta	I Sciences Laboratory	SEE PTR				SEE DTD 2 18.10		
MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations	PRESERVA	ATION	None				
DL=Drum Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months				
Solids L=Liquid O=Oil	Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	TYPE OF COM	NTAINER	Split Spo Liner	2			
S=Soil SE=Sediment		NO. OF CONT	AINER(S)	1				
T≖Tissue V=Vegetation W=Water		VOLU	ME	1000g				
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25DV9	SAMPLE AN	MALYSIS	KD - Batch				
SAMP	LE NO. MATRIX*	SAMPLE DATE	SAMPLE TIME					

8-10-10 0825

SOIL

DISPOSAL METHOD

B25DR7

FINAL SAMPLE

DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R ELKAUEL	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN B-10-10 13. RECEIVED BY/STORED IN DATE/TIM Pro ~ 4/13 SSU - R2 8/10-10 13	Analysis GKI applies to this SAF. BRM # 13564	d Monitoring Sampling and
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	AUG 1 5 2010 7240 REMOVED FROM AUG 1 5 2010 74, 45 REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN AUG 1.5. 2010 DATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM	ORIGINAL	
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN DATE/TIM	E	
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME
ETNAL CAMPLE	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DATA TURNAROUND

CH2	MHill Platea	u Remediation Company		CHAIN O	F CUST	ODY/SAMPLE ANALYSIS	REQUEST	F10-162-028	PAGE 1 OF 1	
ROZAME A	0 .	er Higuesa	COMPANY CONT DYEKMAN, DL	TACT		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROU	
C7663; I-001	LOCATION	a di dina	PROJECT DESIGNATION 300-FF-5 RI/FS - Soll				SAF NO. F10-162	AIR QUALITY	45 Days / 45 Days	
CE CHEST NO.		FIELD LOGBOOK NO. HNF-N- 503-2 09 0			20.6 - 22.5	COA 300204ES10	METHOD OF SHIPMENT FEDERAL EXPRESS			
SHIPPED TO Environmenta	SHIPPED TO Environmental Sciences Laboratory		OFFSITE PROPERTY NO. SEE PTR				BILL OF LADING/AIR BILL NO. SEE PTR			
MATRIX* A=Air DL=Drum	Contains Ra	. POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous		VATION	-					
Liquids DS=Drum	transportat			IG TIME	6 Mont	ns				
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Sp Liner	oon				
S≈Soil SE=Sediment T≈Tissue			NO. OF COM	TAINER(S)	1					
V=Vegetation W=Water		SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F08 VOLUME SAMPLE ANALYS		UME	1000g					
WI=Wipe X=Other				SAMPLE ANALYSIS		ch;				
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	E STATE OF					
B25F41		SOIL	11-18-10	0812	V					

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	Temoved from DEC 0 2 2010 0736 REMOVED FROM DATE/TIME TEMOVED FROM DATE/TIME TEMOVED FROM DATE/TIME	RECEIVED BY/STORED IN SSU-R/4 NOV 1 8 2010 RECEIVED BY/STORED IN M. A. White Mallin DEC 1 RECEIVED BY/STORED IN BECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME 2 2010 0730 C2010 9:05 DATE/TIME DATE/TIME	** The 300 Area S&GRP Characterization a Analysis GKI applies to this SAF. BRM# 13569	
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
RELINQUISHED BY/F	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

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUST	ODY/SAN	APLE ANALYSIS RE	QUEST
ROSSER	ust Kouer	Vienese	COMPANY CONT DYEKMAN, DL	ACT	•	TELEPHO 373-253		PROJE
SAMPLING L C7663; I-002	OCATION	and the second	PROJECT DESIG					SAF NO F10-16
ICE CHEST N	10.		FIELD LOGBOOK HNF-N-	2 P9 6			SAMPLE DEPTH	COA 30020-
SHIPPED TO Environmenta	al Sciences Labo	oratory	OFFSITE PROPE SEE PTR	RTY NO.				SEE PT
MATRIX*		SAMPLE HAZARDS/. REMARKS ioactive Material at concentrations	PRESER	VATION	None			
DL=Drum Liquids DS=Drum	that may or r transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Month	ns		
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CONTAINER NO. OF CONTAINER(S)		Split Sp Liner	oon		
S=Soil SE=Sediment T=Tissue					1			
V=Vegetation W=Water			VOLUME		1000g			
WI=Wipe X=Other		HANDLING AND/OR STORAGE ie to: B25F08	SAMPLE A	NALYSIS	KD - Bato	ch;		
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25F42 SOIL		11-18-10	0847	-	-			

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	Characteristics and Maniterias Campling and
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R M. A. White- RELINQUISHED BY/R	EMOVED FROM DEC 0 2 2010	SSU-RZU N TIME RECEIVED BY/STORED IN M. A. White Maluta TIMES RECEIVED BY/STORED IN 19:05 Igor Kus myales/ yal	DEC 0 2 2010 PATE/TIME Analysis GKI applies to the DEC 0 2 2010 PATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME	3564
RELINQUISHED BY/R	REMOVED FROM DATE	TIME RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/R	REMOVED FROM DATE	TIME RECEIVED BY/STORED IN	DATE/TIME () OR	ICIAL S
RELINQUISHED BY/F	REMOVED FROM DATE	TIME RECEIVED BY/STORED IN	DATE/TIME	GINAL
LABORATORY SECTION	RECEIVED BY	-	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

SEE PTR

300204ES10

PAGE 1 OF 1

DATA

TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUST	ODY/S	SAMPLE ANALYSIS R	EQUEST
COLLECTOR	Pust Ka	ur House	COMPANY CONTACT DYEKMAN, DL			373-	HONE NO. 2530	PROJEC
SAMPLING L C7663; I-003	OCATION	, i just	PROJECT DESIGNATION 300-FF-5 RI/FS - Soll					SAF NO F10-16
ICE CHEST N	ICE CHEST NO.		HNE-N- C. A. C.				SAMPLE DEPTH	COA 300204
SHIPPED TO Environment	al Sciences Lab	poratory	OFFSITE PROPE SEE PTR					SEE PT
MATRIX* A=Alr DL=Drum		E SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION.	None .			
Liquids DS=Drum	transportati	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months			
Solids L=Llquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spo Liner	oon		
S=Soll SE=Sediment T=Tissue			NO. OF CON	NO. OF CONTAINER(S)				
V=Vegetation W=Water			VOLUME		1000g			
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F09		SAMPLE A	NALYSIS	KD - Bato	ch;			
SAMI	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25F43		SOIL	11-18-10	0938	1			

DISPOSITION

CHAIN OF POSSESS	ION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	nitorina Camalian and
RELINQUISHED BY/RELINQUISHED	MOVED FROM	DEC 0 2 2010 Time DEC 0 2 2010 Time DATE/TIME DATE/TIME	RECEIVED BY/STORED IN SSU-RZY NOV 18 2010 RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME 16/0 DATE/TIME 2010 0730 DATE/TIME 2010 0/05 DATE/TIME	** The 300 Area S&GRP Characterization and Mc Analysis GKI applies to this SAF. BRM # 13569	nitoring Sampling and
RELINQUISHED BY/RE	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	UNIGINAL	
RELINQUISHED BY/RE	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY				TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL MET	HOD			DISPOSED BY	DATE/TIME

F10-162-030

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

SEE PTR

COA 300204ES10 PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUST	ODY/SAMPLE ANALYSIS R	EQUEST	F
COLLECTOR	Post &	our Higuera	COMPANY CONT	ACT		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	F
SAMPLING L C7663; I-004	OCATION	mar programs	PROJECT DESIG				SAF NO. F10-162	-
ICE CHEST N		400	FIELD LOGBOOK	NO.	63	ACTUAL SAMPLE DEPTH	COA 300204ES10	M
SHIPPED TO Environmenta		poratory	OFFSITE PROPE SEE PTR				BILL OF LADING/AIR BILL N SEE PTR	10.
MATRIX* A=Air DL=Drum		E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	. PRESER	VATION	None			
Liquids DS=Drum	transportat	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Mont	hs		
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Sp Liner	ooon		
S=Soil SE=Sediment T=Tissue			NO. OF COM	TAINER(S)	1			
V=Vegetation W=Water	-		VOL	UME	1000g			
WI=Wipe X=Other		HANDLING AND/OR STORAGE tie to: B25F09	SAMPLE A	NALYSIS	KD - Bat	ch;		
SAME	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME				
B25F44		SOIL	11-18-10	1001	U	/		

CHAIN OF POSSES	STOM		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F RELINQUISHED BY/F M. A. White RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F	REMOVED FROM REMOVED FROM REMOVED FROM REMOVED FROM	DATE/TIME DEC 0 2 2010 073 DATE/TIME DEC 0 2 2010 9:05 DATE/TIME DATE/TIME	RECEIVED BY/STORED IN	DEC 0 2 2010 0 30 DEC 0 2 2010 9 :05	** The 300 Area S&GRP Characterization Analysis GKI applies to this SAF. BRM # 13569 ORIGINAL	on and Monitoring Sampling and
	to them.				THE STATE OF THE S	
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY			,	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METH	HOD			DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

PAGE 1 OF 1

DATA TURNAROUND

CH2I	MHill Plateau	Remediation Company		CHAIN O	F CUSTOD	Y/SAMPLE ANALYSIS RI	EQUEST
COLLECTOR	Lust to	us Higura	COMPANY CONT DYEKMAN, DL	ACT	1	173-2530	PROJ
SAMPLING L C7663; I-005	OCATION		PROJECT DESIGNATION 300-FF-5 RI/FS - Soll				
ICE CHEST N	CE CHEST NO.			HNF-N- 503-2 PA 63 30.0-32.5			
SHIPPED TO Environmenta	al Sciences Labo	oratory	OFFSITE PROPE SEE PTR		g# 11-19-10		BILL SEE I
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION .	None		
Liquids DS=Drum Solids	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous		HOLDING TIME		6 Months		
L=Liquid O=Oil		400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner		
S=Soil SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	1		
V=Vegetation W=Water WI=Wipe			VOL	UME	1000g		
X=Other		HANDLING AND/OR STORAGE tie to: B25F10	SAMPLE A	NALYSIS	KD - Batch;		
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B25F45	B25F45 SOIL		11-18-10	0728	/		

DISPOSAL METHOD

FINAL SAMPLE DISPOSITION

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R	Seme Rosans 11-14-16	DATE/TIME	RECEIVED BY/STORED IN SSU-R1	NOV 1 9 2010 TE / 1545	** The 300 Area S&GRP Analysis GKI applies to the	Characterization and Monitoring Sampling and is SAF.
RELINQUISHED BY/R		DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		-(11
SSU-F	RI DEC 0 2	2010 1730	M. A. White 7061 ()	DEC 0 2 2010 0730	BRM# 13	564
RELINQUISHED BY/R		DATE/TIME	RECEIVED BY/STORED IN	V back DATE/TIME	Dali	
M. A. White	nature DEC 0;	2 2010 9:05	Igor Kudnyaku/Igor	DEC 0 2 2010 9:05		
RELINQUISHED BY	EMOVED FROM	DATE/TIME	RECEIVED BY STORED IN	DATE/TIME	i com a com in	Callette area de l'este de en d
RELINQUISHED BY/F	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	7	Draw
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	\mathbf{L}	RIGINAL
LABORATORY SECTION	RECEIVED BY				TITLE	DATE/TIME

F10-162-032

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162 COA

300204ES10

SEE PTR

DISPOSED BY

PAGE 1 OF 1

DATE/TIME

DATA

TURNAROUND

CH2	MHIII Plateau	Remediation Company		CHAIN O	F CUSTODY/	SAMPLE ANALYSIS R	EQUEST
COLLECTOR ROSANE	Post Kay	ur Higuera	COMPANY CONT DYEKMAN, DL	TACT		PHONE NO. -2530	PROJE
SAMPLING L C7663; I-006	OCATION		PROJECT DESIG 300-FF-5 RI/FS	Soil			SAF NO F10-16
ICE CHEST N	10.		HNF-N- 503	NO. 548 11-14	64	2.5-35.0	COA 30020
SHIPPED TO Environment	al Sciences Lab	oratory	OFFSITE PROPE SEE PTR			213 3370	SEE P
MATRIX* A=Alr DL=Drum		E SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION	None	* .	
Liquids DS=Drum	transportati	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months		
Solids L=Liquid O=Oil		dations but are not releasable per 5400.5 (1990/1993)	TYPE OF CONTAINER NO. OF CONTAINER(S) VOLUME		Split Spoon Liner 1 1000g		
S=Soil SE=Sediment T=Tissue							
V=Vegetation W=Water							
WI=Wipe K=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F10		SAMPLE ANALYSIS		KD - Batch;			
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B25F46		SOIL	11-19-10	0927	1		

DISPOSITION

CHAIN OF POSSESS	SION	1	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/RI		DATE/TIME	RECEIVED BY/STORED IN SSU-R1	NOV 1 9 2010 7	** The 300 Area S&GRP Characterization Analysis GKI applies to this SAF.	on and Monitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM	DEC 0 2 2010 0730	M. A. White Wall	DEC 0,2 2000 0730	BRM# 13564	
A White	alvhow	DEC 0 2 2010 \$105	Igor Katnyaka/lgn hil	ØEC 0 2 2010		×
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY STORED IN	DATE/TIME	and the second of	international states
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ODICINAL	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	UNIGINAL	
LABORATORY SECTION	RECEIVED BY				TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL MET	THOD			DISPOSED BY	DATE/TIME

F10-162-033

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SEE PTR

SAF NO.

F10-162

PAGE 1 OF 1

DATA

TURNAROUND

CH2I	MHill Plateau Remediation Company	CHAIN OF	CUSTO	DY/SAMPLE ANALYSIS R	EQUEST	F10-162-034	PAGE
COLLECTOR	- Rost House	COMPANY CONTACT DYEKMAN, DL		ELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	
C7663; I-007	OCATION	PROJECT DESIGNATION 300-FF-5 RI/FS - Soll			SAF NO. F10-162	AIR QUALITY	
ICE CHEST N	0.	FIELD LOGBOOK NO. HNF-N- 503-2	64	35.0 - 37.5	COA 300204ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	
SHIPPED TO Environmenta	Il Sciences Laboratory	OFFSITE PROPERTY NO. SEE PTR			BILL OF LADING/AIR BILL SEE PTR	NO.	
MATRIX* A=Air DL=Drum	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentration	PRESERVATION .	None				
Liquids DS=Drum Solids	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME	6 Months				
L=Liquid O=Oil	Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)		Split Spoor	n			
S=Soil SE=Sediment T=Tissue		NO. OF CONTAINER(S)	1				
V=Vegetation W=Water		VOLUME	1000g				
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F11	SAMPLE ANALYSIS	KD - Batch;				
SAMP	LE NO. MATRIX*	SAMPLE DATE SAMPLE TIME					
B25F47	SOIL	11-19-10 1016	V				

1 OF 1

DATA TURNAROUND

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM DEC 0 2 2010 63 EMOVED FROM DEC 0 2 2010 63 DEC 0 2 2010 9105 DEC 0 2 2010 9105 DEC 0 2 2010 9105	RECEIVED BY/STORED IN	DEC 0 2 2010 9/05 DEC 0 2 2010 9/05 DATE/TIME DATE/TIME DATE/TIME DATE/TIME	Trin aleman de les alemans
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME OKIGIN	AL
RELINQUISHED BY/R	EMOVED 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

CH2	MHill Plateau	Remediation Company		CHAIN OF	F CUST	TODY/SAMPLE ANALYSIS RE	QUEST
COLLECTOR	P. +	Urama	COMPANY CONT DYEKMAN, DL	ACT		TELEPHONE NO. 373-2530	PROJE
SAMPLING L	SAMPLING LOCATION C7663; I-008		PROJECT DESIG 300-FF-5 RI/FS -				SAF NO F10-16
ICE CHEST N	10.		HNF-N- 503	NO.	64	ACTUAL SAMPLE DEPTH	COA 30020
SHIPPED TO			OFFSITE PROPE				BILL O
Environmenta	al Sciences Lab	oratory	SEE PTR				SEE PT
MATRIX*		SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION	None		
DL=Drum Liquids DS=Drum	that may or transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Mont	ths	
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split	poon	
S=Soil SE=Sediment T=Tissue			NO. OF CON	TAINER(S)	1		
V=Vegetation W=Water			VOL	UME	1000g		
WI=Wipe X=Other	00,000,000,000	HANDLING AND/OR STORAGE tie to: B25F11	SAMPLE A	NALYSIS	KD - Bar	toch;	
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B25F48	,	SOIL	11-19-10	1152	V		

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES	=	SPECIAL INSTRUCTIONS	insting and Manitoving Compline and
RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R	EMOVED FROM DEC	DATE/TIME 2011 TIME 2013 30	RECEIVED BY/STORED IN RECEIVED BY/STORED IN M. A. White RECEIVED BY/STORED IN	DEC 0 2 2010 730	Analysis GKI applies to this SAF. BRM # 13 56 9	zation and Monitoring Sampling and
M. A. WHAT THE RELINQUISHED BY/R	EMOVED FROM	2010 9105	GOT KATH QUALINA MECEIVED BY/STORED IN	DEC 0 2 2010 9:05 DATE/TIME		Term Free Art 198
RELINQUISHED BY/R		DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGIN	IAL
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		1		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SEE PTR

SAF NO.

F10-162

PAGE 1 OF 1

DATA

TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	DY/SAMPLE ANALYSIS RI	EQUEST
COLLECTOR	Rust	Access	COMPANY CONT DYEKMAN, DL	TACT		ELEPHONE NO. 373-2530	PROJEC DYEKM
SAMPLING LOCATION C7663; I-009		PROJECT DESIG 300-FF-5 RI/FS				SAF NO F10-16	
ICE CHEST N	10.		HNF-N - 5		16 A	42.0 - 44.5	COA 300204
SHIPPED TO Environmenta	al Sciences Lab	poratory	OFFSITE PROPE SEE PTR				SEE PT
MATRIX* A=Air DL=Drum		E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	VATION .	None		
Liquids DS=Drum	transportati	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months		
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CONTAINER		Split Spoon Liner		
S=Soil SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	1		
V=Vegetation W=Water	S.		VOL	UME	1000g		
WI=Wipe X=Other		HANDLING AND/OR STORAGE tie to: B25F12	SAMPLE A	ANALYSIS	KD - Batch;		
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	1000		
B25F49		SOIL	11-19-10	1315	~		

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R	EMOVED FROM DATE/T	RECEIVED BY/STORED IN AND 13-2-19 SSU-R1	NOV 19 2010 / Analysis GKI applies to this S	
SSU-R1	EMOVED FROM DEC 0 2 2010 04	TIME RECEIVED BY/STORED IN 1300 M. A. White M. A. J. J. J.	DEC 0 2 2010 0730 BRM # 135	564
REINIQUIENER BY/R	CAULE DEC 0 2 2010	19:05 Igor Kulmaka yok	DEC 0 2 2010 9 05	
RELINQUISHED BY/R	EMOVED FROM DATE/	TIME BÉCEIVED BY STOREDIN	DATE/TIME:	Detri gree da la Detre vice da
RELINQUISHED BY/R	EMOVED FROM DATE/1	TIME RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/R	EMOVED FROM DATE/1	TIME RECEIVED BY/STORED IN	DATE/TIME ODICI	INAT
RELINQUISHED BY/R	EMOVED FROM DATE/1	TIME RECEIVED BY/STORED IN	DATE/TIME UNIT	INAL
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DATA TURNAROUND

45 Days / 45

Days

F10-162-036

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SEE PTR

SAF NO.

F10-162

CH2	Hill Plateau	Remediation Company		CHAIN	OF CUS	TODY/S	AMPLE A	NALYSIS RE	QUEST				F
COLLECTOR ROSANE	Rust No	ur Higurea	COMPANY CONT DYEKMAN, DL	ACT		TELEPI 373-2	1530).	PROJEC*		RDINATOR		P
C7656 I-010	DCATION	a congression	PROJECT DESIG 300-FF-5 RI/FS -						SAF NO. F10-162				A
	Company Compan			FIELD LOGBOOK NO. HNF-N- 503-2 PG				E DEPTH - 35,0	COA 300204ES10			MI	
SHIPPED TO Environmental Sciences Laboratory		OFFSITE PROPERTY NO. N/A						BILL OF LADING/AIR BILL NO					
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS	PRESER	NOITAV	None	None .							
Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Mon	ths		* . '	. *			. 9	
Solids L=Liquid, O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split S Liner		, .;	ў р-	* 15		L ·		
S=Soil SE=Sediment T=Tissue	*, .		NO. OF CON	ITAINER(S)	. 1								
V=Vegetation W=Water			VOL	UME	1000g	, ,							
WI=Wipe X=Other			SAMPLE ANALYSIS		KD - Ba	etch;							
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B261B8	* *	SOIL	8-10-10	1033	~								

DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R Larry Reserve RELINGUISHED BY/R Edition 2	Yany Rosene 8-10-10/ 1330	RECEIVED BY/STORED IN DATE/TIL	Analysis GKI applies to this SAF. BRM #13564	zation and Monitoring Sampling and
RELINQUISHED BY/R RELINQUISHED BY/R J.R. Aguillar RELINQUISHED BY/R	AUG 1 & 2010 2 10 14,45	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN DATE/TIL RECEIVED BY/STORED IN DATE/TIL DATE/TIL DATE/TIL	ME ME	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN DATE/TIL	ORIGI	NAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN DATE/TIL	ME	
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

F10-162-037

PRICE CODE

AIR QUALITY

8N

METHOD OF SHIPMENT 2.15. 10
SOVERNMENT VEHICLE COUT VEHICLE

PAGE 1 OF 1

DATA

TURNAROUND 45 Days / 45 Days

CH2I	MHill Plateau	Remediation Company		CHAIN OF	CUST	ODY/SAM	PLE ANALYSIS	REQUEST		F10-162-040		PAGE 1 OF 1
ROSANE	Rost Kas	ur Hipuna	DYEKMAN, DL	TACT	1	373-2530		PROJEC DYEKM/	AN, DL	PRICE CODE	8N	DATA TURNAROUND
SAMPLING LOCATION C7656 I-013		PROJECT DESIGNATION OF THE PROJECT DESIGNATION O					SAF NO F10-162		AIR QUALITY	45 Days / 45 Days		
ICE CHEST N	_	5-117	HNF-N- 5	K NO.			AMPLE DEPTH	COA 300204	ES10	METHOD OF SH GOVERNMENT V		
SHIPPED TO Environmenta	al Sciences Labo	oratory	OFFSITE PROPE	ERTY NO.				BILL OF	LADING/AIR BILL	NO.		
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS . lioactive Material at concentrations	PRESER	VATION	None					· · · · · · · · · · · · · · · · · · ·		
Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	NG TIME	6 Month	s ···	• • •		4		* + + +	
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF C		Split Spo Liner	oon 3						
S=Soil SE=Sediment T=Tissue			NO. OF COM	NTAINER(S)	1							
V=Vegetation W=Water	-	• • • • • • • • • • • • • • • • • • • •	VOL	.UME	1000g							
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Bato	h;						
SAMP	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME								
B261C1		SOIL	8-10-10	1426	V							

CHAIN OF POSSESS	SION	SIGN/ PRINT NAMES	SPECIAL INS	
RELINQUISHED BY/RI RELINQUISHED BY/RI AGUINAL RELINQUISHED BY/RI RELINQUISHED BY/RI	EMOVED FROM DATE/TIME AUG 1 6 2018 ATE/TIME AUG 1 6 2010 14/45	RECEIVED BY/STORED IN RECEIVED BY/STORED IN J.P. Aquiller RECEIVED, BY/STORED IN Ben Williams Partial AUG 1 6 2010 RECEIVED BY/STORED IN	Analysis Gl	0 Area S&GRP Characterization and Monitoring Sampling and CI applies to this SAF. BRM # 13564
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
LABORATORY SECTION	RECEIVED BY	J.	TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DISPOSITION

CH2	MHill Plateau	Remediation Company		CHAIN OF	CUST	ODY	SAMPLE ANALYSIS REC	UEST
ROSANE	Lust	Kauer Higurea	COMPANY CONT DYEKMAN, DL	ACT			PHONE NO. -2530	PROJE
C7656 I-015	OCATION	, , , ,	PROJECT DESIG 300-FF-5 RI/FS -					SAF NO F10-16
ICE CHEST N	0.	5-117	FIELD LOGBOOK HNF-N-				IAL SAMPLE DEPTH	COA 30020
SHIPPED TO Environmenta		oratory	OFFSITE PROPE					BILL O
MATRIX* A=Air DL=Drum	· Contains Ra	SAMPLE HAZARDS/ REMARKS dioactive Material at-concentrations	PRESER	*.	None			5 .
Liquids DS=Drum	transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Mont	hs		•
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Sp Liner			
S=Soil SE=Sediment T=Tissue			NO. OF CON	TAINER(S)	1.			
V=Vegetation W=Water			VOL	UME	1000g		,	
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE A	NALYSIS	KD - Bat	nch;		
SAMP	LE NO.	. MATRIX*	SAMPLE DATE	SAMPLE TIME	8 6	1		
B261C3		SOIL '	8-11-10	0754	. ~	1		

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SP	ECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM DATE/TIME AUG 1 6 2010 1415 EMOVED FROM DATE/TIME AUG 1 6 2010 14145 EMOVED FROM DATE/TIME DATE/TIME DATE/TIME	Beneficians Derfull Al	A S-11-10/1550 A DATE/TIME 16 2010 140 DATE/TIME 1G 1 6 2010 14/45	* The 300 Area S&GRP Characterization nalysis GKI applies to this SAF. **BRM # 13564** **ORIGINAL PROPERTY OR SAF.**	NAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		TIT	TLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DIS	SPOSED BY	DATE/TIME

DATA

TURNAROUND

45 Days / 45 Days

F10-162-042

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO. F10-162

CH2	MHill Plateau	Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS R						QUEST
ROSANE	Rust Ka	uer Higuna	DYEKMAN, DL	TACT	1	373-2	HONE NO. 530		PROJE
C7656 I-017			PROJECT DESIG 300-FF-5 RI/FS						SAF N 0 F10-16
ICE CHEST N		W2-117	FIELD LOGBOOK NO. ACTUAL SAMPLE DEPTH HNF-N- 503-2 04.32 51.0-53.5					1	COA 30020
SHIPPED TO Environmenta	al Sciences Lab	oratory	OFFSITE PROPE					BILL C	
MATRIX* A=Air DL=Drum	Alr. Contains Padianetive Material at concentrations			PRESERVATION None				, ,	
Liquids DS=Drum Solids	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous		HOLDIN	IG TIME	·6 Months		**		. *
L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner		+		. •
S=Soll SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	.1			-	
V=Vegetation W=Water WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE			VOL	UME	ME 1000g				
		SAMPLE A	ANALYSIS	KD - Batcl	h;				
SAME	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME	Miles	1			
B261C5		SOIL	8:11-10	1037	V	-		7 .	

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECI	AL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM AUG 1 6 2010 1410 (EMOVED FROM DATE/TIME AUG 1 6 2010 14145	RECEIVED BY STORED IN AUG 16 RECEIVED BY STORED IN	2010 (41) DATE/TIME Analy Analy DATE/TIME DATE/TIME	ysis GKI applies to this SAF. BRM# 1356	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	97	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	₩ ORI(GINAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPO	SED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT **GOVERNMENT VEHICLE**

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

PAGE 1 OF 1

DATA TURNAROUND

CH2P	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	DDY/SAMPLE ANALYSIS RE	QUEST
COLLECTOR	Rust Va	un Higurea	COMPANY CONT DYEKMAN, DL	TACT	ELEPHONE NO. 373-2530	PROJE	
C7656 I-018	OCATION		PROJECT DESIG 300-FF-5 RI/FS				SAF N 0 F10-10
ICE CHEST N		5-117	FIELD LOGBOOK NO. HNF-N- 503-2 A 32 53.5-56.0				
SHIPPED TO Environmenta	l Sciences Labo	oratory	OFFSITE PROPERTY NO. N/A				BILL O
MATRIX* A=Air DL=Drum Liquids DS=Drum	Contains Rad that may or t transportatio	SAMPLE HAZARDS/ REMARKS. lioactive Material at concentrations hay not be regulated for n per 49 CFR / IATA Dangerous	PRESER	,	None 6 Months	3	
Solids' L=Liquid'. O≃Oll		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spor		2
S=Soll SE=Sediment T=Tissue			NO. OF CON	ITAINER(S)	1		
V=Vegetation W=Water'			VOL	UME , .	1000g		
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;		
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B261C6		SOIL	8-11-10	1057	/		

DISPOSAL METHOD

FINAL SAMPLE DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		AL INSTRUCTIONS	
RELINQUISHED BY/R Learny Rosaus J RELINQUISHED BY/R SSU 72	EMOVED FROM BATE/TIME AIIG 1 6 2010 1710	RECEIVED BY/STORED IN MO-744-55U-R3 RECEIVED BY/STORED IN JR. Aguiller AUG-16	8-11-10/1550 Analy	The 300 Area S&GRP Characteri ysis GKI applies to this SAF. BRM# 1356	zation and Monitoring Sampling and
RELINQUISHED BY/R	AUG 1 6 2010 14:45	BenWithians per Mall AUG 16 RECEIVED BY STORED IN	2010 14, 45 DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME) OR	ICINAT
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	www.	IOINAL
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME

F10-162-045

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

DISPOSED BY

PAGE 1 OF 1

DATE/TIME

DATA

TURNAROUND

CH2M	Hill Plateau	Remediation Company		CHAIN O	F CUS	TODY/S	AMPLE ANALYSIS REC	QUEST	F
COLLECTOR ROSAUE RUST Romo, HIGUERA SAMPLING LOCATION C7653; I-002 ICE CHEST NO. SHIPPED TO Environmental Sciences Laboratory			COMPANY CONT DYEKMAN, DL	ACT		TELEPH 373-25	IONE NO.	PROJECT COORDINATOR DYEKMAN, DL	P
			PROJECT DESIG 300-FF-5 RI/FS -					SAF NO. F10-162	A
							SAMPLE DEPTH	COA 300204ES10	Mi
							BILL OF LADING/AIR BIL N/A	L NO.	
MATRIX* A=Air Contains Radioactive Material at concentrations			PRESER	VATION	None	None			
DL=Drum Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Months				
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split S Liner	Spoon 2			
S=Soil SE=Sediment			NO. OF CONTAINER(S)		5)				
T=Tissue V=Vegetation W=Water	=Vegetation		VOLUME		1000g				
X=Other SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B25DT1		SAMPLE ANALYSIS		KD - Batch;					
		. , .						,	
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	- 1				
B278D8 SOIL		SOIL	9-21-10	1250	L	/		K.	

CHAIN OF POSSESS	SION		SIGN/ PRINT NAMES	SPECIAL IN	ISTRUCTIONS RPM#	1356.4
RELINQUISHED BY/RI	0 0 0	DATE/TIME	RECEIVED BY STORED IN SPP 2 1 201	DATE/TIME	DAM	
RELINQUISHED BY/R		1350	Ben Williams Bei Williams	9/21/10. 1350	· Do servedy	iv.
RELINQUISHED BY/RI	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	to the first with	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ODICINA	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	UKIGINA	L
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		1	TITLE		DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED B	Υ	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PAGE 1 OF 1

DATA TURNAROUND

CH2I	MHill Plateau	Remediation Company		CHAIN	OF CUST	ODY/SAMPLE AN	ALYSIS REC	UEST		F10-1	62-069	
ROSANE	Rust Ros	NO HIOVERA	DYEKMAN, DL	TACT		TELEPHONE NO. 373-2530	- M	PROJECT DYEKMAN	COORDINATOR , DL	PRICE	CODE	8N
C7653; I-003			PROJECT DESIGNATION 300-FF-5 RI/FS - Soil				SAF NO. F10-162		AIR QUALITY			
SHIPPED TO Environmental Sciences Laboratory		FIELD LOGBOOK NO. HNF-N-503-2 PS 57		ACTUAL SAMPLE DEPTH		COA 300204ES10		METHOD OF SHIPME FEDERAL EXPRESS				
		OFFSITE PROPERTY NO.			BILL OF LADING/AIR BILL NO. N/A			W - Au				
MATRIX* A=Air DL=Drum		E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	EVATION	None	3			, .			
Liquids DS=Drum		nat may or may not be regulated for ansportation per 49 CFR / IATA Dangerous	HOLDIN	NG TIME	6 Mont	hs .						
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split	ooon			•			
S=Soil SE=Sediment T=Tissue			NO. OF COM	NTAINER(S)	1							
V=Vegetation W=Water			VOL	.UME	1000g							
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B25DT2		SAMPLE ANALYSIS		KD - Bat	ch;			. 9			
	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME	- 1-	-						
B27902		SOIL	9-21-10	1318	-					4		

CHAIN OF POSSESS	STON		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/RI	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		,
RELINQUISHED BY/RI	Jany Kosone 9-21-11	DATE/TIME	M. A. White Market SEP 2 RECEIVED BY/STORED IN	1 2010 /530 DATE/TIME		
M. A. White TV	ables SEP 21	2010 1600	SSU-R1 SEP 2	1 2010 /600	and the second of the second	and the second
SSU-R1	SEP 2 9 2010	DATE/TIME	BECEIVED BY/STORED IN SEP 2 9 2010	DATE/TIME		
RELINQUISHED BY/RI	SEP 2 9 2010	DATE/TIME	D. STATE SEP 2 9 2010	DATE/TIME		
RELINQUISHED BY/RE	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL.	
RELINQUISHED BY/RE	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/RE	EMOVED 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

DATA TURNAROUND

CH2M	Hill Plateau	Remediation Company		CHAIN O	F CUS	STODY/SAMPLE ANALYSIS	REQUEST	F
COLLECTOR ROSE	est love	HIGUERA	COMPANY CONTACT DYEKMAN, DL			TELEPHONE NO. 373-2530	PROJECT COORDINATO DYEKMAN, DL	R
SAMPLING LOCATION C7653; I-004 ICE CHEST NO. SHIPPED TO Environmental Sciences Laboratory			PROJECT DESIG 300-FF-5 RI/FS -				SAF NO. F10-162	A
			DME			ACTUAL SAMPLE DEPTH	10.000	M
			OFFSITE PROPERTY NO.		BILL OF LADING/AIR BI	LL NO.		
MATRIX* POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations		PRESERVATION None				,		
DL=Drum Liquids DS=Drum	transportation	nay not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Mor	nths'		
Solids L=Liquid O≃Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	'Split S Liner	Spoon		
S=Soil SE=Sediment			NO. OF CON	NO. OF CONTAINER(S)				
T=Tissue V=Vegetation W=Water WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B25DT2 SAMPLE NO. MATRIX*		VOLUME		1000g				
		SAMPLE A	ANALYSIS	KD - B	atch;			
		SAMPLE DATE	SAMPLE TIME					
	E NO.							,
B27933 SOIL		SUIL	9-21-10	1357	-			

CHAIN OF POSSESS	SION	SIGN/ PRINT NAMES	1	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R AR. Aguilar RELINQUISHED BY/R	SEP 2 9 ZONE TIME	RECEIVED BY/STORED IN M. A. White Maulita SEP RECEIVED BY/STORED IN SSU-R1 RECEIVED BY/STORED IN SEP 2 9 RECEIVED BY/STORED IN SEP 2 9 RECEIVED BY/STORED IN	DATE/TIME 2 1 2010 15 30 DATE/TIME 2 1 2010 1600 DATE/TIME 2 2010 1350 DATE/TIME 010 1405 DATE/TIME	ORIGIN	
RELINQUISHED BY/R	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	1		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

DATA TURNAROUND

45 Days / 45 Days

F10-162-070

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

CH2	MHill Plateau	Remediation Company		CHAIN OF	CUSTOD	Y/SAMPLE ANALYSIS RE	QUEST
COLLECTOR ROSANE	list Kay	us Higurea	COMPANY CONT DYEKMAN, DL	ACT		EPHONE NO. 73-2530	PROJE
SAMPLING L C7654 (399-1	OCATION	and the same of th	PROJECT DESIG 300-FF-5 RI/FS -	eters - Soil	SAF N 0 F10-10		
ICE CHEST N	10.		FIELD LOGBOOK NO. ACTUAL SAMPLE DEPTH #NF-N-503-2 pg 4/ 55.0-57.3				
SHIPPED TO Environmenta	al Sciences Labo	ratory	OFFSITE PROPERTY NO. N/A				N/A
MATRIX* A=Air DL=Drum	A=Air Contains Padioactive Material at concentrations		PRESER	VATION	None		
Liquids DS=Drum	transportation	nay not be regulated for n per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months		
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner		1
S=Soil SE=Sediment T=Tissue			NO. OF CON	ITAINER(S)	1		
V=Vegetation W=Water	V=Vegetation W=Water		VOLUME 1000g				
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE		SAMPLE ANALYSIS		KD - Batch;			
	, :				7		
SAMP	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	E 2-11		
B27F36 SOIL		2-24-10	0843	1			

CHAIN OF POSSESS	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS ** The 300 Area S&GPP Char	racterization and Monitoring Sampling and
RELINQUISHED BY/RELINQUISHED B	EMOVED FROM AUG 3 0 EMOVED FROM AUG 3 1 EMOVED FROM EMOVED FROM	DATE/TIME 24-10/6:35 DATE/TIME 2010 1330 DATE/TIME DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME 8 24 /0 /6:30 DATE/TIME 3 0 2010 DATE/TIME 8/30/10 /400 DATE/TIME DATE/TIME	Analysis GKI applies to this SA RM# 1350	
RELINQUISHED BY/R	EMOVED 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

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

COA 300204ES10 PAGE 1 OF 1

DATA

TURNAROUND

COLLECTOR RESAME List Kours Hierare		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				
		COMPANY CONTACT DYEKMAN, DL		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	P
SAMPLING L C7654 (399-1	OCATION	PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Mode	ling P	arameters - Soil	SAF NO. F10-162	A
ICE CHEST NO.		FIELD LOGBOOK NO. HNF-N-503-2 pg	41	67.2 - 69.7	COA 300204ES10	
SHIPPED TO Environmental Sciences Laboratory		OFFSITE PROPERTY NO. N/A			BILL OF LADING/AIR BILL NO. N/A	
MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid 0=Oil S=Soil SE=Sediment T=TIssue V=Vegetation W=Water WT=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	None			
		HOLDING TIME	6 Mon	nths		
			Split S Liner	Spoon		
		NO. OF CONTAINER(S)	1	4		
		VOLUME	1000g			
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	KD - Ba	atch;		
		. ,				+3

SAMPLE DATE SAMPLE TIME

8-24-10

SAMPLE NO.

B27F37 `

MATRIX*

SOIL

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	SPECIAL INS	TRUCTIONS
RELINQUISHED BY/F	EMOVED FROM DATE EMOVED FROM AUG 3 0 2010 EMOVED FROM DATE EMOVED FROM DATE EMOVED FROM DATE EMOVED FROM DATE	TIME RECEIVED BY/STORED IN N. A. White RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	Analysis G	O Area S&GRP Characterization and Monitoring Sampling and KI applies to this SAF. BRM#13564 ORIGINAL
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

F10-162-080

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT GOVERNMENT VEHICLE

8N

PAGE 1 OF 1

DATA

TURNAROUND 45 Days / 45 Days

CH2	MHill Plateau Remediation Company	CHAIN	OF CUSTO	DY/SAMPLE ANALYSIS R	EQUEST	F10-162-081
ROSANE K	Ost Bellingley	COMPANY CONTACT DYEKMAN, DL	T	ELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N
C7654 (399-1	OCATION	PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Mod	deling Para	ameters - Soil	SAF NO. F10-162	AIR QUALITY
ICE CHEST N	0.	FIELD LOGBOOK NO. HNF-N-503-2 pg		CTUAL SAMPLE DEPTH	COA 300204ES10	METHOD OF SHIPMEN GOVERNMENT VEHICLE
SHIPPED TO Environmenta	l Sciences Laboratory	OFFSITE PROPERTY NO.			BILL OF LADING/AIR BILL I	NO.
MATRIX* A=Air DL=Drum	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations	PRESERVATION	None 6 Months			
Liquids DS=Drum Solids	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per	HOLDING TIME	Split Spo			
L=Liquid O=Oii S=Soil SE≈Sediment	DOE Order 5400.5 (1990/1993)	NO. OF CONTAINER	Liner 1	2		
T=Tissue V=Vegetation , W=Water	-	VOLUME	1000g			
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	KD - Batch	1;		•

SAMPLE DATE SAMPLE TIME

MATRIX*

SOIL

SAMPLE NO.

B27F38

DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R M. A. White RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM B-26-10 1320 EMOVED FROM B-26-10 152 EMOVED FROM B-26-10 152 EMOVED FROM AUG 3 0 2010 123 EMOVED FROM DATE/TIME AUG 3 0 2010 1200 EMOVED FROM DATE/TIME EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN AUG 3 0	DATE/TIME BLESS (320 DATE/TIME L-10 \S JS DATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME	** The 300 Area S&GRP Characterizate Analysis GKI applies to this SAF. ** The 300 Area S&GRP Characterizate Analysis GKI applies to this SAF. ** The 300 Area S&GRP Characterizate Analysis GKI applies to this SAF. ** ORIGINAL THE SAME AND THE SAME AN	SINAL
LABORATORY SECTION	RECEIVED BY	,		TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

PAGE 1 OF 1

DATA TURNAROUND

CH2N	Hill Plateau	Remediation Company		CHAIN O	F CUSTOD	Y/SAMPLE ANALYSIS REC	QUEST
COLLECTOR RESEARCE RE	est Kaue	L Higurer	DYEKMAN, DL	TACT	1	EPHONE NO. 73-2530	PROJE
C7657 (399-1-	CATION		PROJECT DESIGNATION OF THE STATE OF T	NATION Geochemical Mode	eling Parame	eters - Soil	SAF N 6 F10-10
ICE CHEST NO	0.		HNF-N-503			48.5-51.0	COA 30020
SHIPPED TO Environmental	Sciences Labo	pratory	OFFSITE PROPE	RTY NO.			BILL C
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS lioactive Material at concentrations	PRESER	VATION	None	P.	4.6
Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Month's		or 1 c
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner	2	•
S=Soll SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	1		
V=Vegetation W=Water			VOL	UME	1000g		
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	NALYSIS	KD - Batch;		
SAMPI	E NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B27JR5	-	SOIL	8-31-10	0809	1	,	

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		CIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	SEP 0 1 2010 1300 EMOVED FROM SEP 0 1 2010 1300 EMOVED FROM DATE/TIME OCLUS SEP 0 1 2010 /500 EMOVED FROM DATE/TIME EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN	1 2010 1545 P 0 1 2010 1300 DATE/TIME EP 0 1 2010 /500 DATE/TIME DATE/TIME	The 300 Area S&GRP Characterizations of the SAF. BRM # 13564 ORIGINAL	ation and Monitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		ТІТЬ	E	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISP	POSED BY	DATE/TIME
		6 2 1 - 21	- A		

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

COA 300204ES10 PAGE 1 OF 1

DATA TURNAROUND

CH2N	Hill Plateau	Remediation Company		CHAIN O	F CUSTOD	Y/SAMPLE ANALYSIS F	REQUEST	F10-162-084	
COLLECTOR Romo, Rus	ST. Hique	ra, Billingsley	COMPANY CONT DYEKMAN, DL	TACT		EPHONE NO. 73-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE	8N
C7655 (399-1	DCATION		PROJECT DESIGNATION OF THE STATE OF T	NATION Geochemical Mod	eling Param	eters - Soll	SAF NO. F10-162	AIR QUALITY	Υ 🗆
ICE CHEST N	0.		HUF-W-503-	-		10AL SAMPLE DEPTH	COA 300204ES10	METHOD OF S	
SHIPPED TO Environmenta	Sciences Labo	oratory	OFFSITE PROPE				BILL OF LADING/AIR BI	LL NO.	
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS lioactive Material at concentrations	PRESER	VATION	None				
Liquids . DS≖Drum	transportatio	hay not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	IG TIME	6 Months				
Solids L=Liquid O=Oil	DOE Order 5	ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner	3			
S=Soil SE=Sediment T=TIssue			NO. OF COM	NTAINER(S)	1				
V=Vegetation W=Water			VOL	UME	1000g		5		
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;	•			٠
-					. 7				7
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	TO STATE OF				
B27K57		SOIL	9-14-10	0739	1				

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIA	AL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	REMOVED FROM PARENO 9-14-16 0845 REMOVED FROM DATE/TIME DATE/TIME P-15-10 0930 REMOVED FROM DATE/TIME DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME ** T DATE/TIME O 9 1.5 DATE/TIME O 9 1.5 DATE/TIME DATE/TIME		terization and Monitoring Sampling and
RELINQUISHED BY/F	19-15-10 10:40 REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	9-15-10 10:40 DATE/TIME		
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORICI	NAT
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	OHIUI	LNAL)
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOS	ED BY	DATE/TIME

DATA TURNAROUND

CH2M	Hill Plateau	Remediation Company		CHAIN O	F CUSTODY	SAMPLE ANALYSIS RE	QUEST	F10-162-086	
COLLECTOR Ru	ST KAUS	- Higueta	COMPANY CONT DYEKMAN, DL	TACT		PHONE NO. 3-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8	N
SAMPLING LO C7655 (399-1-	CATION	, myana	PROJECT DESIG	NATION Geochemical Mod	eling Parame	ters - Soil	SAF NO. F10-162	AIR QUALITY	
ICE CHEST N			HNF-N- 5	(NO.	_	JAL SAMPLE DEPTH	COA 300204ES10	METHOD OF SHIPME GOVERNMENT VEHIC	
SHIPPED TO Environmental	Sciences Lab	oratory	OFFSITE PROPE	RTY NO.			BILL OF LADING/AIR BILL N/A	. NO.	
MATRIX* A=Air		SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION	None				, ,
DL=Drum Liquids DS=Drum	that may or transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	IG TIME	6 Months				
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner			1 .	
S=Soil SE=Sediment			NO. OF CON	ITAINER(S)	1				
T=Tissue V=Vegetation W=Water			VOL	UME	1000g				
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;				. •
2								T .	
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME					
B27ML3		SOIL	9-15-10	1152	/				

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRU		•
RELINQUISHED BY/R	PoberteRomo 9-15-10 1300	RECEIVED BY/STORED IN MAWLITY MAWS	Analysis GKI	Area S&GRP Characterization and M applies to this SAF.	onitoring Sampling and
MAUNT THE RELINQUISHED BY RELINQUISHED BY RE	emoved from DATE/TIME	RECEIVED BY STORED IN BEAN I WAS ELEMAN RECEIVED BY STORED IN	9-15-10 14-20 DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	'DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	1 Aprovi	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	URIGINAL	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD		DISPOSED BY		DATE/TIME

DISPOSITION

PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	ODY/SAMPLE ANALYSIS REC	QUEST	F10-162-089	PAG	E 1 OF	1
COLLECTOR ROSANE K	0/	n Higuna	DYEKMAN, DL	TACT	1	TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N		DATA	_
C7660 (399-	LOCATION		PROJECT DESIGNATION OF THE PROJECT DESIGNATION O	NATION Geochemical Mod	leling Par	ameters - Soil	SAF NO. F10-162	AIR QUALITY		45 Days Days	
ICE CHEST	NO.		FIELD LOGBOOM			35.5 - 38.0	COA 300204ES10	METHOD OF SHIPMEN GOVERNMENT VEHICLE			,
SHIPPED TO Environment	tal Sciences Lab	poratory	N/A	RTY NO.			BILL OF LADING/AIR BILL P	NO.			
MATRIX* A=Air DL=Drum	Contains Ra	E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	VATION	None 6 Month			the state of		m* =	
Liquids DS=Drum Solids	transportati Goods Regu	may not be regulated for on per 49 CFR / IATA Dangerous ulations but are not releasable per		IG TIME	Split Spo						
L=Liquid O=Oll S=Soll SE=Sediment	DOE Order	5400.5 (1990/1993)		ONTAINER NTAINER(S)	Liner 1	2					
T=Tissue V=Vegetation W=Water				UME	1000g						
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE /	ANALYSIS	KD - Bato	h; .				٠	
								· · · · · · · · · · · · · · · · · · ·	11.		•
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B27PL8	-	SOIL :	11-3-10	1208	-	-	* : :			_	. :

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES			SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	MOV D 4 2010 EMOVED FROM NOV D 4 2010 EMOVED FROM NOV D 4 2010 EMOVED FROM	DATE/TIME JOSO DATE/TIME JOSO DATE/TIME DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	NOV 0 3 2010 163 NOV 0 4 2010 163 OV 0 4 2010 DATE/TIME 14130 DATE/TIME	** The 300 Area S&GRP Characterization Analysis GKI applies to this SAF. BRM# 13564 ORIGINAL	on and Monitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		I.		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

СН2М	Hill Plateau	Remediation Company		CHAIN O	F CUSTO	DY/SAMPL	LE ANALYSIS R	EQUEST
COLLECTOR ROSSIE RU	st Kaun	Higuera	COMPANY CONT DYEKMAN, DL	ACT		373-2530	NO.	PROJE DYEKN
SAMPLING LO C7660 (399-2-	CATION		PROJECT DESIG 300-FF-5 RI/FS	NATION Geochemical Mode	eling Para	meters - Soi	II	SAF NO F10-16
ICE CHEST NO).	11.	HNF-N-		7 A	-	MPLE DEPTH	COA 30020
SHIPPED TO Environmental	Sciences Labo	oratory	OFFSITE PROPE					BILL O
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS loactive Material at concentrations	PRESER	VATION	None			
Liquids DS=Drum Solids	transportatio	nay not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	'6 Months		4	
L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER -	Split Spoo	on	* + 1	. "
S=Soll SE=Sediment T=Tissue			NO. OF CON	ITAINER(S)	1			
V=Vegetation W=Water WI=Wipe		>	VOL	UME	1000g			-
X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;			
SAMPL	E NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B27PM3		SOIL	11-4-10	0802	/	:		

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN NOV 0 4 2010 ATE/TIM RECEIVED BY/STORED IN NOV 0 4 2010 ATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM	ORIGINAL ORIGINAL	
LABORATORY SECTION	RECEIVED BY	RECEIVED BY/STORED IN DATE/TIM	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DATA TURNAROUND

45 Days / 45 Days

F10-162-091

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

CH2	MHill Platea	u Remediation Company		CHAIN O	F CUST	ODY/SAMPLE ANALYSIS RE	QUEST
COLLECTOR	Rust &	lauer Higuera	COMPANY CONT RADLOFF, AW	ACT	1	376-4554	PROJEC
C7663 (399-	OCATION		PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Modeling Parameters - Soil				SAF NO F10-16
ICE CHEST N	10.		ANE-N-	47.0 - 49.5	COA 300204		
SHIPPED TO Environment	al Sciences Lai	poratory	OFFSITE PROPE SEE PTR	RTY NO.			SEE PT
MATRIX* =Air bl=Drum POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations		PRESER	VATION	None			
Liquids DS=Drum Solids	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous		HOLDIN	G TIME	6 Month	ns	
L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spo Liner	oon	
S=Soll SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	1		
V=Vegetation W=Water			VOL	UME	1000g		
WI=Wipe X=Other			SAMPLE A	ANALYSIS	KD - Batc	ch;	
SAMP	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME			
B27PM7		SOIL	12-1-10	0955	V		

CHAIN OF POSSES	SSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F	REMOVED FROM REMOVED FROM REMOVED FROM REMOVED FROM REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN SSU-R1 RECEIVED BY/STORED IN M. A. White Control of the		** The 300 Area S&GRP Characte Analysis GKI applies to this SAF. BRM# 13 569 ORIGIN	rization and Monitoring Sampling and
LABORATORY SECTION	RECEIVED BY		-	1	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

RADLOFF, AW

SAF NO. F10-162

SEE PTR

COA 300204ES10 PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau R	emediation Company		CHAIN O	F CUS	TODY/	SAMPLE ANALYSIS RE	QUEST	F	
COLLECTOR	Lest Kou	er Higuser	DYEKMAN, DL	АСТ			PHONE NO. 2530	PROJECT COORDINATOR DYEKMAN, DL	P	
SAMPLING L C7653 (399-1	OCATION		PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Modelin			aramete	ers - Soil	SAF NO. F10-162		
ICE CHEST N	ICE CHEST NO.			FIELD LOGBOOK NO. ACTUAL SAMPLE DEPTH HNF-N-503-2 Pg 59 33.0-34.0				COA 300204ES10	M	
SHIPPED TO Environmental Sciences Laboratory			OFFSITE PROPERTY NO.				BILL OF LADING/AIR BILL NO			
MATRIX* A=Air DL=Drum	=Air	AMPLE HAZARDS/ REMARKS active Material at concentrations	PRESERV	ATION	None			S. 1 24 2 2 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2		
Liquids . DS=Drum	transportation	nat may or may not be regulated for it ransportation per 49 CFR / IATA Dangerous	HOLDING	TIME	6 Mon	nths				
Solids L=Liquid O=Oil		ions but are not releasable per 00.5 (1990/1993)	TYPE OF CO	NTAINER	Split S Liner	Spoon V	٠.			
S=Soil SE=Sediment		NO.		TAINER(S)	1					
V=Vegetation W=Water	V=Water VI=Wipe		VOLUME		10000					
WI=Wipe X=Other			SAMPLE AF	NALYSIS	KD - B	atch;				
SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME							

- 11-10-10

B282X3

SOIL

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	AM to Continue
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM DATE/TIME NOV 1 1 2010 OF DATE/TIME NOV 1 1 2010 OF DATE/TIME NOV 1 1 2010 133	RECEIVED BY/STORED IN SSU-R1 RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME 0 2010 /G CO DATE/TIME NOV 1 1 2010 FOR NOV 1 1 2010 FOR DATE/TIME DATE/TIME	** The 300 Area S&GRP Characterization a Analysis GKI applies to this SAF. BRM \$ 13569 ORIGINAL	and Monitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	UNION	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	1		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

F10-162-101

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN C	F CUS	TODY/SAMPLE ANA	ALYSIS RE	QUEST		F10-16	52-102		PAGE	1	OF 1	
COLLECTOR ROSANCE &	2 1 2	er Hoguera	DYEKMAN, DL	TACT		TELEPHONE NO. 373-2530			PROJECT COORDINATOR DYEKMAN, DL		PRICE CODE 8N		DATA TURNAROUND)	
SAMPLING L C7653 (399-1	OCATION	u. II yaw	PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Modeling Parameters - Soil		***	SAF NO. F10-162		AIR QUALITY		4S Days / 45 Days						
ICE CHEST N	CE CHEST NO.		FIELD LOGBOOK NO. HNF-N-503-2 Pg 59 36.0 38.		,	COA 300204ES10		METHOD OF SHIPMENT GOVERNMENT VEHICLE								
SHIPPED TO Environmenta		poratory	OFFSITE PROPE					BILL OF LADI	NG/AIR BILL N	10.						
MATRIX*	Air Contains Padioactive Material at concentrations		PRESER	VATION	None		. =0									
Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	on per 49 CFR / IATA Dangerous	HOLDIN	IG TIME	6 Mon											
Solids L=Llquid O=Oil		Goods Regulations but are not releasable per ODE Order 5400.5 (1990/1993) TYPE OF CONTAINER	Split S Liner	poon	-								-3			
S=Soll SE=Sediment T=Tissue	-		NO. OF COM	NTAINER(S)	1											
V=Vegetation W=Water WI=Wipe			VOL	UME	1000g							١.	٠			•
X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE /	ANALYSIS	KD - Ba	och;										
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME												
B282X4		SOIL	11-10-10	1200	L											

	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
NOV 1 2010 33	RECEIVED BY/STORED IN RECEIVED BY/STORED IN	V 1.0 2010 (600 DATE/TIME NOV 1 1 2010 DATE/TIME	Analysis GKI applies to this SAF.	
ROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
ROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	C VINITIME	
ROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
ED BY	1	1	TTLE	DATE/TIME
AL METHOD			DISPOSED BY	DATE/TIME
FFFF	FROM DATE/TIME NOV 1 1 2010 OF FROM NOV 1 2010 S32 FROM DATE/TIME FROM DATE/TIME FROM DATE/TIME FROM DATE/TIME	FROM DATE/TIME RECEIVED BY/STORED IN PROM DATE/TIME RECEIVED BY/STORED IN PROM DATE/TIME RECEIVED BY/STORED IN FROM DATE/TIME RECEIVED BY/STORED IN	SSU-R1 NOV 1.0 2010 16 CO FROM DATE/TIME RECEIVED BY/STORED IN NOV 1.0 2010 16 CO FROM NOV 1 2010 70 CM Aquilar CM CI NOV 1 2010 07 CM FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME	FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME NOV 1 1 2010 500 DATE/TIME NOV 1 1 2010 500 DATE/TIME NOV 1 2010 530 DATE/TIME RECEIVED BY/STORED IN DATE/TIME RECEIVED BY/STORED IN DATE/TIME RECEIVED BY/STORED IN DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME TITLE

CH2	MHill Plateau	Remediation Company		CHAIN C	F CUST	DDY/SAMPLE ANALYSIS RE	QUEST		F10-162-10	3	PAGE 1 OF 1
COLLECTOR	Rose V	ur Higune	COMPANY CONT DYEKMAN, DL	TACT		TELEPHONE NO. 373-2530	DYEKMAN, DL	INATOR	PRICE COD	E 8N	DATA TURNAROUN
SAMPLING L C7653 (399-1	OCATION	ur rryunz	PROJECT DESIG	NATION Geochemical Mod	deling Par	ameters - Soil	SAF NO. F10-162		AIR QUALITY		45 Days / 45 Days
ICE CHEST N	CE CHEST NO.		FIELD LOGBOOK NO. HNF-N-503-2 Pq 59 38.5-41.0				COA 300204ES10		METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO Environmenta		poratory	OFFSITE PROPE				BILL OF LADING/ N/A	AIR BILL NO).		
MATRIX* POSSIBLE SAMPLE HAZARDS/ REMARKS A=Air, Contains Radioactive Material at concentrations		PRESER	VATION	None							
Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Danger	on per 49 CFR / IATA Dangerous	HOLDIN	IG TIME	6 Month		• • •		*		
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	· TYPE OF CO	ONTAINER	Split Spi Liner	oon					
S=Soil SE=Sediment T=Tissue			NO. OF COM	NTAINER(S)	1						
V=Vegetation ₩=₩ater WI=Wipe		•	VOL	UME	1000g				·		•
X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE	ANALYSIS	KD - batt						
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B282X5		SOIL	11-10-10	1327	V		10				

CHAIN OF POSSESSI	ON		SIGN/ PRINT NAMES		1	CIAL INSTRUCTIO		and Manihavina Camplina
RELINQUISHED BY/REM SSU-R1 RELINQUISHED BY/REM RELINQUISHED BY/REM RELINQUISHED BY/REM	MOVED FROM	DATE/TIME NOV 1 1 2010 07 10 DATE/TIME NOV 1 1 2010 [3350 DATE/TIME	RECEIVED BY/STORED IN SSU-R.1 RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	NOV 1 0 2010 PATE/TI	And	alysis GKI applie		and Monitoring Sampling
RELINQUISHED BY/REM	MOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/T	IME	D	ORIGINAL	
RELINQUISHED BY/REM	MOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/T	ME		VIRIUIIVAL	
RELINQUISHED BY/REM	MOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/T	IME			
LABORATORY SECTION	RECEIVED BY				TITL	E		DATE/TIME
FINAL SAMPLE	DISPOSAL METH	IOD			DISF	POSED BY		DATE/TIME

DISPOSITION

CH2	MHill Plateau	Remediation Company		CHAIN C	OF CUSTO	DDY/SAMPLE ANALYSIS	REQUEST		F10-162-001		
COLLECTOR	Rust 4	I more Ra	COMPANY CONT DYEKMAN, DL	TACT	1	TELEPHONE NO. 373-2530	PROJECT CO	ORDINATOR	PRICE CODE	8N	
SAMPLING L C7653; I-001	OCATION		PROJECT DESIGNATION 300-FF-5 RI/FS - SOII FIELD LOGBOOK NO. ACTUAL SAMPLE DEPTH ANF-N-503-2 pg 57 10.2-11.2			SAF NO. F10-162	4.1.				
ICE CHEST N	10.					COA 300204ES10		METHOD OF SHIPM FEDERAL EXPRESS			
SHIPPED TO Environmenta	HIPPED TO Environmental Sciences Laboratory			OFFSITE PROPERTY NO. N/A				BILL OF LADING/AIR BILL NO. N/A			
MATRIX* A=Air DL=Drum	Contains Rad	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations		VATION	None	121					
Liquids DS=Drum	transportation	may not be regulated for on per 49 CFR / IATA Dangerous	· HOLDIN	IG TIME	6 Month					- i-	
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF C	ONTAINER	Split Spo Liner	oon				·	
S=Soil SE=Sediment		,	NO. OF COM	NTAINER(S)	1	+					
T=Tissue V=Vegetation W=Water			VOL	.UME	1000g	*					
WI=Wipe (=Other SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B25DT1		SAMPLE A	ANALYSIS	KD - Batch	70						
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B25DK2		SOIL	9-21-10	1911	-			A			

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F	REMOVED FROM REMOVED FROM REMOVED FROM	DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME L30% PATE/TIME //0 (350 DATE/TIME	BRM # 1356 ORIGIN	AL
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	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

DATA TURNAROUND

CH2M	Hill Plateau Remediation Company	CHAIN OF C	USTODY/SAMPLE ANALYSIS	REQUEST	F10-162-014	PAGE 1 OF 1	
ROSENE A	Post Romo, HIGUERA	COMPANY CONTACT DYEKMAN, DL	TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROUND	
SAMPLING LO C7653; I-005		PROJECT DESIGNATION 300-FF-5 RI/FS - Soil		SAF NO. F10-162	AIR QUALITY	45 Days / 45 Days	
ICE CHEST NO	D. ALA	FIELD LOGBOOK NO. HNF-N-503-299 57 20.0-21.2*		COA 300204ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
SHIPPED TO Environmental	Sciences Laboratory	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL I	NO.		
MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations	PRESERVATION	ne				
DL=Drum Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME	fonths .				
Solids L=Liquid O=Oil	Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	TYPE OF CONTAINER Sp. Lir	it Spoon er				
S=Soil SE=Sediment	·	NO. OF CONTAINER(S)					
T=Tissue V=Vegetation W=Water		VOLUME 10	00g ·				
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B25DT3	SAMPLE ANALYSIS KD	- Batch;				
		. 7		· •			
SAMP	LE NO. MATRIX*	SAMPLE DATE SAMPLE TIME					

*B25DK6

SOIL

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R	Jony Rosane 9.21-10/ 153		2010 /530		
M. A. White	nather SEP 2 1 2010 160		1: 2010 1600	1 1 1	
RELINQUISHED BY/R	SEP 2 3 2010 13	LR. Aguiller SEP 2 9 2010	L3CD		tirti ja kuu attijus
J.R. Aguilar	SEP 2 9 2010 1405	RECEIVED BY/STORED IN SUSEP 2 9 2010	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	7) OR	ICINAT
RELINQUISHED BY/R	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	S VIII	IOHAL
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	1	0	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company	CHAIN	OF CUST	ODY/SAMPLE ANALYSIS R	EQUEST	F10-162-020	PAGE	1 (OF 1
ROSANE	0.	Higusea	COMPANY CONTACT DYEKMAN, DL		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N		TURN	
			PROJECT DESIGNATION 300-FF-5 RI/FS - Soil			SAF NO. F10-162	AIR QUALITY		45 Da D	ays / 4 Days
ICE CHEST NO.		4 0 00		13.5-16.0	COA 300204ES10	METHOD OF SHIPMENT FEDERAL EXPRESS® GOLF VOL		Veh.	ale	
SHIPPED TO Environmenta			OFFSITE PROPERTY NO. SEE PTR			BILL OF LADING/AIR BILL I	NO.			
MATRIX*	A=Alr		PRESERVATION	None						
DL=Drum Liquids DS=Drum	that may or transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME	6 Month	ns					
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CONTAINER	Split Sp Liner	oon 2					
S=Soll SE=Sediment T=Tissue			NO. OF CONTAINER(S)	1						
V=Vegetation W=Water			VOLUME	1000g						
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25DV6		SAMPLE ANALYSIS	KD - Bato	ch;						
SAMP	PLE NO.	MATRIX*	SAMPLE DATE SAMPLE TIM	E						
B25DR1		SOIL	1112 1112	-						

DATA TURNAROUND

45 Days / 45 Days

DATE/TIME

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
1 0 4 0 - 1	PATE/TIME	RECEIVED BY/STORED IN SSU-RI 8/9/10	DATE/TIME	** The 300 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
SSU-R1 AUG 16 2010	TZ40	LR Aguilar ANG 16 2010	DATE/TIME	BRM # 13564
RELINOUISHED BY REMOVED FROM AU 1 5 2010	14.45	RECEIVED BY/SECREDIN AUG 16 2	DATE/TIME 010 14:45	DIVIN 11 . 33
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STÓRED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM D	ATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
LABORATORY RECEIVED BY		<u> </u>		TITLE DATE/TIME

FINAL SAMPLE

DISPOSITION

DISPOSAL METHOD

DISPOSED BY

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	DDY/SAMPLE ANALYSIS R	EQUEST
COLLECTOR	E Rust	Kewn Higina	DYEKMAN, DL	TACT	Т	ELEPHONE NO. 373-2530	PROJE
SAMPLING L C7656; I-004	OCATION		PROJECT DESIG 300-FF-5 RI/FS		SAF NO F10-16		
ICE CHEST N	10.	6W3-189	FIELD LOGBOOK NO. ACTUAL SAMPLE DEPTH HNF-N-503-2 Pg 29 18-5-21.0				
SHIPPED TO Environmenta	al Sciences Lat	poratory	OFFSITE PROPERTY NO. SEE PTR				
MATRIX*		E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	VATION	None		
DL=Drum Liquids DS=Drum	that may or transportat	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months	5	
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spo Liner	on Z	
S=Soil SE=Sediment T=Tissue			NO. OF CONTAINER(S)		1		
V=Vegetation W=Water WI≈Wipe			VOL	VOLUME 1000g			
X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25DV7			SAMPLE ANALYSIS		KD - Batch	v –	
SAMP	SAMPLE NO. MATRIX*			SAMPLE TIME			
B25DR3	25DR3 SOIL			1332	-		

DISPOSITION

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS		
RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R LR. Aguillar RELINQUISHED BY/R	EMOVED FROM AUG 18	DATE/TIME 2010 1240 5 2010 174/45 DATE/TIME	DECETVED BY STODED IN	DATE/TIME 8/9/10 /8/00 1G 15 2010 DATE/TIME DATE/TIME UG-1 5 2010 /4/15 DATE/TIME	Analysis GKI applies to the	P Characterization and Mohis SAF. RM#13564	nitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	7	ORIGINAL	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		UNIGINAL	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME			
LABORATORY SECTION	RECEIVED BY				TITLE		DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD				DISPOSED BY		DATE/TIME

F10-162-022

PRICE CODE

AIR QUALITY

8N

METHOD OF SHIPMENT 8-16-10

FEDERAL EXPRESSE Grovt Vehicle

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.
SEE PIRE 8 1 4 - 10

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

PAGE 1 OF 1

DATA

TURNAROUND

CH2I	CH2MHill Plateau Remediation Company			CHAIN O	F CUST	ODY/SAMPLE ANALYSIS RI	EQUEST	F10-162-024	PAGE 1 OF 1
COLLECTOR ROSANE	Rest &	aver Higure	COMPANY CONT DYEKMAN, DL	TACT		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROUN
SAMPLING L C7656; I-006	AMPLING LOCATION		PROJECT DESIGNATION 300-FF-5 RI/FS - Soil		SAF NO. F10-162	AIR QUALITY	45 Days / 45 Days		
CIWS-189		FIELD LOGBOOK NO. PS 30 ACTUAL SAMPLE DEPTH		, ,	COA 300204ES10	FEDERAL EXPRESS GOT. VEHICLE			
SHIPPED TO			OFFSITE PROPERTY NO.			8	BILL OF LADING/AIR BILL NO.		
MATRIX* A=Air DL=Drum	A=Air		PRESER		None		•		
Liquids DS=Drum	transportati	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)		IG TIME	6 Mont				
Solids L=Liquid O=Oil				ONTAINER	Split Sp Liner	2000n			
S=Soil SE=Sediment T=Tissue			NO. OF COM	NTAINER(S)	1				
V=Vegetation W=Water			VOL	UME	1000g				
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25DV8		SAMPLE ANALYSIS		KD - Bat	ich;				
SAMP	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME					
B25DR5		SOIL	8-10-10	0649	L				

CHAIN OF POSSESS	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R LOTH RESEARCE RELINQUISHED BY/R Ed KAUSH &	Jamy Rosens 8-10-10, EMOVED FROM 8-10-10	DATE/TIME		DATE/TIME	** The 300 Area S&GRP Characterization and Analysis GKI applies to this SAF. BRM # 13564	nd Monitoring Sampling and
	AUG 1 & ZUIU	1240	RECEIVED BY/STORED IN AUG 1 & 2010	DATE/TIME		
RELINDING BALK	EMOVED - 1 5 2010	14:45	RECEIVED BY/STORED IN AUG 15 20	10 14,45		
RELINQUISHED BY IR	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ADTOTALL	
RELINQUISHED BY/R	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
RELINQUISHED BY/R	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		1-		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

CH2M	Hill Plateau Remediation Company	CHAIN OF	F CUSTO	DY/SAMPLE ANALYSIS R	EQUEST	F10-162-026	PAGE 1 OF 1
COLLECTOR ROSANE RUST Kauer Higurea SAMPLING LOCATION C7656; I-008		COMPANY CONTACT DYEKMAN, DL	ACT TELEPHONE NO. 373-2530		PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROUNI
		PROJECT DESIGNATION 300-FF-5 RI/FS - Soil			SAF NO. F10-162	AIR QUALITY	4S Days / 45 Days
ICE CHEST NO. (TWS-189		FIELD LOGBOOK NO. PJ HNF-N- 503-2 30		CTUAL SAMPLE DEPTH	COA 300204ES10	METHOD OF SHIPMENT	B. W.ID T VEHILL R
SHIPPED TO		OFFSITE PROPERTY NO.			BILL OF LADING/AIR BILL	NO.	
Environmental	Sciences Laboratory	SEE PTR			SEE DTD 2.15.10		
MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations	PRESERVATION	None				
DL=Drum Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME	6 Months				
Solids L=Liquid O=Oil	Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	TYPE OF CONTAINER	Split Spo Liner	on 2			
S=Soil SE=Sediment		NO. OF CONTAINER(S)	1				
T=Tissue V=Vegetation W=Water		VOLUME	1000g				
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25DV9	SAMPLE ANALYSIS	KD - Batch	;			
SAMPI	LE NO. MATRIX*	SAMPLE DATE SAMPLE TIME					

8-10-10 0825

SOIL

B25DR7

DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R Arry Rosané J RELINQUISHED BY/R EL KAUFA E	EMOYED FROM DATE/TIME	RECEIVED BY/STORED IN B-10-10 133 RECEIVED BY/STORED IN DATE/TIME Pro ~ 4/13 550 - R2 8-10-10 135	Analysis GKI applies to this SAF. BRM # 13564	Monitoring Sampling and
RELINQUISHED BY/R RELINQUISHED BY/R LB. Aguilar RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM AUG 1 & 2010 1240 EMOVED FROM DATE/TIME DATE/TIME	RECEIVED BY/STORED IN AUG 1.5 2010 DATE/TIME AUG 1.5 2010 DATE/TIME BONNING AUG 1.5 2010 DATE/TIME BONNING BON	ORIGINAL	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN DATE/TIME		
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DATA TURNAROUND

CH2	MHill Platea	u Remediation Company		CHAIN O	F CUST	ODY/SAMPLE ANALYSIS	REQUEST	F10-162-028	PAGE 1 OF 1	
ROZAME A	0 .	er Higuesa	COMPANY CONT DYEKMAN, DL	TACT		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	DATA TURNAROU	
C7663; I-001	LOCATION	and the state of t	PROJECT DESIGNATION 300-FF-5 RI/FS - Soil				SAF NO. F10-162	AIR QUALITY	45 Days / 45 Days	
CE CHEST NO.		FIELD LOGBOOK NO. HNF-N- 503-2 09		ACTUAL SAMPLE DEPTH 43 20.6 -22.5		COA 300204ES10	METHOD OF SHIPMENT FEDERAL EXPRESS			
SHIPPED TO Environmenta	Environmental Sciences Laboratory		OFFSITE PROPERTY NO. SEE PTR				BILL OF LADING/AIR BILL NO. SEE PTR			
MATRIX* A=Air DL=Drum	Contains Ra	E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	VATION	-					
Liquids DS=Drum	transportat	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)		IG TIME	6 Mont	ns				
Solids L=Liquid O=Oil				ONTAINER	Split Sp Liner	oon				
S≈Soil SE=Sediment T≈Tissue			NO. OF COM	TAINER(S)	1					
V=Vegetation W=Water			VOL	UME	1000g					
VI=Wipe (=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F08		SAMPLE ANALYSIS		KD - Bat	ch;					
SAME	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME	E STATE OF					
B25F41	25F41 SOIL		11-18-10	0812	V					

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	Temoved from DEC 0 2 2010 0736 REMOVED FROM DATE/TIME TEMOVED FROM DATE/TIME TEMOVED FROM DATE/TIME	RECEIVED BY/STORED IN SSU-R/4 NOV 1 8 2010 RECEIVED BY/STORED IN M. A. White Mallin DEC 1 RECEIVED BY/STORED IN BECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME 2 2010 0730 C2010 9:05 DATE/TIME DATE/TIME	** The 300 Area S&GRP Characterization a Analysis GKI applies to this SAF. BRM# 13569	
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
RELINQUISHED BY/F	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

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUST	ODY/SAN	APLE ANALYSIS RE	QUEST
ROSSER	ust Kouer	Vienes	COMPANY CONT DYEKMAN, DL	ACT	•	TELEPHO 373-253		PROJE
SAMPLING L C7663; I-002	OCATION	and the second	PROJECT DESIGNATION 300-FF-5 RI/FS - Soil					SAF NO F10-16
ICE CHEST NO.			FIELD LOGBOOK NO. HNF-N- 503-2 Pg 63 22.5-25.				1 1	COA 30020-
SHIPPED TO Environmenta	al Sciences Labo	oratory	OFFSITE PROPE SEE PTR	RTY NO.				SEE PT
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/. REMARKS ioactive Material at concentrations	PRESER	VATION	None			
Liquids DS=Drum	that may or r transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDING TIME 6			ns		
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Sp Liner	oon		
S=Soil SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	(NER(S)			
V=Vegetation W=Water			VOL	UME	1000g			
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F08		SAMPLE ANALYSIS		KD - Bato	ch;			
SAME	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME				
B25F42	325F42 SOIL		11-18-10	0847	-	-		

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	Characteristics and Maniterias Campling and
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R M. A. White- RELINQUISHED BY/R	EMOVED FROM DEC 0 2 2010	SSU-RZU N TIME RECEIVED BY/STORED IN M. A. White Maluta TIMES RECEIVED BY/STORED IN 19:05 Igor Kus myales / yales	DEC 0 2 2010 PATE/TIME Analysis GKI applies to the DEC 0 2 2010 PATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME	3564
RELINQUISHED BY/R	REMOVED FROM DATE	TIME RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/R	REMOVED FROM DATE	TIME RECEIVED BY/STORED IN	DATE/TIME () OR	ICIAL S
RELINQUISHED BY/F	REMOVED FROM DATE	TIME RECEIVED BY/STORED IN	DATE/TIME	GINAL
LABORATORY SECTION	RECEIVED BY	-	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

SEE PTR

300204ES10

PAGE 1 OF 1

DATA

TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUST	ODY/	SAMPLE ANALYSIS R	EQUEST
COLLECTOR	Pust Ka	ur House					PHONE NO.	PROJEC
SAMPLING L C7663; I-003	OCATION		PROJECT DESIG 300-FF-5 RI/FS -					SAF NO F10-16
ICE CHEST N	10.		FIELD LOGBOOK NO. HNF-N- 503-2 PS 63 25-0-27.5				,	COA 300204
SHIPPED TO Environment	SHIPPED TO Environmental Sciences Laboratory			OFFSITE PROPERTY NO. SEE PTR				SEE PT
MATRIX* POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations				VATION.	None .			
DL=Drum Liquids DS=Drum	transportati	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Month	ns		
Solids L=Llquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CONTAINER		Split Spoon Liner			
S≖Soll SE=Sediment T=Tissue			NO. OF CONTAINER(S)					
V=Vegetation W=Water			VOL	UME	1000g			
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F09		SAMPLE ANALYSIS		KD - Batch;				
SAMI	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25F43 SOIL		11-18-10 0938						

DISPOSITION

CHAIN OF POSSESS	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	nitoring Campling and
RELINQUISHED BY/RE OSTAN OSTANG RELINQUISHED BY/RE SSU-RA RELINQUISHED BY/RE M. A. White	Yang Rosene EMOVED FROM	DEC 0 2 2010 TIME 073	RECEIVED BY/STORED IN SSU-RZ4 NOV 1 8 2010 RECEIVED BY/STORED IN M. A. White participation DEC 0 2	DATE/TIME 16/0 DATE/TIME 2010 0730 DATE/TIME	** The 300 Area S&GRP Characterization and Mo Analysis GKI applies to this SAF. BRM # 13569	nitoring Sampling and
RELINQUISHED BY/RE		DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		1970 Day 1
RELINQUISHED BY/RE		DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
RELINQUISHED BY/RE	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY				TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL MET	HOD			DISPOSED BY	DATE/TIME

F10-162-030

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

SEE PTR

COA 300204ES10 PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUST	ODY/SAMPLE ANALYSIS R	EQUEST	F
COLLECTOR	Post &	our Higuera	COMPANY CONT	ACT		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	F
SAMPLING L C7663; I-004	OCATION	mar programme	PROJECT DESIGNATION 300-FF-5 RI/FS - Soll				SAF NO. F10-162	A
ICE CHEST NO.			FIELD LOGBOOK NO. ACTUAL SAMPLE DEPTH				COA 300204ES10	M
SHIPPED TO Environmenta		poratory	OFFSITE PROPE SEE PTR				BILL OF LADING/AIR BILL N SEE PTR	10.
MATRIX*	Air Contains Padioactive Material at concentration		. PRESER	VATION	None			
Liquids that may DS=Drum transport		or may not be regulated for HOLDING TIME 6 Months titlon per 49 CFR / IATA Dangerous		hs				
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CONTAINER		Split Sp Liner	ooon		
S=Soil SE=Sediment T=Tissue			NO. OF COM	TAINER(S)	1			
V=Vegetation W=Water	-		VOLUME 1000g					
WI=Wipe X=Other			SAMPLE ANALYSIS		KD - Bat	ch;		
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25F44 SOIL		11-18-10	1001	U	/			

CHAIN OF POSSES	STOM		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F RELINQUISHED BY/F M. A. White RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F	REMOVED FROM REMOVED FROM REMOVED FROM REMOVED FROM	DATE/TIME DEC 0 2 2010 073 DATE/TIME DEC 0 2 2010 9:05 DATE/TIME DATE/TIME	RECEIVED BY/STORED IN	DEC 0 2 2010 0 30 DEC 0 2 2010 9 :05	** The 300 Area S&GRP Characterization Analysis GKI applies to this SAF. BRM # 13569 ORIGINAL	on and Monitoring Sampling and
	to them.				THE STATE OF THE S	
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY			,	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METH	HOD			DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

PAGE 1 OF 1

DATA TURNAROUND

CH2I	MHill Plateau	Remediation Company		CHAIN O	F CUSTOD	Y/SAMPLE ANALYSIS RI	EQUEST	
COLLECTOR	Lust to	us Higura	COMPANY CONT DYEKMAN, DL	ACT	1	173-2530	PROJ	
SAMPLING L C7663; I-005	OCATION		300-FF-5 RI/FS			SAF N F10-1		
ICE CHEST N	0.		FIELD LOGBOOK NO. HNF-N-503-2 P9 63 30.0-32.5					
SHIPPED TO Environmenta	HIPPED TO Environmental Sciences Laboratory		OFFSITE PROPERTY NO. JAR 11-10-10 SEE PTR					
MATRIX* A=Alr DI=Drum POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations			PRESER	VATION .	None			
Liquids DS=Drum Solids	transportation	may not be regulated for in per 49 CFR / IATA Dangerous lations but are not releasable per	HOLDIN	G TIME	6 Months			
L=Liquid O=Oil		400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner			
S=Soil SE=Sediment T=Tissue			NO. OF CONTAINER(S)					
V=Vegetation W=Water WI=Wipe			VOL	UME	1000g			
SPECIAL HANDLING AND/OR STOI Radioactive tie to: B25F10			SAMPLE ANALYSIS		KD - Batch;			
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25F45	325F45 SOIL		11-18-10	0728	/	1		

DISPOSAL METHOD

FINAL SAMPLE DISPOSITION

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R	Seme Rosans 11-14-16	DATE/TIME	RECEIVED BY/STORED IN SSU-R1	NOV 1 9 2010 TE / 1545	** The 300 Area S&GRP Analysis GKI applies to the	Characterization and Monitoring Sampling and is SAF.
RELINQUISHED BY/R		DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		-(11
SSU-F	RI DEC 0 2	2010 1730	M. A. White 7061 ()	DEC 0 2 2010 0730	BRM# 13	564
RELINQUISHED BY/R		DATE/TIME	RECEIVED BY/STORED IN	V back DATE/TIME	Dali	
M. A. White	nature DEC 0;	2 2010 9:05	Igor Kudnyaku/Igor	DEC 0 2 2010 9:05		
RELINQUISHED BY	EMOVED FROM	DATE/TIME	RECEIVED BY STORED IN	DATE/TIME	i com a com in	Callette area in
RELINQUISHED BY/F	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/F	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	7	Draw
RELINQUISHED BY/F	REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	\mathbf{L}	RIGINAL
LABORATORY SECTION	RECEIVED BY				TITLE	DATE/TIME

F10-162-032

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162 COA

300204ES10

SEE PTR

DISPOSED BY

PAGE 1 OF 1

DATE/TIME

DATA

TURNAROUND

CH2	MHIII Plateau	Remediation Company		CHAIN O	F CUSTODY/	SAMPLE ANALYSIS R	EQUEST	
COLLECTOR ROSANE	Post Kay	ur Higuera	COMPANY CONT DYEKMAN, DL	TACT		PHONE NO. -2530	PROJE	
SAMPLING L C7663; I-006	OCATION		PROJECT DESIGNATION 300-FF-5 RI/FS - SOII FIELD LOGBOOK NO. HNF-N- 503-2 P943 32.5-35.0					
ICE CHEST N	10.							
SHIPPED TO Environment	HIPPED TO Environmental Sciences Laboratory			OFFSITE PROPERTY NO. SEE PTR				
MATRIX* A=Alr DL=Drum		E SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION	None	* .		
Liquids DS=Drum	transportati	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months			
Solids L=Liquid O=Oil		ds Regulations but are not releasable per Order 5400.5 (1990/1993) TYPE OF CON		F CONTAINER Split Spoon Liner				
S=Soil SE=Sediment T=Tissue			NO. OF CONTAINER(S)		1			
V=Vegetation W=Water			VOLUME 1000g					
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F10			SAMPLE ANALYSIS		KD - Batich;			
SAMPLE NO. MATRIX* B25F46 SOIL		SAMPLE DATE	SAMPLE TIME					
		11-19-10	0927	1				

DISPOSITION

CHAIN OF POSSESS	SION	1	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/RI		DATE/TIME	RECEIVED BY/STORED IN SSU-R1	NOV 1 9 2010 7	** The 300 Area S&GRP Characterization Analysis GKI applies to this SAF.	on and Monitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM	DEC 0 2 2010 0730	M. A. White Wall	DEC 0, 2 2010 0730	BRM# 13564	
A White	alvhow	DEC 0 2 2010 \$105	Igor Katnyaka/lgn hil	ØEC 0 2 2010		×
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY STORED IN	DATE/TIME	and the second of	international states
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ODICINAL	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	UNIGINAL	
LABORATORY SECTION	RECEIVED BY				TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL MET	THOD			DISPOSED BY	DATE/TIME

F10-162-033

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SEE PTR

SAF NO.

F10-162

PAGE 1 OF 1

DATA

TURNAROUND

CH2I	MHill Plateau Remediation Company	CHAIN OF	CUSTO	DY/SAMPLE ANALYSIS R	EQUEST	F10-162-034	PAGE
COLLECTOR	- Rost House	COMPANY CONTACT DYEKMAN, DL		ELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	
C7663; I-007	OCATION	PROJECT DESIGNATION 300-FF-5 RI/FS - Soll			SAF NO. F10-162	AIR QUALITY	
SHIPPED TO Environmental Sciences Laboratory		HNF-N- 503-Z PS 64 35.0- 37.5		COA 300204ES10	METHOD OF SHIPMENT FEDERAL EXPRESS		
		OFFSITE PROPERTY NO. SEE PTR			BILL OF LADING/AIR BILL SEE PTR	NO.	
MATRIX* A=Air DL=Drum	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentration	PRESERVATION .	None				
Liquids DS=Drum Solids	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME	6 Months				
L=Liquid O=Oil	Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)		Split Spoor	n			
S=Soil SE=Sediment T=Tissue		NO. OF CONTAINER(S)	1				
V=Vegetation W=Water		VOLUME	1000g				
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F11		SAMPLE ANALYSIS	KD - Batch;				
SAMP	LE NO. MATRIX*	SAMPLE DATE SAMPLE TIME					
B25F47 SOIL		11-19-10 1016	V				

1 OF 1

DATA TURNAROUND

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM DEC 0 2 2010 63 EMOVED FROM DEC 0 2 2010 63 DEC 0 2 2010 9105 DEC 0 2 2010 9105 DEC 0 2 2010 9105	RECEIVED BY/STORED IN	DEC 0 2 2010 9/05 DEC 0 2 2010 9/05 DATE/TIME DATE/TIME DATE/TIME DATE/TIME	Trin aleman de les alemans
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME OKIGIN	AL
RELINQUISHED BY/R	EMOVED 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

CH2	MHill Plateau	Remediation Company		CHAIN OF	F CUST	TODY/SAMPLE ANALYSIS RE	QUEST
COLLECTOR	P. +	Urama				TELEPHONE NO. 373-2530	PROJE
SAMPLING L C7663; I-008		1.9	PROJECT DESIGNATION 300-FF-5 RI/FS - Soll				
ICE CHEST N	10.		HNF-N- 503	LOGBOOK NO. ACTUAL SAMPLE DEPTH			COA 300204
SHIPPED TO	HIPPED TO		OFFSITE PROPE				BILL O
Environmenta	Environmental Sciences Laboratory		SEE PTR				SEE PT
MATRIX*	A=Air Contains Padigastive Material at consentrations			VATION	None		
DL=Drum Liquids DS=Drum	that may or transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	HOLDING TIME 6 Months		ths	
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split	poon	
S=Soil SE=Sediment T=Tissue			NO. OF CONTAINER(S)		1		
V=Vegetation W=Water			VOL	UME	1000g		
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F11		SAMPLE ANALYSIS		KD - Bar	toch;		
SAMPLE NO. MATRIX* B25F48 SOIL		SAMPLE DATE	SAMPLE TIME				
		11-19-10	1152	V			

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES	=	SPECIAL INSTRUCTIONS	insting and Manitoving Compline and
RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R	EMOVED FROM DEC	DATE/TIME 2011 TIME 2013 30	RECEIVED BY/STORED IN RECEIVED BY/STORED IN M. A. White RECEIVED BY/STORED IN	DEC 0 2 2010 730	Analysis GKI applies to this SAF. BRM # 13 56 9	zation and Monitoring Sampling and
M. A. WHAT THE RELINQUISHED BY/R	EMOVED FROM	2010 9105	GOT KATH QUALINA MECEIVED BY/STORED IN	DEC 0 2 2010 9:05 DATE/TIME		Term Free Art 188
RELINQUISHED BY/R		DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGIN	IAL
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		1		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SEE PTR

SAF NO.

F10-162

PAGE 1 OF 1

DATA

TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	DY/SAMPLE ANALYSIS RI	EQUEST
COLLECTOR	Rust	Access	COMPANY CONT DYEKMAN, DL	TACT		ELEPHONE NO. 373-2530	PROJEC DYEKM
C7663; I-009			PROJECT DESIG 300-FF-5 RI/FS				SAF NO F10-16
ICE CHEST NO.					42.0 - 44.5	COA 300204	
SHIPPED TO Environmental Sciences Laboratory			OFFSITE PROPERTY NO.			SEE PT	
MATRIX* A=Air DL=Drum	Air Contrine Pedienathre Metarial at concentrations		PRESERVATION.		None		
Liquids DS=Drum	transportati	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME		6 Months		
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	Split Spoor Liner	n		
S=Soil SE=Sediment T=Tissue			NO. OF CONTAINER(S)		1		
V=Vegetation W=Water	S.				1000g		
WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE Radioactive tie to: B25F12		SAMPLE A	ANALYSIS	KD - Batch;			
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	1000		
B25F49 SOIL		SOIL	11-19-10	1315	~		

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R	EMOVED FROM DATE/T	RECEIVED BY/STORED IN AND 13-2-19 SSU-R1	NOV 19 2010 / Analysis GKI applies to this S	
SSU-R1	EMOVED FROM DEC 0 2 2010 04	TIME RECEIVED BY/STORED IN	DEC 0 2 2010 0730 BRM # 135	564
REINIQUIENER BY/R	CAULE DEC 0 2 2010	19:05 Igor Kulmaka york	DEC 0 2 2010 9 05	
RELINQUISHED BY/R	EMOVED FROM DATE/	ME BECEIVED BY STORED IN	DATE/TIME:	Territories de l'Arresta de
RELINQUISHED BY/R	EMOVED FROM DATE/1	TIME RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/R	EMOVED FROM DATE/1	TIME RECEIVED BY/STORED IN	DATE/TIME ODICI	INAT
RELINQUISHED BY/R	EMOVED FROM DATE/1	TIME RECEIVED BY/STORED IN	DATE/TIME UNIT	INAL
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DATA TURNAROUND

45 Days / 45

Days

F10-162-036

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SEE PTR

SAF NO.

F10-162

CH2	Hill Plateau	Remediation Company		CHAIN	OF CUS	TODY/S	AMPLE A	NALYSIS RE	QUEST				F
COLLECTOR ROSANE	Rust No	ur Higurea	COMPANY CONTACT DYEKMAN, DL			TELEPHONE NO. 373-2530		PROJEC*		RDINATOR		P	
SAMPLING LOCATION C7656 I-010 ICE CHEST NO. C1 WS -1 P5 SHIPPED TO Environmental Sciences Laboratory		PROJECT DESIG 300-FF-5 RI/FS -						SAF NO. F10-162			A		
		FIELD LOGBOOK NO. HNF-N- 503-2 PG			30 33,5 - 35,0		COA 300204ES10		MI				
		OFFSITE PROPERTY NO. N/A			BILL OF LADING/AIR BILL NO								
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS	PRESER	NOITAV	None								
Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Mon	ths		* . '	. *			. 9	
Solids L=Liquid, O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CONTAINER		Split Spo			, ,	10		L ·		
S=Soil SE=Sediment T=Tissue	*, .		NO. OF CON	ITAINER(S)	. 1								
V=Vegetation W=Water WI=Wipe X=Other SPECIAL HANDLING AND/OR STORAGE			VOLUME		1000g	, ,							
		SAMPLE A	NALYSIS	KD - Ba	etch;								
SAMP	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME									
B261B8 SOIL		SOIL	8-10-10	1033	~								

DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R Larry Reserve RELINGUISHED BY/R Edition 2	Yany Rosene 8-10-10/ 1330	RECEIVED BY/STORED IN DATE/TIL	Analysis GKI applies to this SAF. BRM #13564	zation and Monitoring Sampling and
RELINQUISHED BY/R RELINQUISHED BY/R J.R. Aguillar RELINQUISHED BY/R	AUG 1 & 2010 2 10 14,45	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN DATE/TIL RECEIVED BY/STORED IN DATE/TIL DATE/TIL DATE/TIL	ME ME	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN DATE/TIL	ORIGI	NAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN DATE/TIL	ME	
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

F10-162-037

PRICE CODE

AIR QUALITY

8N

METHOD OF SHIPMENT 2.15. 10
SOVERNMENT VEHICLE COUT VEHICLE

PAGE 1 OF 1

DATA

TURNAROUND 45 Days / 45 Days

CH2I	CH2MHill Plateau Remediation Company			CHAIN OF	CUST	ODY/SAM	PLE ANALYSIS	REQUEST		F10-162-040		PAGE 1 OF 1
ROSANG	ROSANE RUST Kaver Highers		DYEKMAN, DL	TACT	1	373-2530		PROJEC DYEKM/	AN, DL	PRICE CODE	8N	DATA TURNAROUND
			PROJECT DESIGNATION 300-FF-5 RI/FS - Soll			SAF NO. F10-162	AIR QUALITY	45 Days / 45 Days				
CE CHEST NO.		HNF-N- 5	K NO.			AMPLE DEPTH	COA 300204	ES10	METHOD OF SH GOVERNMENT V			
SHIPPED TO Environmenta	al Sciences Labo	oratory	OFFSITE PROPE	ERTY NO.				BILL OF	LADING/AIR BILL	NO.		
MATRIX* A=Air DL=Drum	A=Air Contains Redicactive Material at cons		PRESER	VATION	None					· · · · · · · · · · · · · · · · · · ·		
Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	NG TIME	6 Month	s ···	• • •		4		* + + +	
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF C		Split Spo Liner	oon 3						
S=Soil SE=Sediment T=Tissue			NO. OF COM	NTAINER(S)	1							
V=Vegetation W=Water	-	• • • • • • • • • • • • • • • • • • • •	VOL	.UME	1000g							
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Bato	h;						
SAMP	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME								
B261C1		SOIL	8-10-10	1426	V							

CHAIN OF POSSESS	SION	SIGN/ PRINT NAMES	SPECIAL INS	
RELINQUISHED BY/RI RELINQUISHED BY/RI RELINQUISHED BY/RI AGUINA	EMOVED FROM DATE/TIME AUG 1 6 2018 ATE/TIME AUG 1 6 2010 14/45	RECEIVED BY/STORED IN RECEIVED BY/STORED IN J.P. Aquiller RECEIVED, BY/STORED IN Ben Williams Partial AUG 1 6 2010 RECEIVED BY/STORED IN	Analysis Gl	0 Area S&GRP Characterization and Monitoring Sampling and CI applies to this SAF. BRM # 13564
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
LABORATORY SECTION	RECEIVED BY	J.	TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DISPOSITION

CH2	MHill Plateau	Remediation Company		CHAIN OF	CUST	ODY	SAMPLE ANALYSIS REC	UEST
ROSANE	Lust	Kauer Higurea					PHONE NO. -2530	PROJE
C7656 I-015	SAMPLING LOCATION			NATION Soil				SAF NO F10-16
SHIPPED TO Environmental Sciences Laboratory		FIELD LOGBOOK NO. ACTUAL SAMPLE HNF-N- 503-2 32 46-0 - 4				IAL SAMPLE DEPTH	COA 30020	
		OFFSITE PROPERTY NO.					BILL O	
MATRIX* A=Air DL=Drum	A=AIr Contains Padinactive Material at concentrations		PRESERVATION			None		5 .
Liquids DS=Drum	transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Months			•
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	Split Spoon Liner Z				
S=Soil SE=Sediment T=Tissue			NO. OF CON	TAINER(S)				
V=Vegetation W=Water	V=Vegetation .		VOL	1000g		,		
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE A	NALYSIS	KD - Bat	nch;		
SAMP	LE NO.	. MATRIX*	SAMPLE DATE	SAMPLE TIME	8 6	1		
B261C3 SOIL		8-11-10	0754	. ~	1			

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SP	ECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM DATE/TIME AUG 1 6 2010 1415 EMOVED FROM DATE/TIME AUG 1 6 2010 14145 EMOVED FROM DATE/TIME DATE/TIME DATE/TIME	Beneficians Derfull Al	A S-11-10/1550 A DATE/TIME 16 2010 140 DATE/TIME 1G 1 6 2010 14/45	* The 300 Area S&GRP Characterization nalysis GKI applies to this SAF. **BRM # 13564** **ORIGINAL PROPERTY OR SAF.**	NAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		TIT	TLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DIS	SPOSED BY	DATE/TIME

DATA

TURNAROUND

45 Days / 45 Days

F10-162-042

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO. F10-162

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	DDY/S/	AMPLE AN	ALYSIS RE	QUEST
ROSANE	Rust Ka	uer Higuna	DYEKMAN, DL 373				ONE NO.		PROJE
C7656 I-017 ICE CHEST NO.			PROJECT DESIG 300-FF-5 RI/FS						SAF NO F10-16
			FIELD LOGBOOK NO. ACTUAL SAMPLE DEPT HNF-N- 503-2 pg 32 51.0 - 53.5				1	COA 30020	
SHIPPED TO Environmental Sciences Laboratory MATRIX* A=AIr. D1=Drim POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations.		OFFSITE PROPERTY NO. N/A							
		PRESERVATION		None					
Liquids DS=Drum	transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDING TIME			S	**	, ,	*
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CONTAINER		Split Spoon Liner &				
S=Soll SE=Sediment T=Tissue			NO. OF COM						
Y=Vegetation , W=Water ,		VOL	UME	E 1000g					
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch	1;			
SAME	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	TOP IS				
B261C5 SOIL		8:11-10	1037	V	-				

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECI	AL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM AUG 1 6 2010 1410 (EMOVED FROM DATE/TIME AUG 1 6 2010 14145	RECEIVED BY STORED IN AUG 16 RECEIVED BY STORED IN	2010 (41) DATE/TIME Analy Analy DATE/TIME DATE/TIME	ysis GKI applies to this SAF. BRM# 1356	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	97	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	₩ ORI(GINAL
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPO	SED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT **GOVERNMENT VEHICLE**

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

PAGE 1 OF 1

DATA TURNAROUND

CH2P	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	DDY/SAMPLE ANALYSIS RE	QUEST
COLLECTOR	Rust Va	un Higurea	COMPANY CONT DYEKMAN, DL	TACT		ELEPHONE NO. 373-2530	PROJE
C7656 I-018	MPLING LOCATION			NATION Soil			SAF NO F10-16
ICE CHEST NO.			FIELD LOGBOOK NO. HNF-N- 503-2 A 32 53.5-56.0				
SHIPPED TO Environmenta	l Sciences Labo	oratory	OFFSITE PROPE	RTY NO.			BILL O
MATRIX* A=Air DL=Drum Liquids DS=Drum MATRIX* POSSIBLE SAMPLE HAZARDS/ REMARKS. Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous		PRESER	,	None 6 Months	3		
Solids' L=Liquid'. O≃Oll		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon		2
S=Soll SE=Sediment T=Tissue			NO. OF CON	ITAINER(S)	1		
V=Vegetation W=Water'			VOL	UME , .	1000g		
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;		
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B261C6		SOIL	8-11-10	1057	/		

DISPOSAL METHOD

FINAL SAMPLE DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		AL INSTRUCTIONS	
RELINQUISHED BY/R Learny Rosaus J RELINQUISHED BY/R SSU 72	EMOVED FROM BATE/TIME AIIG 1 6 2010 1710	RECEIVED BY/STORED IN MO-744-55U-R3 RECEIVED BY/STORED IN JR. Aguiller AUG-16	8-11-10/1550 Analy	The 300 Area S&GRP Characteri ysis GKI applies to this SAF. BRM# 1356	zation and Monitoring Sampling and
RELINQUISHED BY/R	AUG 1 6 2010 14:45	BenWithians per Mall AUG 16 RECEIVED BY STORED IN	2010 14, 45 DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME) OR	ICINAT
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	www.	IOINAL
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME

F10-162-045

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

DISPOSED BY

PAGE 1 OF 1

DATE/TIME

DATA

TURNAROUND

CH2M	Hill Plateau	Remediation Company		CHAIN O	F CUS	TODY/S	AMPLE ANALYSIS REC	QUEST	F
COLLECTOR	ROSPANE RUST ROMO, HIGHERA		COMPANY CONTACT DYEKMAN, DL			TELEPH 373-25	IONE NO.	PROJECT COORDINATOR DYEKMAN, DL	P
SAMPLING LO C7653; I-002	CATION	, , , , ,	PROJECT DESIG 300-FF-5 RI/FS -					SAF NO. F10-162	A
ICE CHEST NO	0.		HNF-N-50		7		SAMPLE DEPTH	COA 300204ES10	Mi
SHIPPED TO Environmental	Sciences Labo	oratory	OFFSITE PROPE					BILL OF LADING/AIR BIL N/A	L NO.
MATRIX*		SAMPLE HAZARDS/ REMARKS lioactive Material at concentrations	PRESER	VATION	None				
DL=Drum Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Mor	nths			
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split S Liner	Spoon 2			
S=Soil SE=Sediment			NO. OF CON	ITAINER(S)	1				
T=Tissue V=Vegetation W=Water			VOL	UME	10000	9			
WI=Wipe X=Other		HANDLING AND/OR STORAGE /E TIE TO: B25DT1	SAMPLE A	ANALYSIS	KD - B	atch;			
		. , .						,	
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	- 1				
B278D8		SOIL	9-21-10	1250	L	/		K.	

CHAIN OF POSSESS	SION		SIGN/ PRINT NAMES	SPECIAL IN	ISTRUCTIONS RPM#	1356.4
RELINQUISHED BY/RI	0 0 0	DATE/TIME	RECEIVED BY STORED IN SPP 2 1 201	DATE/TIME	DAM	
RELINQUISHED BY/R		1350	Ben Williams Bei Williams	9/21/10. 1350	· Do servedy	iv.
RELINQUISHED BY/RI	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	to the first with	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ODICINA	
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	UKIGINA	L
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		1	TITLE		DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED B	Υ	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN	OF CUST	ODY/SAMPLE AN	ALYSIS REC	UEST		F10-1	62-069	
ROSANE	Rust Ros	NO HIOVERA	DYEKMAN, DL	TACT		TELEPHONE NO. 373-2530	- M	PROJECT DYEKMAN	COORDINATOR , DL	PRICE	CODE	8N
C7653; I-003		•	PROJECT DESIGNATION 300-FF-5 RI/FS - Soil				SAF NO. F10-162		AIR QUALITY			
ICE CHEST N	10.	ula	HNF-N- 503		7	ACTUAL SAMPLE	DEPTH 16.0"	COA 300204ES	10		D OF SHIP AL EXPRESS	
SHIPPED TO Environmenta	al Sciences Lab		OFFSITE PROPE					BILL OF L	ADING/AIR BILL	NO.		W - Au
MATRIX* A=Air DL=Drum		E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	EVATION	None	3			, .			
Liquids DS=Drum		may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	NG TIME	6 Mont	hs .						
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split	ooon			•			
S=Soil SE=Sediment T=Tissue			NO. OF COM	NTAINER(S)	1							
V=Vegetation W=Water			VOL	.UME	1000g							
WI=Wipe X=Other		HANDLING AND/OR STORAGE VE TIE TO: B25DT2	SAMPLE A	ANALYSIS	KD - Bat	ch;			. 9	•		
	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	- 1-	-						
B27902		SOIL	9-21-10	1318	-					4		

CHAIN OF POSSESS	STON		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/RI	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		·
RELINQUISHED BY/RI	Jany Kosone 9-21-11	DATE/TIME	M. A. White Market SEP 2 RECEIVED BY/STORED IN	1 2010 /530 DATE/TIME		
M. A. White TV	ables SEP 21	2010 1600	SSU-R1 SEP 2	1 2010 /600	and the second of the second	and the second
SSU-R1	SEP 2 9 2010	DATE/TIME	BECEIVED BY/STORED IN SEP 2 9 2010	DATE/TIME		
RELINQUISHED BY/RI	SEP 2 9 2010	DATE/TIME	D. STATE SEP 2 9 2010	DATE/TIME		
RELINQUISHED BY/RE	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL.	
RELINQUISHED BY/RE	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/RE	EMOVED 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

DATA TURNAROUND

CH2M	Hill Plateau	Remediation Company		CHAIN O	F CUS	STODY/SAMPLE ANALYSIS	REQUEST	F
COLLECTOR ROSE	COLLECTOR RUST ROMO HIGHERA					TELEPHONE NO. 373-2530	PROJECT COORDINATO DYEKMAN, DL	R
SAMPLING LO C7653; I-004	CATION		PROJECT DESIG 300-FF-5 RI/FS -				SAF NO. F10-162	A
ICE CHEST NO),	x/A	HNF-N- 503	NO2 Pg 5	7	ACTUAL SAMPLE DEPTH	10.000	M
SHIPPED TO Environmental	Sciences Labo	ratory	OFFSITE PROPE	RTY NO.			BILL OF LADING/AIR BI	LL NO.
MATRIX*		SAMPLE HAZARDS/ REMARKS loactive Material at concentrations	PRESER	VATION	None			,
DL=Drum Liquids DS=Drum	transportation	nay not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Mor	nths'		
Solids L=Liquid O≃Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	'Split S Liner	Spoon		
S=Soil SE=Sediment			NO. OF CON	ITAINER(S)	1			
T=Tissue V=Vegetation W=Water			· VOL	UME	10000	9		
WI=Wipe X=Other		HANDLING AND/OR STORAGE E TIE TO: B25DT2	SAMPLE A	ANALYSIS	KD - B	atch;		
SAMPL	E NO	MATRIX*	SAMPLE DATE	SAMPLE TIME				:
	E NO.							,
B27933		SOIL	9-21-10	1357	-			

CHAIN OF POSSESS	SION	SIGN/ PRINT NAMES	1	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R AR. Aguilar RELINQUISHED BY/R	SEP 2 9 ZONE TIME	RECEIVED BY/STORED IN M. A. White Maulita SEP RECEIVED BY/STORED IN SSU-R1 RECEIVED BY/STORED IN SEP 2 9 RECEIVED BY/STORED IN SEP 2 9 RECEIVED BY/STORED IN	DATE/TIME 2 1 2010 /5 30 DATE/TIME 2 1 2010 /600 DATE/TIME 2 2010 (355) DATE/TIME 010 045/TIME	ORIGIN	
RELINQUISHED BY/R	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	1		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

DATA TURNAROUND

45 Days / 45 Days

F10-162-070

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

CH2	MHill Plateau	Remediation Company		CHAIN OF	CUSTOD	Y/SAMPLE ANALYSIS RE	QUEST	
COLLECTOR ROSANE	list Kay	us Higurea	COMPANY CONT DYEKMAN, DL	ACT		EPHONE NO. 73-2530	PROJE	
SAMPLING L C7654 (399-1	OCATION	and the same of th	PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Modeling Parameters - Soil					
ICE CHEST N	10.		HNF-N-50		10al Sample DEPTH 55.0-57.5	COA 30020		
SHIPPED TO Environmenta	al Sciences Labo	ratory	OFFSITE PROPE				N/A	
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS ioactive Material at concentrations	PRESER	VATION	None			
Liquids DS=Drum	transportation	nay not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Months			
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner		1	
S=Soil SE=Sediment T=Tissue			NO. OF CON	ITAINER(S)	1			
V=Vegetation W=Water			VOL	UME	1000g			
WI=Wipe X=Other	SPECIAL H	NANDLING AND/OR STORAGE	SAMPLE A	NALYSIS	KD - Batch;			
	, :				7			
SAMP	SAMPLE NO. MATRIX*			SAMPLE TIME	E 2- 11			
B27F36		SOIL	2-24-10	0843	1			

CHAIN OF POSSESS	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS ** The 300 Area S&GPP Char	racterization and Monitoring Sampling and
RELINQUISHED BY/RELINQUISHED B	EMOVED FROM AUG 3 0 EMOVED FROM AUG 3 1 EMOVED FROM EMOVED FROM	DATE/TIME 24-10/6:35 DATE/TIME 2010 1330 DATE/TIME DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME 8 24 /0 /6:30 DATE/TIME 3 0 2010 DATE/TIME B/30/10 /400 DATE/TIME DATE/TIME	Analysis GKI applies to this SA RM# 1350	
RELINQUISHED BY/R	EMOVED 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

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

COA 300204ES10 PAGE 1 OF 1

DATA

TURNAROUND

CH2	MHill Plateau Remediation Company	CHAIN OF	CUS	TODY/SAMPLE ANALYSIS	REQUEST	F
COLLECTOR RESAME RIST KAMES HIGHER		COMPANY CONTACT DYEKMAN, DL		TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	P
SAMPLING L C7654 (399-1		PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Mode	ling Pa	arameters - Soil	SAF NO. F10-162	A
ICE CHEST N	0.	FIELD LOGBOOK NO. HNF-N-503-2 pg	11	67.2 - 69.7	COA 300204ES10	G
SHIPPED TO Environmenta	al Sciences Laboratory	OFFSITE PROPERTY NO.			BILL OF LADING/AIR BILL	NO.
MATRIX* A=Air DL=Drum	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations	PRESERVATION	None			
Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME 6 Mont		nths		
Solids L=Liquid O=Oil	Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)		Split S Liner	Spoon		
S=Soil SE=Sediment T=TIssue		NO. OF CONTAINER(S)	1	-		
V=Vegetation W=Water		VOLUME	1000g			
WI=Wipe . X=Other	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	KD - Ba	atch;		
,		. ,				-7

SAMPLE DATE SAMPLE TIME

8-24-10

SAMPLE NO.

B27F37 `

MATRIX*

SOIL

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIA	AL INSTRUCTIONS	
RELINQUISHED BY/F	EMOVED FROM DATE EMOVED FROM AUG 3 0 2010 EMOVED FROM DATE EMOVED FROM DATE EMOVED FROM DATE EMOVED FROM DATE EMOVED FROM DATE	TIME RECEIVED BY/STORED IN		The 300 Area S&GRP Characterization and Monitoring Sampling all ysis GKI applies to this SAF. BRM # 13564 ORIGINAL	nd
LABORATORY SECTION	RECEIVED BY		TITLE	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSE	SED BY DATE/TIME	

F10-162-080

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT GOVERNMENT VEHICLE

8N

PAGE 1 OF 1

DATA

TURNAROUND 45 Days / 45 Days

CH2	MHill Plateau Remediation Company	CHAIN	OF CUSTO	DY/SAMPLE ANALYSIS R	EQUEST	F10-162-081	
ROSANE K	Ost Bellingley	COMPANY CONTACT DYEKMAN, DL	T	ELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N	
SAMPLING LOCATION C7654 (399-1-55); I-021 ICE CHEST NO.		PROJECT DESIGNATION 300-FF-5 RI/FS - Geochemical Modeling Parameters - Soil			SAF NO. F10-162	AIR QUALITY	
		FIELD LOGBOOK NO. HNF-N-503-2 pg		CTUAL SAMPLE DEPTH	COA 300204ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Environmenta	l Sciences Laboratory	OFFSITE PROPERTY NO.			BILL OF LADING/AIR BILL NO. N/A		
MATRIX* A=Air DL=Drum	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations	PRESERVATION	None 6 Months				
Liquids DS=Drum Solids	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per	HOLDING TIME	Split Spo				
L=Liquid		NO. OF CONTAINER	Liner 1	2			
		VOLUME	1000g				
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE	E SAMPLE ANALYSIS		1)		•	

SAMPLE DATE SAMPLE TIME

MATRIX*

SOIL

SAMPLE NO.

B27F38

DISPOSITION

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R SSU-R1 RELINQUISHED BY/R M. A. White RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	EMOVED FROM B-26-10 1320 EMOVED FROM B-26-10 152 EMOVED FROM B-26-10 152 EMOVED FROM AUG 3 0 2010 123 EMOVED FROM DATE/TIME AUG 3 0 2010 1200 EMOVED FROM DATE/TIME EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN AUG 3 0	DATE/TIME BLESS (320 DATE/TIME L-10 \S JS DATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME DATE/TIME	** The 300 Area S&GRP Characterizate Analysis GKI applies to this SAF. ** The 300 Area S&GRP Characterizate Analysis GKI applies to this SAF. ** The 300 Area S&GRP Characterizate Analysis GKI applies to this SAF. ** ORIGINAL THE SAME AND THE SAME AN	SINAL
LABORATORY SECTION	RECEIVED BY	,		TITLE	DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

PAGE 1 OF 1

DATA TURNAROUND

CH2N	Hill Plateau	Remediation Company		CHAIN O	F CUSTOD	Y/SAMPLE ANALYSIS REC	QUEST
COLLECTOR RESEARCE RE	est Kaue	L Higurer	DYEKMAN, DL	TACT	1	EPHONE NO. 73-2530	PROJE
C7657 (399-1-	CATION		PROJECT DESIGNATION OF THE STATE OF T	NATION Geochemical Mode	eling Parame	eters - Soil	SAF N 6 F10-10
ICE CHEST NO	0.		HNF-N-503			48.5-51.0	COA 30020
SHIPPED TO Environmental	Sciences Labo	pratory	OFFSITE PROPE	RTY NO.			BILL C
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS lioactive Material at concentrations	PRESER	VATION	None	P.	4.6
Liquids DS=Drum	transportatio	may not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Month's		or 1 c
Solids L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner	2	•
S=Soll SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	1		
V=Vegetation W=Water			VOL	UME	1000g		
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	NALYSIS	KD - Batch;		
SAMPI	E NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B27JR5	-	SOIL	8-31-10	0809	1	,	

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		CIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	SEP 0 1 2010 1300 EMOVED FROM SEP 0 1 2010 1300 EMOVED FROM DATE/TIME OCLUS SEP 0 1 2010 /500 EMOVED FROM DATE/TIME EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN	1 2010 1545 P 0 1 2010 1300 DATE/TIME EP 0 1 2010 /500 DATE/TIME DATE/TIME	The 300 Area S&GRP Characterizations of the SAF. BRM # 13564 ORIGINAL	ation and Monitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		ТІТЬ	E	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISP	POSED BY	DATE/TIME
		6 2 1 - 21	- A		

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

SAF NO.

F10-162

COA 300204ES10 PAGE 1 OF 1

DATA TURNAROUND

CH2N	Hill Plateau	Remediation Company		CHAIN O	F CUSTOD	Y/SAMPLE ANALYSIS F	REQUEST	F10-162-084	
COLLECTOR Romo, Rus	ST. Hique	ra, Billingsley	COMPANY CONT DYEKMAN, DL	TACT		EPHONE NO. 73-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE	8N
C7655 (399-1	DCATION		PROJECT DESIGNATION OF THE STATE OF T	NATION Geochemical Mod	eling Param	eters - Soll	SAF NO. F10-162	AIR QUALITY	Υ 🗆
ICE CHEST N	0.		HUF-W-503-	-		10AL SAMPLE DEPTH	COA 300204ES10	METHOD OF S	
SHIPPED TO Environmenta	Sciences Labo	oratory	OFFSITE PROPE				BILL OF LADING/AIR BI	LL NO.	
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS lioactive Material at concentrations	PRESER	VATION	None				
Liquids . DS≖Drum	transportatio	hay not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	IG TIME	6 Months				
Solids L=Liquid O=Oil	DOE Order 5	ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner	3			
S=Soil SE=Sediment T=TIssue			NO. OF COM	NTAINER(S)	1				
V=Vegetation W=Water			VOL	UME	1000g		5		
WI=Wipe X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;	•			٠
-					. 7				7
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	TO STATE OF				
B27K57		SOIL	9-14-10	0739	1				

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIA	AL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	REMOVED FROM PARENO 9-14-16 0845 REMOVED FROM DATE/TIME DATE/TIME P-15-10 0930 REMOVED FROM DATE/TIME DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME ** T DATE/TIME O 9 1.5 DATE/TIME O 9 1.5 DATE/TIME DATE/TIME		terization and Monitoring Sampling and
RELINQUISHED BY/F	19-15-10 10:40 REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	9-15-10 10:40 DATE/TIME		
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORICI	NAT
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	OHIUI	LNAL)
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOS	ED BY	DATE/TIME

DATA TURNAROUND

CH2M	Hill Plateau	Remediation Company		CHAIN O	F CUSTODY	SAMPLE ANALYSIS RE	QUEST	F10-162-086	
COLLECTOR Ru	ST KAUS	- Higueta	COMPANY CONT DYEKMAN, DL	TACT		PHONE NO. 3-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8	N
SAMPLING LO C7655 (399-1-	CATION	, myana	PROJECT DESIG	NATION Geochemical Mod	eling Parame	ters - Soil	SAF NO. F10-162	AIR QUALITY	
ICE CHEST N			HNF-N- 5	(NO.	_	JAL SAMPLE DEPTH	COA 300204ES10	METHOD OF SHIPME GOVERNMENT VEHIC	
SHIPPED TO Environmental	Sciences Lab	oratory	OFFSITE PROPE	RTY NO.			BILL OF LADING/AIR BILL N/A	. NO.	
MATRIX* A=Air		SAMPLE HAZARDS/ REMARKS dioactive Material at concentrations	PRESER	VATION	None				, ,
DL=Drum Liquids DS=Drum	that may or transportation	may not be regulated for on per 49 CFR / IATA Dangerous	HOLDIN	IG TIME	6 Months				
Solids L=Liquid O=Oil		lations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spoon Liner			1 .	
S=Soil SE=Sediment			NO. OF CON	ITAINER(S)	1				
T=Tissue V=Vegetation W=Water			VOL	UME	1000g				
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;				. •
2								T .	
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME					
B27ML3		SOIL	9-15-10	1152	/				

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRU		•
RELINQUISHED BY/R	PoberteRomo 9-15-10 1300	RECEIVED BY/STORED IN MAWLITY MAWS	Analysis GKI	Area S&GRP Characterization and M applies to this SAF.	onitoring Sampling and
MAUNT THE RELINQUISHED BY RELINQUISHED BY RE	emoved from DATE/TIME	RECEIVED BY STORED IN BEAN I WAS ELEMAN RECEIVED BY STORED IN	9-15-10 14-20 DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	'DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	1 Aprovi	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	URIGINAL	
RELINQUISHED BY/R	EMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		TITLE		DATE/TIME
FINAL SAMPLE	DISPOSAL METHOD		DISPOSED BY		DATE/TIME

DISPOSITION

PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN O	F CUSTO	ODY/SAMPLE ANALYSIS REC	QUEST	F10-162-089	PAG	E 1 OF	1
COLLECTOR ROSANE K	0/	n Higuna	DYEKMAN, DL	TACT	1	TELEPHONE NO. 373-2530	PROJECT COORDINATOR DYEKMAN, DL	PRICE CODE 8N		DATA	_
C7660 (399-	LOCATION		PROJECT DESIGNATION OF THE PROJECT DESIGNATION O	NATION Geochemical Mod	leling Par	ameters - Soil	SAF NO. F10-162	AIR QUALITY		45 Days Days	
ICE CHEST	NO.		FIELD LOGBOOM			35.5 - 38.0	COA 300204ES10	METHOD OF SHIPMEN GOVERNMENT VEHICLE			,
SHIPPED TO Environment	tal Sciences Lab	poratory	N/A	RTY NO.			BILL OF LADING/AIR BILL P	NO.			
MATRIX* A=Air DL=Drum	Contains Ra	E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	VATION	None 6 Month			the state of		m* =	
Liquids DS=Drum Solids	transportati Goods Regu	may not be regulated for on per 49 CFR / IATA Dangerous ulations but are not releasable per		IG TIME	Split Spo						
L=Liquid O=Oll S=Soll SE=Sediment	DOE Order	5400.5 (1990/1993)		ONTAINER NTAINER(S)	Liner 1	2					
T=Tissue V=Vegetation W=Water				UME	1000g						
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE /	ANALYSIS	KD - Bato	h; .				٠	
								· · · · · · · · · · · · · · · · · · ·	11.		•
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B27PL8	-	SOIL :	11-3-10	1208	-	-	* : :			_	. :

CHAIN OF POSSES	SION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	MOV D 4 2010 EMOVED FROM NOV D 4 2010 EMOVED FROM NOV D 4 2010 EMOVED FROM	DATE/TIME JOSO DATE/TIME JOSO DATE/TIME DATE/TIME DATE/TIME	RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	NOV 0 3 2010 163 NOV 0 4 2010 163 OV 0 4 2010 DATE/TIME 14130 DATE/TIME	** The 300 Area S&GRP Characterization Analysis GKI applies to this SAF. BRM# 13564 ORIGINAL	on and Monitoring Sampling and
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/R	EMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY		I.		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

СН2М	Hill Plateau	Remediation Company		CHAIN O	F CUSTO	DY/SAMPL	LE ANALYSIS R	EQUEST
COLLECTOR ROSSIE RU	st Kaun	Higuera	COMPANY CONT DYEKMAN, DL	ACT		373-2530	NO.	PROJE DYEKN
SAMPLING LO C7660 (399-2-	CATION		PROJECT DESIG 300-FF-5 RI/FS	NATION Geochemical Mode	eling Para	meters - Soi	II	SAF NO F10-16
ICE CHEST NO).	11.	HNF-N-		7 A	-	MPLE DEPTH	COA 30020
SHIPPED TO Environmental	Sciences Labo	oratory	OFFSITE PROPE					BILL O
MATRIX* A=Air DL=Drum		SAMPLE HAZARDS/ REMARKS loactive Material at concentrations	PRESER	VATION	None			
Liquids DS=Drum Solids	transportatio	nay not be regulated for n per 49 CFR / IATA Dangerous	HOLDIN	G TIME	'6 Months		4	
L=Liquid O=Oil		ations but are not releasable per 400.5 (1990/1993)	TYPE OF CO	ONTAINER -	Split Spoo	on		. "
S=Soll SE=Sediment T=Tissue			NO. OF CON	ITAINER(S)	1			
V=Vegetation W=Water WI=Wipe		>	VOL	UME	1000g			-
X=Other	SPECIAL I	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batch;			
SAMPL	E NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B27PM3		SOIL	11-4-10	0802	/	:		

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN NOV 0 4 2010 ATE/TIM RECEIVED BY/STORED IN NOV 0 4 2010 ATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM RECEIVED BY/STORED IN DATE/TIM	ORIGINAL ORIGINAL	
LABORATORY SECTION	RECEIVED BY	RECEIVED BY/STORED IN DATE/TIM	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD		DISPOSED BY	DATE/TIME

DATA TURNAROUND

45 Days / 45 Days

F10-162-091

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

DYEKMAN, DL

300204ES10

SAF NO.

F10-162

CH2	MHill Platea	u Remediation Company		CHAIN O	F CUST	ODY/SAMPLE ANALYSIS RE	QUEST
COLLECTOR	Rust &	lauer Higuera	COMPANY CONT RADLOFF, AW	ACT	1	376-4554	PROJEC
C7663 (399-	OCATION		PROJECT DESIG 300-FF-5 RI/FS -	NATION Geochemical Mode	eling Par	rameters - Soil	SAF NO F10-16
ICE CHEST N	10.		ANE-N-			47.0 - 49.5	COA 300204
SHIPPED TO Environment	al Sciences Lai	poratory	OFFSITE PROPE SEE PTR	RTY NO.			SEE PT
MATRIX* A=Air DL=Drum		E SAMPLE HAZARDS/ REMARKS adioactive Material at concentrations	PRESER	VATION	None		
Liquids DS=Drum Solids	transportat	may not be regulated for lon per 49 CFR / IATA Dangerous	HOLDIN	G TIME	6 Month	ns	
L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	TYPE OF CO	ONTAINER	Split Spo Liner	oon	
S=Soll SE=Sediment T=Tissue			NO. OF COM	ITAINER(S)	1		
V=Vegetation W=Water			VOL	UME	1000g		
WI=Wipe X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE A	ANALYSIS	KD - Batc	ch;	
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B27PM7		SOIL	12-1-10	0955	V		

CHAIN OF POSSES	SSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/F	REMOVED FROM REMOVED FROM REMOVED FROM REMOVED FROM REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN SSU-R1 RECEIVED BY/STORED IN M. A. White Control of the		** The 300 Area S&GRP Characte Analysis GKI applies to this SAF. BRM# 13 569 ORIGIN	rization and Monitoring Sampling and
LABORATORY SECTION	RECEIVED BY		-	1	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				DISPOSED BY	DATE/TIME

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

FEDERAL EXPRESS

8N

PROJECT COORDINATOR

BILL OF LADING/AIR BILL NO.

RADLOFF, AW

SAF NO. F10-162

SEE PTR

COA 300204ES10 PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau R	emediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST								
COLLECTOR	Lest Kan	er Higuser	COMPANY CONTA	ACT		TELEP 373-	HONE NO. 2530	PROJECT COORDINATOR DYEKMAN, DL	P		
SAMPLING L C7653 (399-1	OCATION		PROJECT DESIGN 300-FF-5 RI/FS -		eling P	aramete	rs - Soil	SAF NO. F10-162	-		
ICE CHEST N	O. NIA		HNF-N-503-		59	,	3.0-34.0	COA 300204ES10	M		
SHIPPED TO Environmenta	Il Sciences Labora	atory	OFFSITE PROPER					BILL OF LADING/AIR BIL N/A	L NO.		
MATRIX* A=Alr DL=Drum	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous		PRESERV	ATION	None			is the second			
Liquids . DS=Drum			HOLDING TIME 6 Months								
Solids L=Llquid O=Oil		ions but are not releasable per 00.5 (1990/1993)	TYPE OF CONTAINER			Spoon		**	•		
S=Soil SE=Sediment		1.5	NO. OF CON	TAINER(S)	1						
T=Tissue V=Vegetation W=Water			VOLUME 1000g								
WI=Wipe X=Other	SPECIAL HA	ANDLING AND/OR STORAGE	SAMPLE A	NALYSIS	KD - B	atch;					
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							

- 11-10-10

B282X3

SOIL

CHAIN OF POSSES	SION	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	- I M - U - I - C U I
RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R RELINQUISHED BY/R	LEMOVED FROM DATE/TIME NOV 1 1 2010 OVE LEMOVED FROM DATE/TIME NOV 1 1 2010 1331 LEMOVED FROM DATE/TIME NOV 1 1 2010 1331	RECEIVED BY/STORED IN SSU-R1 RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	DATE/TIME 0 2010 /G CO DATE/TIME NOV 1 1 2010 FOR NOV 1 1 2010 FOR DATE/TIME DATE/TIME	** The 300 Area S&GRP Characterization a Analysis GKI applies to this SAF. BRM \$ 13569 ORIGINAL	nd Monitoring Sampling and
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	UNION	
RELINQUISHED BY/F	REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	1		TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD			DISPOSED BY	DATE/TIME

F10-162-101

PRICE CODE

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

8N

PAGE 1 OF 1

DATA TURNAROUND

CH2	MHill Plateau	Remediation Company		CHAIN C	F CUS	TODY/S	AMPLE ANALYSIS REC	QUEST				F10-1	52-102		PAG	E 1	OF 1	
COLLECTOR ROSANCE &	2 1 2	er Higuera	DYEKMAN, DL	TACT		TELEPH 373-2	ONE NO.	PROJECT DYEKMAN		INATO	R	PRICE	CODE	8N		TUI	DATA	ND
SAMPLING L C7653 (399-1	OCATION	u. II gaus	PROJECT DESIGNATION OF THE STATE OF T	NATION - Geochemical Mod	leling P	arameters	s - Soil	SAF NO. F10-162				AIR Q	UALITY			45	Days / 4 Days	5
ICE CHEST N	o.		HNF-N-503		59		L SAMPLE DEPTH	COA 300204ES	10				D OF SHI					
SHIPPED TO Environmenta		poratory	OFFSITE PROPE					BILL OF L	ADING	/AIR B	ILL NO							
MATRIX* A=Air DL=Drum		DSSIBLE SAMPLE HAZARDS/ REMARKS Intains Radioactive Material at concentrations	PRESER	VATION	None													
Liquids DS=Drum	that may or may not be regulated for transportation per 49 CFR / IATA Dangerous	HOLDING TIME Split			6 Months			•										
L=Llquid O=Oil	D=OII			Split Spoon ' Liner 1												-		
S=Soll SE=Sediment T=Tissue	-		NO. OF COM	NTAINER(S)	1	-												
V=Vegetation W=Water WI=Wipe			VOL	UME	1000g									١.	,		; :	,
X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE /	ANALYSIS	KD - Ba	rocn;												
SAMP	LE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME														
B282X4		SOIL	11-10-10	1200	L													

	SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
NOV 1 2010 334	NOV 1 2010 330 PAGE/TIME NOV 1 2010 330 RECEIVED BY/STORED IN RECE		Analysis GKI applies to this SAF.	
FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL	
FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
ED BY	1	1	TITLE	DATE/TIME
AL METHOD			DISPOSED BY	DATE/TIME
FFF	FROM NOV 1 1 2010 7 1 1 2010 7 1 1 2010 7 1 1 2010 7 1 1 2010 7 1 1 2010 7	FROM DATE/TIME RECEIVED BY/STORED IN PROM DATE/TIME RECEIVED BY/STORED IN PROM DATE/TIME RECEIVED BY/STORED IN FROM DATE/TIME RECEIVED BY/STORED IN	SSU-R1 NOV 1:0 2010 1600 FROM DATE/TIME RECEIVED BY/STORED IN NOV 1:0 2010 1600 FROM NOV 1 1 2010 100 CM Ag un lar Cum Cull NOV 1 1 2010 000 FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME NOV 1 1 2010 1330 FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME FROM DATE/TIME RECEIVED BY/STORED IN DATE/TIME	SSU-R1 NOV 1.0 2010 16 CO FROM DATE/TIME RECEIVED BY/STORED IN NOV 1.2010 07/10 FROM NOV 1 2010 330 CM Ag u. law CM C

CH2	MHill Plateau	Remediation Company		CHAIN C	OF CUSTO	DDY/SAMPLE ANALYSIS RE	QUEST		F10-162-103	3	PAGE 1 OF 1
COLLECTOR ROSANIC RUST KOULL HIGHER SAMPLING LOCATION C7653 (399-1-54); I-019 ICE CHEST NO.		COMPANY CONTACT DYEKMAN, DL			TELEPHONE NO. 373-2530	2530 DYEKMAN, DL SAF NO. 510.153		PRICE CODE	8N	DATA TURNAROUND	
		PROJECT DESIG	NATION Geochemical Mod	ameters - Soil	AIR QUALIT			45 Days / 45 Days			
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			38,5 - 41.0	COA 300204ES10		METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO Environmenta		poratory	OFFSITE PROPE				BILL OF LADING/	AIR BILL NO).		
MATRIX* A=Air DL=Drum	A=Air		PRESER	VATION	None				. ,		
Liquids DS=Drum	transportati	or may not be regulated for tation per 49 CFR / IATA Dangerous	HOLDI	IG TIME	6 Months			• • •			
Solids L=Liquid O=Oil		ulations but are not releasable per 5400.5 (1990/1993)	· TYPE OF CO	ONTAINER	Split Spi Liner	oon			. `	•	
S=Soil SE=Sediment T=Tissue			NO. OF COM	NTAINER(S)	1						
V=Vegetation V:=Water WI=Wipe		•	VOL	UME	1000g				·		
X=Other	SPECIAL	HANDLING AND/OR STORAGE	SAMPLE	ANALYSIS	KD - Ball						
SAME	PLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B282X5		SOIL	11-10-10	1327	V						

CHAIN OF POSSESSI	ON		SIGN/ PRINT NAMES		SPECIAL INSTRUCTION		and Manitarina Campling and
RELINQUISHED BY/REM SSU-R1 RELINQUISHED BY/REM RELINQUISHED BY/REM RELINQUISHED BY/REM	MOVED FROM	DATE/TIME NOV 1 1 2010 07 10 DATE/TIME NOV 1 1 2010 [3350] DATE/TIME	RECEIVED BY/STORED IN SSU-R.1 RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN	NOV 1 0 2010 DATE/TIME NOV 1 1 2010 DATE/TIME NOV 1 1 2010 DATE/TIME NOV 1 1 2010 DATE/TIME	Analysis GKI applie		and Monitoring Sampling and
RELINQUISHED BY/REM	MOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIM		ORIGINAL	
RELINQUISHED BY/REM	MOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIM		ORIUIIAL	
RELINQUISHED BY/REM	MOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIM			
LABORATCIRY SECTION	RECEIVED BY				TITLE		DATE/TINE
FINAL SAMPLE	DISPOSAL METH	HOD			DISPOSED BY		DATE/TIME

DISPOSITION