

1213326

[0093088]

SAF-RC-211
100-IU-2 & 100-IU-6 Miscellaneous
Restoration Sites Near 100-F –
Soil In-Process
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt

H4-21

KW 4/16/12
INITIAL/DATE

COMMENTS:

SDG MA04854

SAF-RC-211

Rad only

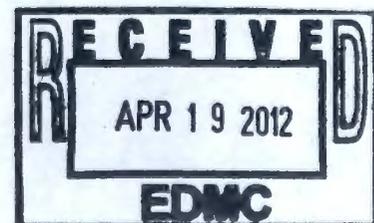
Chem only

Rad & Chem

Complete

Partial

Sample Location: 600-318 Area 2
600-386



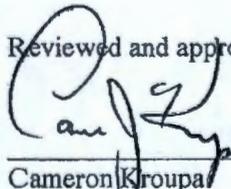
Asbestos PLM Cover Sheet

Sample Date: April 10, 2012
Receipt Date: April 10, 2012
Reporting Date: April 12, 2012
SDG #: MA04854
SAF#: RC-211
Data Deliverable: 7 Day Turn

Customer Sample Number	Laboratory Sample Number	Analytical Batch Identification	Sample Matrix
JIN3K6	MRW8X	2102153	SOIL
JINPH9	MRW80	2102153	SOIL

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

Reviewed and approved:



Cameron Kroupa
Project Management Assistant

We certify that the following samples were prepared by Polarized Light Microscopy for asbestos and other fibrous constituents using TestAmerica's procedure, RL-ASB-002. The samples were acceptable upon receipt except where noted. Mountings of fibers observed and representative portions of the material were prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the portions of materials analyzed and are summarized on the attached Asbestos PLM analysis data sheet. TestAmerica will dispose of all bulk samples after 60 days unless other arrangements are made.

*Some samples may contain fibers that are not visible by PLM and can only be discovered by electron microscopy techniques.

**TA Richland
Asbestos PLM**

Analyst:	D. Petty	SOP Information	Method	Batch #	2102153
Analyst Signature:		RL-ASB-002	NIOSH 9002	SDG #	MA04854
Date:	4/11/12	Revision 2			
Macroscopic examination					
Sample ID	MRW8X1AA	MRW801AA			
Client ID	J1N3K6'	J1NPH9'			
Sample Description	sand	sand			
Homogeneous	Y	Y			
Color	black/yellow	brown			
% Visible Fibers	0	TRA			
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND			
% Amosite	ND	ND			
% Crocidolite	ND	ND			
% Tremolite	ND	ND			
% Actinolite	ND	ND			
% Anthophyllite	ND	ND			
% Total Asbestos	ND	ND			
Other Materials					
% Cellulose	ND	ND			
% Glass Fibers	ND	TRA			
% Other fibers	ND	TRA			
% Non-fibrous	100	100			

Comments:

Note: "ND" stands for "None Detected". "TRA" stands for "<1%"

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-211-041	Page 1 of 1	
Collector Moore, BR		Company Contact Joan Kessner		Telephone No. (509) 375-4688		Project Coordinator KESSNER, JH		
Project Designation 100-IU-2 & 100-IU-6 Miscellaneous Restoration Sites Near I		Sampling Location 600-318 Area 2		SAF No. RC-211		Price Code 8C Data Turnaround 7 Days		
Ice Chest No. NA		Field Logbook No. EL-1651-02		COA 0603188100		Method of Shipment Hand Deliver		
Shipped To Test America Richland (IH)		Offsite Property No. NA		Bill of Lading/Air Bill No. NA				
POSSIBLE SAMPLE HAZARDS/REMARKS None			Preservation	None				
Special Handling and/or Storage None			Type of Container	P				
JAD100492			No. of Container(s)	1				
			Volume	250mL				
MAD4854 Due 4-17-12			SAMPLE ANALYSIS		Asbestos-Bulk - NIOSH 9002			
Sample No.	Matrix *	Sample Date	Sample Time					
J1N3K6 MBW8X	SOIL	4-10-12	0840	X				
CHAIN OF POSSESSION				SPECIAL INSTRUCTIONS			Matrix *	
Relinquished By/Removed From Brandt Moore		Date/Time 4-10-12 1000		Received By/Stored In Ken Russell		Date/Time 4-10-12 1000		S=Soil SE=Soilment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue WI=Wipe L=Liquid V=Vegetation X=Other
Relinquished By/Removed From Ken Russell		Date/Time 4-10-12 1400		Received By/Stored In Cynthia Bingham		Date/Time 4-10-12 1400		
Relinquished By/Removed From Cynthia Bingham		Date/Time 4-10-12 1615		Received By/Stored In TALR		Date/Time 4-10-12 1615		
Relinquished By/Removed From Cynthia Bingham		Date/Time 4-10-12 1615		Received By/Stored In Cameron Kraysa		Date/Time 4-10-12		
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		
LABORATORY SECTION		Received By		Title		Date/Time		
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time		



Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-211-054		Page 1 of 1	
Collector Moore, BR		Company Contact Joan Kessner		Telephone No. (509) 375-4688		Project Coordinator KESSNER, JH		Price Code 8C Data Turnaround 7 Days	
Project Designation 100-IU-2 & 100-IU-6 Miscellaneous Restoration Sites Near 1		Sampling Location 600-386		SAF No. RC-211					
Ice Chest No.		Field Logbook No. EL-1651-03		COA 0IU386M000		Method of Shipment FedEx			
Shipped To Test America Richland (IH)		Offsite Property No. NA		Bill of Lading/Air Bill No. See OSPC					
POSSIBLE SAMPLE HAZARDS/REMARKS None			Preservation	None					
Special Handling and/or Storage None			Type of Container	P					
J2D100492			No. of Container(s)	1					
			Volume	250mL					
MAD4854 Due 4-17-12			SAMPLE ANALYSIS	Asbestos- Bulk - NIOSH 9002					
Sample No.	Matrix *	Sample Date	Sample Time						
J1NPH9	MRW50	4-10-12	0753	X					
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS				Matrix *	
Relinquished By/Removed From Brand Moore		Date/Time 4-10-12 1000		Received By/Stored In Jen Russell		Date/Time 4-10-12 1000		 <ul style="list-style-type: none"> S=Soil SB=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue WI=Wipe L=Liquid V=Vegetation X=Other 	
Relinquished By/Removed From Jen Russell		Date/Time 4-10-12 1400		Received By/Stored In C. Bingham		Date/Time 10/6/11			
Relinquished By/Removed From C. Bingham		Date/Time 10/6/11		Received By/Stored In TALP		Date/Time 4-10-12 1615			
Relinquished By/Removed From C. Bingham		Date/Time 4-10-12 1615		Received By/Stored In C. P. Carson		Date/Time Kromp			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
LABORATORY SECTION		Received By		Title		Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			