

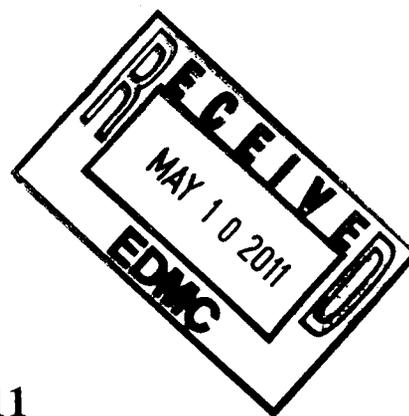
**SAF-RC-211**  
**100-IU-2 & 100-IU-6 Miscellaneous**  
**Restoration Sites Near 100-F –**  
**Soil In-Process**  
**FINAL DATA PACKAGE**

**COMPLETE COPY OF DATA PACKAGE TO:**

Kathy Wendt

H4-21

KW 5/3/11  
INITIAL/DATE



**COMMENTS:**

**SDG MA02023**

**SAF-RC-211**

Rad only

Chem only

Rad & Chem

Complete

Partial

**Sample Location: 100-IU-2/6 600-298**

Asbestos PLM  
Cover Sheet

Sample Date: March 24, 2011  
Receipt Date: March 24, 2011  
Reporting Date: April 25, 2011  
SDG #: MA02023  
SAF#: RC-211  
Data Deliverable: 7 Day Turn



Customer Sample Number	Laboratory Sample Number	Analytical Batch Identification	Sample Matrix
J1FXW3	MF6CQ	1115169	SOIL
J1FXW4	MF6NA	1115169	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:

  
Dennis O'Neill  
Project Manager

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.

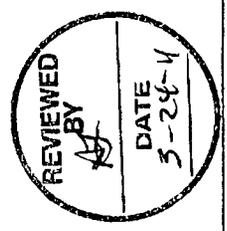
\*Some samples may contain fibers that are not visible by PLM and can only be discovered by electron microscopy techniques.

TA Richland  
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	1115169
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA02023
Date:	4/25/11	Revision 2			
Sample ID	MF6CQ1AA	MFGNA1AA			
Client ID	J1FXW3	J1FXW4			
<b>Macroscopic examination</b>					
Sample Description	soil	soil			
Homogeneous	Y	Y			
Color	brown	brown			
% Visible Fibers	0	0			
<b>PLM Analysis</b>					
<b>Asbestiform Minerals</b>					
% Chrysotyle	ND	ND			
% Amosite	ND	ND			
% Crocidolite	ND	ND			
% Tremolite	ND	ND			
% Actinolite	ND	ND			
% Anthophyllite	ND	ND			
<b>% Total Asbestos</b>	<b>ND</b>	<b>ND</b>			
<b>Other Materials</b>					
% Cellulose	ND	ND			
% Glass Fibers	ND	1			
% Other fibers	1	TRA			
% Non-fibrous	99	99			

**Comments:**

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

<b>Washington Closure Hanford</b>		<b>CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST</b>		RC-211-015	Page 1 of 1
Collector OJEDA, AJ	Company Contact Jen Russell	Telephone No. (509) 540-6502	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 100 IU 2/6 600-298	Field Logbook No. EL-1651	SAF No. RC-211	Method of Shipment Hand Deliver	
Ice Chest No. NA	COA 0IU22DY000	Offsite Property No. NA	Bill of Lading/Air Bill No. NA		
<b>Shipped To</b> Test America Richland (IH)					
<b>POSSIBLE SAMPLE HAZARDS/REMARKS</b> <i>None SDF# MAC 2023 Lot # J1C240645 Due 3-31-11</i>					
<b>SAMPLE ANALYSIS</b>					
Sample No.	Matrix *	Sample Date	Sample Time	Name	
J1FXW3	SOIL	3-24-11	1345	P	
J1FXW4	SOIL	3-24-11	1330	1	
J1FXW5	SOIL			250ml	
J1FXW6	SOIL			Asbestos-Bulk - NIOSH 9002	
J1FXW7	SOIL				
 <b>J1C240645</b>					
<b>CHAIN OF POSSESSION</b>					
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	Matrix *	
<i>A. Torres</i>	3/24/11 1349	<i>Jen Russell</i>	3/24/11 1349	S=Soil	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	SL=Sediment	
<i>Jen Russell</i>	3/24/11 1525	<i>J-E Beck</i>	3-24-11	SO=Solid	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	SP=Sludge	
<i>J-E Beck</i>	3-24-11	<i>Cammy</i>	3-24-11	W=Water	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	O=Oil	
		<i>TAK</i>	1645	A=Air	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	DS=Drum Spills	
		<i>Cammy</i>	3-24-11	DL=Drum Leaks	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	T=Traps	
				W=Liquid	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	V=Vegetation	
				X=Other	
<b>SPECIAL INSTRUCTIONS</b>					
					
LABORATORY SECTION				Title	
FINAL SAMPLE DISPOSITION				Date/Time	
Disposal Method				Date/Time	
Received By				Disposed By	