

**SAF-RC-006**  
**100-N Area D4 – Other**  
**FINAL DATA PACKAGE**

**COMPLETE COPY OF DATA PACKAGE TO:**

Bill Rodgers

X9-08

KW 10/31/12  
INITIAL/DATE

**COMMENTS:**

**SDG MA05754**

**SAF-RC-006**

Rad only

Chem only

Rad & Chem

Complete

Partial

**Waste Site(s): 1724-N**

## Asbestos PLM Cover Sheet

Sample Date: October 24, 2012  
Receipt Date: October 24, 2012  
Reporting Date: October 31, 2012  
SDG #: MA05754  
SAF#: RC-006  
Data Deliverable: 7 Day Turn

Customer Sample Number	Laboratory Sample Number	Analytical Batch Identification	Sample Matrix
J1R475	MW4DW	2301011	OTHER

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 #	2301011
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA05754
Date:	10/30/12	Revision 2			
<b>Macroscopic examination</b>					
Sample ID	MW4DW1AA				
Client ID	J1R475				
Sample Description	<u>Multiple Layer Sample: cellophane</u>	<u>Multiple Layer Sample: tar paper with fiber mesh</u>	TOTAL SAMPLE *		
Homogeneous	Y	N	N		
Color	transparent	black	black/transparent		
% Visible Fibers	0	15	13		
<b>PLM Analysis</b>					
<b>Asbestiform Minerals</b>					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
<b>% Total Asbestos</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>		
<b>Other Materials</b>					
% Cellulose	ND	7	5		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	93	95		

**Comments:**

**\* The sample contains 2 distinct homogeneous layers which were analyzed and reported separately.  
The total asbestos content (calculated as weighted average) of the sample is reported as well.**

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

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-006-375	Page 1 of 1
Collector <i>J. DeLass</i>	Company Contact Bill Rodgers	Telephone No. 206.251.7439		Project Coordinator KESSNER, JH		Price Code 9K	Data Turnaround <b>7 Days</b>
Project Designation 100-N Area D4 - Other		Sampling Location 1724-N		SAF No. RC-006			
Ice Chest No. <i>NA</i>	Field Logbook No. EL-1516-21	COA RD4MXX2F00		Method of Shipment Hand Deliver			
Shipped To Test America Richland (IH)		Offsite Property No. <i>NA</i>		Bill of Lading/Air Bill No. <i>NA</i>			
POSSIBLE SAMPLE HAZARDS/REMARKS <i>ASBESTOS</i>				Preservation None			
Special Handling and/or Storage				Type of Container G/P			
				No. of Container(s) 1			
				Volume 5g			
<i>J2J4 10-24-12</i>							
<i>J2J240449</i>				Asbestos-Bulk - NIOSH 9002			
<i>MA05154</i>							
<i>Due SA 10-31-12</i>							
<i>10-24-12</i>							
Sample No.	Matrix *	Sample Date	Sample Time				
J1R475 <i>MUD</i>	OTHER	<i>10-24-12</i>	<i>1015</i>	<i>X</i>			
J1R476	OTHER						
J1R477 <i>WHT</i>	OTHER						
J1R478 <i>10-21-12</i>	OTHER						
CHAIN OF POSSESSION				Sign/Print Names		SPECIAL INSTRUCTIONS	
Relinquished By/Removed From <i>James Rodgers</i>	Date/Time <i>10-24-12 1300</i>	Received By/Stored In <i>WHR</i>	Date/Time <i>10-24-12 1300</i>	 <b>J2J240449</b> 		Matrix * S=Soil SE=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 <i>WHR</i>	Date/Time <i>10-24-12 1430</i>	Received By/Stored In <i>WHR</i>	Date/Time <i>10-24-12 1430</i>				
Relinquished By/Removed From <i>WHR</i>	Date/Time <i>10-24-12 1535</i>	Received By/Stored In <i>WHR</i>	Date/Time <i>10-24-12 1535</i>				
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				
LABORATORY SECTION	Received By	Title		Date/Time			
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By		Date/Time			