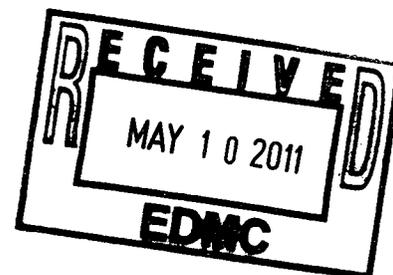


**SAF-RC-040**  
**300 Area D4 Waste Characterization**  
**Sampling - Other Solid**  
**FINAL DATA PACKAGE**

COMPLETE COPY OF DATA PACKAGE TO:

No Distribution Required

KW 5/3/11  
INITIAL/DATE



COMMENTS:

**SDG MA02093**

**SAF-RC-040**

Rad only

Chem only

Rad & Chem

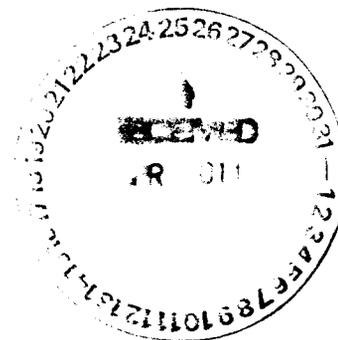
Complete

Partial

Sample Location/Waste Site: Building 308 / 154 SM

## Asbestos PLM Cover Sheet

Sample Date: April 5, 2011  
 Receipt Date: April 6, 2011  
 Reporting Date: April 25, 2011  
 SDG #: MA02093  
 SAF#: RC-040  
 Data Deliverable: 7 Day Turn



Customer Sample Number	Laboratory Sample Number	Analytical Batch Identification	Sample Matrix
J1H1K6	MGM3H	1111239	OTHER SOLID
J1H1K7	MGM3J	1111239	OTHER SOLID
J1H1K8	MGM3K	1111239	OTHER SOLID
J1H1K9	MGM3L	1111239	OTHER SOLID
J1H1L0	MGM3M	1111239	OTHER SOLID
J1H1L1	MGM3N	1111239	OTHER SOLID
J1H1L2	MGM3P	1111239	OTHER SOLID
J1H1L3	MGM3Q	1111239	OTHER SOLID
J1H1L4	MGM3R	1111239	OTHER SOLID

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.

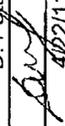
TA Richland  
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	1111239
Analyst Signature:	<i>D.P.</i>	RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA02093
Date:	4/22/11				
Sample ID	MGM3H1AA J1H1K6	MGM3J1AA J1H1K7	MGM3K1AA J1H1K8	MGM3L1AA J1H1K9	MGM3M1AA J1H1L0
Client ID	Macroscopic examination				
Sample Description	paint and wall	paint and wall	paint and wall	paint and wall	paint and wall
Homogeneous	N	N	N	N	N
Color	white	white	white	white	white
% Visible Fibers	2	2	TRA	0	0
<b>PLM Analysis</b>					
<b>Asbestiform Minerals</b>					
% Chrysotyle	TRA	TRA	TRA	TRA	TRA
% Amosite	ND	ND	ND	ND	ND
% Crocidolite	ND	ND	ND	ND	ND
% Tremolite	ND	ND	ND	ND	ND
% Actinolite	ND	ND	ND	ND	ND
% Anthophyllite	ND	ND	ND	ND	ND
<b>% Total Asbestos</b>	<b>TRA</b>	<b>TRA</b>	<b>TRA</b>	<b>TRA</b>	<b>TRA</b>
<b>Other Materials</b>					
% Cellulose	ND	ND	TRA	ND	ND
% Glass Fibers	ND	ND	ND	ND	ND
% Other fibers	2	2	ND	ND	ND
% Non-fibrous	98	98	100	100	100

**Comments:**

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

TA Richland  
Asbestos PLM

Analyst:	D. Peaty	SOP Information	Method	Batch #	1111239_2
Analyst Signature:		RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA02093
Date:	4/22/11				
Sample ID	MGM3N1AA J1H1L1'	MGM3P1AA J1H1L2'	MGM3Q1AA J1H1L3'	MGM3R1AA J1H1L4'	
Client ID	Macroscopic examination				
Sample Description	paint and wall	paint and wall	paint and wall	paint and wall	paint and wall
Homogeneous	N	N	N	N	N
Color	white	white	white	white	white
% Visible Fibers	1	0	0	0	0
<b>PLM Analysis</b>					
<b>Asbestiform Minerals</b>					
% Chrysotyle	ND	ND	TRA	TRA	TRA
% Amosite	ND	ND	ND	ND	ND
% Crocidolite	ND	ND	ND	ND	ND
% Tremolite	ND	ND	ND	ND	ND
% Actinolite	ND	ND	ND	ND	ND
% Anthophyllite	ND	ND	ND	ND	ND
<b>% Total Asbestos</b>	<b>ND</b>	<b>ND</b>	<b>TRA</b>	<b>TRA</b>	<b>TRA</b>
<b>Other Materials</b>					
% Cellulose	ND	ND	ND	ND	ND
% Glass Fibers	ND	ND	ND	ND	ND
% Other fibers	1	ND	ND	ND	ND
% Non-fibrous	99	100	100	100	100

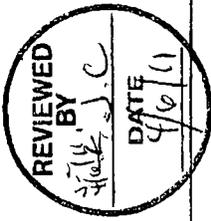
**Comments:**

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



Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-594	Page 2 of 2	
Collector Inions/Derosos/Replek / Parish	Company Contact Mike Stankovitch	Telephone No. 5094307142	Project Coordinator KESSNER, JH	Price Code 9K	Data Turnaround 7 Days			
Project Designation 300 Area D4 Waste Characterization Sampling - Other Solid	Sampling Location Building 308/154 SM		SAF No. RC-040					
Ice Chest No. NA	Field Logbook No. EL-1518-19	COA RD4MXX2F00	Method of Shipment Hand Deliver					
Shipped To Test America Richland (IH)	Offsite Property No. NA		Bill of Lading/Air Bill No. NA					
<b>POSSIBLE SAMPLE HAZARDS/REMARKS</b> <i>Asbestos Lead Cadmium, Chromium, Benzene and RAD.</i> <b>Special Handling and/or Storage</b> <i>None</i>								
SAMPLE ANALYSIS								
Sample No.	Matrix *	Sample Date	Sample Time	Preservation	None			
J1H1L0	OTHER SOLID	4/5/11	1017		G/P			
J1H1L1	OTHER SOLID		1020		1			
J1H1L2	OTHER SOLID		1023		60g			
J1H1L3	OTHER SOLID				Asbestos Bulk - NIOSH 9002			
J1H1L4	OTHER SOLID							
<b>CHAIN OF POSSESSION</b> Relinquished By/Removed From: <i>Jeff Parrish</i> Date/Time: <i>4/5-11</i> Relinquished By/Removed From: <i>Michael Reichenbach</i> Date/Time: <i>4/6/11</i> Relinquished By/Removed From: _____ Date/Time: _____ Relinquished By/Removed From: _____ Date/Time: _____ Relinquished By/Removed From: _____ Date/Time: _____ Relinquished By/Removed From: _____ Date/Time: _____								
<b>LABORATORY SECTION</b> Received By: _____ Disposal Method: _____				<b>SPECIAL INSTRUCTIONS</b> None				Title: _____ Date/Time: _____
<b>FINAL SAMPLE DISPOSITION</b> Disposed By: _____ Date/Time: _____				<b>Matrix *</b> S-Subl SE-Sediment SO-Solid SL-Sludge W - Water O-Oil A-Air DS-Dust Solids DL-Dioxin Lipids T-Fiber V-Vegetation L-Liquid X-Other				

SOC MA02093  
DWE 4-13-11



<b>Washington Closure Hanford</b>		<b>CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST</b>			RC-040-594	Page 2 of 2
Collector Inions/Deroos/Repko	Company Contact Mike Stankovich	Telephone No. 5094307142	Project Coordinator KESSNER, JH	Price Code 9K	Data Turnaround 7 Days	
Project Designation 300 Area D4 Waste Characterization Sampling - Other Solid	Sampling Location Building 308/154 SM	Field Logbook No. EL-1518-19	COA RD4MXXZF00	Method of Shipment Hand Deliver		
Ice Chest No. NA	Offsite Property No. NA	Bill of Lading/Air Bill No. NA				
Shipped To Test America Richland (IH)	<b>POSSIBLE SAMPLE HAZARDS/REMARKS</b>					
	Asbestos, Lead, Cadmium, Chromium, Benzene, Rab					
	Special Handling and/or Storage					
	None					
<b>SAMPLE ANALYSIS</b>						
Sample No.	Matrix *	Sample Date	Sample Time	Preservation	None	
J1H10	OTHER SOLID			Gp		
J1H11	OTHER SOLID			1		
J1H12	OTHER SOLID			60g		
J1H13	OTHER SOLID	4-6-11	0938	Asbestos- Bulk - NIOSH 9002		
J1H14	OTHER SOLID	↓	0943			
<b>CHAIN OF POSSESSION</b>						
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	Sign/Print Names		
James Debra	4-6-11 1300	WILLIAM M. STANKOVICH	4-6-11			
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time			
WILLIAM M. STANKOVICH	4/6/10 1620	Tommy J. Cameron	4-6-11			
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time			
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time			
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time			
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time			
<b>LABORATORY SECTION</b>				<b>SPECIAL INSTRUCTIONS</b>		
Received By	Title	None		SDG MA02093 DUE 4-13-11		
Disposal Method	Disposed By			