

SAF-RC-108
100-H Remaining Sites Burial Grounds –
Other
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21

KW 9/25/13
INITIAL/DATE

COMMENTS:

SDG MA07052

SAF-RC-108

Rad only

Chem only

Rad & Chem

Complete

Partial

Waste Site: 100-H-28:4

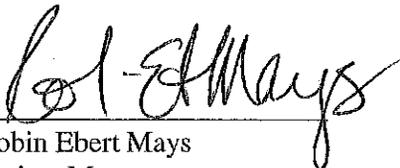
**Asbestos PLM
Cover Sheet**

Sample Date: September 18, 2013
Receipt Date: September 18, 2013
Reporting Date: September 19, 2013
SDG #: MA07052
SAF#: RC-108
Sampling Location: 100-H-28:4
Data Deliverable: 24 Hour Turn

Customer Sample Number	Laboratory Sample Number	Analytical Batch Identification	Sample Matrix
JIT1R5	M11HG	3262034	BULK

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:



Robin Ebert Mays
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:	R.Clark	SOP Information	Method	Batch #
Analyst Signature:		RL-ASB-002 Revision 5	NIOSH 9002	SDG # MA07052
Date:	9/19/13			
Sample ID	M11HG1AA			
Client ID	J113R5			
Macroscopic examination				
Sample Description	Multiple Layer Sample: Mat	Multiple Layer Sample: Tar	TOTAL SAMPLE *	
Homogeneous	Y	Y	N	
Color	Brown	Black	Brown, Black	
% Visible Fibers			40	
PLM Analysis				
Asbestiform Minerals				
% Chrysotyle	35	ND	17	
% Amosite	ND	ND	ND	
% Crocidolite	ND	ND	ND	
% Tremolite	ND	ND	ND	
% Actinolite	ND	ND	ND	
% Anthophyllite	ND	ND	ND	
% Total Asbestos	35	ND	17	
Other Materials				
% Cellulose	ND	ND	ND	
% Glass Fibers	ND	ND	ND	
% Other fibers	10	ND	5	
% Non-fibrous	55	100	78	

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

Page 1 of 1

Collector W. Sexsmith	Company Contact Joan Kessner	Telephone No. 375-4688	Project Coordinator KESSNER, JH	Price Code RC-108-048	Data Turnaround 24hr
Project Designation 100-H Field Remediation	Sampling Location 100-H-28.4	Field Logbook No. EL-1627-07	SAF No. RC-108	Method of Shipment Hand deliver	
Ice Chest No. NA	Offsite Property No. NA	COA 01H2842600	Bill of Lading/Air Bill No. NA		

Sample No.	Matrix	Sample Date	Sample Time	Preservation	Type of Container	No. of Container(s)	Volume	Sample Analysis
JT1R5 MILHS	OTHER	9/18/13	1004	None	GIP	1	60mL	Asbestos-Bulk - NIOSH 9002

POSSIBLE SAMPLE HAZARDS/REMARKS

NA

Special Handling and/or Storage

Cool to 4C

SPECIAL INSTRUCTIONS

J3I180444
MADROSA
Due 9-19-13



CHAIN OF POSSESSION		Sign/Print Names	
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
W. Sexsmith	9/18/13 1010	J. B. ...	9/18/13 1010
J. B. ...	9/18/13 1120	S. ...	9-18-13 1330
...
...
...

FINAL SAMPLE DISPOSITION

Disposal Method

WCH-EE-011