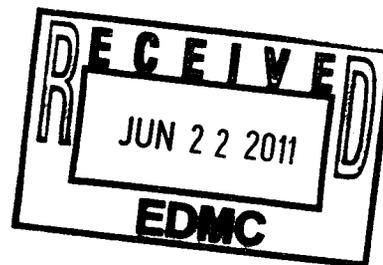


SAF-RC-107
100-H Remaining Sites Burial Grounds –
Soil Full Protocol
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21

KW 6/14/11
INITIAL/DATE



COMMENTS:

SDG MA02607

SAF-RC-107

Rad only

Chem only

Rad & Chem

Complete

Partial

Waste Site: 600-51 verification resampling

Asbestos PLM Cover Sheet

Sample Date: June 7, 2011
Receipt Date: June 7, 2011
Reporting Date: June 13, 2011
SDG #: MA02607
SAF#: RC-107
Data Deliverable: 7 Day Turn



Customer Sample Number	Laboratory Sample Number	Analytical Batch Identification	Sample Matrix
J1JDW1	MJ29E	1159170	SOIL
J1JDW2	MJ29F	1159170	SOIL
J1JDW3	MJ29G	1159170	SOIL
J1JDW4	MJ29H	1159170	SOIL
J1JDW5	MJ29J	1159170	SOIL
J1JDW6	MJ29K	1159170	SOIL
J1JDW7	MJ29L	1159170	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.

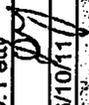
TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	1159170
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA02607
Date:	6/10/11				
Sample ID	MJ29E1AA	MJ29F1AA	MJ29G1AA	MJ29H1AA	MJ29J1AA
Client ID	J1JDW1'	J1JDW2'	J1JDW3'	J1JDW4'	J1JDW5'
Macroscopic examination					
Sample Description	soil	soil	soil	soil	soil
Homogeneous	Y	Y	Y	Y	Y
Color	brown	brown	brown	brown	brown
% Visible Fibers	1	3	0	1	0
PLM Analysis					
Asbestiform Minerals					
% Chrysotile	ND	ND	ND	ND	ND
% 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
% Total Asbestos	ND	ND	ND	ND	ND
Other Materials					
% Cellulose	ND	ND	ND	ND	ND
% Glass Fibers	ND	ND	ND	ND	ND
% Other fibers	5	1	2	3	TRA
% Non-fibrous	95	99	98	97	100

Comments:

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

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	1159170_2
Analyst Signature:		RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA02607
Date:	6/10/11				
Sample ID	MJ29K1AA	MJ29L1AA			
Client ID	J1JDW6	J1JDW7			
Macroscopic examination					
Sample Description	soil	soil			
Homogeneous	Y	Y			
Color	brown	brown			
% Visible Fibers	2	1			
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	ND			
% Other fibers	TRA	3			
% Non-fibrous	100	97			

Comments:

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

Washington Closure Hanford
 Collector *Q Stone*
 Project Designation 100-H Remaining Sites Burial Grounds - Soil Full Protocol
 Ice Chest No. *NA*
 Shipped To Test America Richland (IH)
 POSSIBLE SAMPLE HAZARDS/REMARKS
 None
 Special Handling and/or Storage
 None

Company Contact Telephone No. 509-375-4688
 Project Coordinator KESSNER, JH
 SAF No. RC-107
 Method of Shipment (Government Vehicle) FedEx
 Bill of Lading/Air Bill No. *NA*
 Price Code *88*
 Data Turnaround *4/24*
 Days *7*
 RC-107-075 Page 1 of 2

SAMPLE ANALYSIS

Sample No.	Matrix *	Sample Date	Sample Time	Notes
J1JDW1	SOIL	6/7/11	0820	X
J1JDW2	SOIL	6/7/11	0835	X
J1JDW3	SOIL	6/7/11	0855	X
J1JDW4	SOIL	6/7/11	0910	X
J1JDW5	SOIL	6/7/11	1040	X

MS29E
MS29F
MS29G
MS29H
MS29J

CHAIN OF POSSESSION

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
<i>Q Stone</i>	6/7/11 1100	<i>JV Fullmer</i>	6/7/11
	1230		1230
<i>JV Fullmer</i>	6-7-11	<i>A. Freier</i>	6-7-11
<i>A. Freier</i>	6-7-11 1630	<i>Ryan</i>	6-7-11 1630

SPECIAL INSTRUCTIONS

REVIEWED
AP
6/7/11

Matrix *

- S-Soil
- SP-Sediment
- SO-Solid
- SP-Sludge
- W-Water
- O-Oil
- A-Air
- DP-Dust/Smoke
- DL-Dust/Liquid
- T-Tissue
- W-Waste
- L-Liquid
- V-Vegetation
- X-Other

Date/Time

Disposed By

Date/Time

Washington Closure Hanford RC-107-075 Page 2 of 2
 Date Turnaround **6/27/11**
21 Days

Collector **Q Stone** Price Code **88**
 Project Designation **100-H Remaining Sites Burial Grounds - Soil Full Protocol** Project Coordinator **KESSNER, JH**
 Company Contact **Joan Kessner** Telephone No. **509-375-4688** SAF No. **RC-107**
 Sampling Location **600-151 verification resampling** Method of Shipment **Government Vehicle FedEx**
 Ice Chest No. **N/A** Field Logbook No. **EL 1627-05** COA **0601512000** Bill of Lading/Air Bill No. **N/A**

Shipped To
 Test America Richland (IH)

POSSIBLE SAMPLE HAZARDS/REMARKS

None

Special Handling and/or Storage

None

SAMPLE ANALYSIS

Sample No.	Matrix *	Sample Date	Sample Time	Preservation	Notes
J1JDW6	SOIL	6/7/11	0955	GF	X
J1JDW7	SOIL	6/7/11	0940	GF	X

Volume: **250 ml / 500 ml**
 Adhesive: **Bulk - NIOSH 9002**

CHAIN OF POSSESSION

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Q Stone	6/7/11 1100	JV Fuller	6/7/11 1100
Q Stone	6/7/11 1230	A. Freier	6/7/11 1230
Q Stone	6-7-11 1630	A. Freier	6-7-11 1630

SPECIAL INSTRUCTIONS

REVIEWED BY *[Signature]*
DATE 6/27/11

LABORATORY SECTION Received By _____ Title _____

FINAL SAMPLE DISPOSITION Disposal Method _____ Date/Time _____

Disposed By _____ Date/Time _____