

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

COMPLETE COPY OF DATA PACKAGE TO:

No Distribution Required

KW 5/8/12
INITIAL/DATE

COMMENTS:

SDG MA04963 SAF RC-040

Rad only

Chem only

Rad & Chem

Complete

Partial

Sample Location/Waste Site: 3760 Asbestos Sampling

Asbestos PLM Cover Sheet

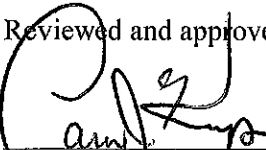
TestAmerica Laboratories, Inc.

Sample Date: April 30, 2012
 Receipt Date: May 1, 2012
 Reporting Date: May 8, 2012
 SDG #: MA04963
 SAF#: RC-040
 Data Deliverable: 7 Day Turn

Customer Sample Number	Laboratory Sample Number	Analytical Batch Identification	Sample Matrix
J1P1C2	MTAL6	2122136	OTHER SOLID
J1P1C3	MTAME	2122136	OTHER SOLID
J1P1C4	MTAMJ	2122136	OTHER SOLID
J1P1C5	MTAMM	2122136	OTHER SOLID
J1P1C6	MTAMP	2122136	OTHER SOLID
J1P1C7	MTAMR	2122136	OTHER SOLID
J1P1C8	MTAM0	2122136	OTHER SOLID
J1P1C9	MTAM3	2122136	OTHER SOLID
J1P1D0	MTAM5	2122136	OTHER SOLID
J1P1D1	MTAM6	2122136	OTHER SOLID
J1P1D2	MTAM7	2122136	OTHER SOLID
J1P1D3	MTAM8	2122136	OTHER SOLID
J1P1D4	MTANA	2122136	OTHER SOLID
J1P1D5	MTANC	2122136	OTHER SOLID
J1P1D6	MTAND	2122136	OTHER SOLID
J1P1D7	MTANE	2122136	OTHER SOLID
J1P1D8	MTANF	2122136	OTHER SOLID
J1P1D9	MTANH	2122136	OTHER SOLID
J1P1F0	MTANK	2122136	OTHER SOLID
J1P1F1	MTANN	2122136	OTHER SOLID
J1P1F2	MTANT	2122139	OTHER SOLID
J1P1F3	MTANW	2122139	OTHER SOLID
J1P1F4	MTANX	2122139	OTHER SOLID
J1P1F5	MTAN0	2122139	OTHER SOLID
J1P1F6	MTAN1	2122139	OTHER SOLID
J1P1F7	MTAN2	2122139	OTHER SOLID
J1P1F8	MTAN3	2122139	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:



Cameron Kroupa
Project Management Assistant

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 #	2122136
Analyst Signature:	<i>DP</i>	RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA04963
Date:	5/4/12				
Sample ID	MTAL61AA				
Client ID	J1P1C2				
Macroscopic examination					
Sample Description	Multiple Layer Sample: carpet	Multiple Layer Sample: fiber mesh and mastic	TOTAL SAMPLE *		
Homogeneous	Y	N	N		
Color	gray	beige/yellow	multi		
% Visible Fibers	100	97	98		
PLM Analysis					
Asbestiform Minerals					
% Chrysotile	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	ND	ND		
% Glass Fibers	ND	ND	ND		
% Other fibers	100	93	98		
% Non-fibrous	ND	7	2		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_2
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	1/5/12	Revision 2			
Sample ID	MTAME1AA				
Client ID	J1P1C3				
Macroscopic examination					
Sample Description	Multiple Layer Sample: carpet	Multiple Layer Sample: fiber mesh and mastic	TOTAL SAMPLE *		
Homogeneous	Y	N	N		
Color	gray	white/yellow	multi		
% Visible Fibers	100	97	98		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	ND	ND		
% Glass Fibers	ND	ND	ND		
% Other fibers	100	83	97		
% Non-fibrous	ND	17	3		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_3
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA04963
Date:	5/4/12				
Sample ID	MTAMJ1AA				
Client ID	J1P1C4				
Macroscopic examination					
Sample Description	<u>Multiple layer</u> sample: carpet	<u>Multiple layer</u> sample: rubber	<u>Multiple layer</u> sample: mastic	TOTAL SAMPLE *	
Homogeneous	Y	Y	Y	N	
Color	multi	black	yellow	multi	
% Visible Fibers	100	0	0	60	
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND	ND	
% Amosite	ND	ND	ND	ND	
% Crocidolite	ND	ND	ND	ND	
% Tremolite	ND	ND	ND	ND	
% Actinolite	ND	ND	ND	ND	
% Anthophyllite	ND	ND	ND	ND	
% Total Asbestos	ND	ND	ND	ND	
Other Materials					
% Cellulose	ND	ND	ND	ND	
% Glass Fibers	ND	ND	ND	ND	
% Other fibers	97	2	TRA	60	
% Non-fibrous	3	98	100	40	

Comments:

* The sample contains 3 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%"

TA Richland
Asbestos PLIM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_4
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA04963
Date:	5/4/12				
Sample ID	MTAMM1AA				
Client ID	J1P1C5				
Macroscopic examination					
Sample Description	Multiple Layer Sample: carpet	Multiple Layer Sample: fiber mesh and mastic	TOTAL SAMPLE *		
Homogeneous	Y	N	N		
Color	multi	beige/orange	multi		
% Visible Fibers	100	90	95		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	ND	ND		
% Glass Fibers	ND	ND	ND		
% Other fibers	99	80	95		
% Non-fibrous	1	20	5		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_5
Analyst Signature:	<i>DP</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID	MTAMP1AA				
Client ID	J1P1C6				
Macroscopic examination					
Sample Description	Multiple layer sample: mastic	Multiple layer sample: tile	Multiple layer sample: mastic	TOTAL SAMPLE *	
Homogeneous	Y	Y	Y	N	
Color	gray	yellow	orange	multi	
% Visible Fibers	0	0	0	0	
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND	ND	
% Amosite	ND	ND	ND	ND	
% Crocidolite	ND	ND	ND	ND	
% Tremolite	ND	ND	ND	ND	
% Actinolite	ND	ND	ND	ND	
% Anthophyllite	ND	ND	ND	ND	
% Total Asbestos	ND	ND	ND	ND	
Other Materials					
% Cellulose	ND	ND	ND	ND	
% Glass Fibers	ND	ND	ND	ND	
% Other fibers	ND	ND	TRA	TRA	
% Non-fibrous	100	100	100	100	

Comments:

* The sample contains 3 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%"

TA Richland
Asbestos PLM

Analyst: D Petty	SOP Information	Method	Batch #
Analyst Signature: <i>[Signature]</i>	RL-ASB-002	NIOSH 9002	2122136_6
Date: 5/4/12	Revision 2		SDG # MA04963
Sample ID	MTAMR1AA		
Client ID	J1P1C7		
Macroscopic examination			
Sample Description	Multiple Layer Sample: carpet	Multiple Layer Sample: rubber	TOTAL SAMPLE *
Homogeneous	Y	Y	N
Color	multi	brown	multi
% Visible Fibers	100	0	60
PLM Analysis			
Asbestiform Minerals			
% Chrysotyle	ND	ND	ND
% Amosite	ND	ND	ND
% Crocidolite	ND	ND	ND
% Tremolite	ND	ND	ND
% Actinolite	ND	ND	ND
% Anthophyllite	ND	ND	ND
% Total Asbestos	ND	ND	ND
Other Materials			
% Cellulose	ND	TRA	TRA
% Glass Fibers	ND	ND	ND
% Other fibers	100	TRA	TRA
% Non-fibrous	ND	100	100

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%"

TA Richland
Asbestos PLM

Analyst: D. Petty	SOP Information	Method	Batch #
Analyst Signature: <i>py</i>	RL-ASB-002	NIOSH 9002	2122136_7
Date: 5/4/12	Revision 2		SDG # MA04963
Sample ID MTAM01AA			
Client ID J1P1C8			
Macroscopic examination			
Sample Description	Multiple layer sample: carpet	Multiple layer sample: fiber mesh	Multiple layer sample: mastic
Homogeneous	Y	N	Y
Color	black/yellow	white	yellow
% Visible Fibers	100	98	0
PLM Analysis			
Asbestiform Minerals			
% Chrysotile	ND	ND	ND
% Amosite	ND	ND	ND
% Crocidolite	ND	ND	ND
% Tremolite	ND	ND	ND
% Actinolite	ND	ND	ND
% Anthophyllite	ND	ND	ND
% Total Asbestos	ND	ND	ND
Other Materials			
% Cellulose	TRA	ND	TRA
% Glass Fibers	ND	ND	ND
% Other fibers	100	90	TRA
% Non-fibrous	ND	10	100
			TOTAL SAMPLE *

Comments:

* The sample contains 3 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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_8
Analyst Signature:	<i>DP</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/1/12	Revision 2			
Sample ID					
Client ID					
Macroscopic examination					
Sample Description	Multiple layer sample: mastic	Multiple layer sample: wall	Multiple layer sample: mastic	TOTAL SAMPLE *	
Homogeneous	Y	Y	Y	N	
Color	gray	beige	orange	multi	
% Visible Fibers	0	0	0	0	
PLM Analysis					
Asbestiform Minerals					
% Chrysotile	ND	ND	ND	ND	
% Amosite	ND	ND	ND	ND	
% Crocidolite	ND	ND	ND	ND	
% Tremolite	ND	ND	ND	ND	
% Actinolite	ND	ND	ND	ND	
% Anthophyllite	ND	ND	ND	ND	
% Total Asbestos	ND	ND	ND	ND	
Other Materials					
% Cellulose	ND	ND	ND	ND	
% Glass Fibers	ND	ND	ND	ND	
% Other fibers	ND	ND	TRA	TRA	
% Non-fibrous	100	100	100	100	

Comments:

* The sample contains 3 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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_9
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID	MTAM51AA				
Client ID	J1P1D0'				
Macroscopic examination					
Sample Description	Multiple layer sample: carpet	Multiple layer sample: mastic	Multiple layer sample: wall	TOTAL SAMPLE *	
Homogeneous	Y	Y	Y	N	
Color	multit	yellow	beige	multi	
% Visible Fibers	100	0	0	80	
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND	ND	
% Amosite	ND	ND	ND	ND	
% Crocidolite	ND	ND	ND	ND	
% Tremolite	ND	ND	ND	ND	
% Actinolite	ND	ND	ND	ND	
% Anthophyllite	ND	ND	ND	ND	
% Total Asbestos	ND	ND	ND	ND	ND
Other Materials					
% Cellulose	ND	ND	ND	ND	
% Glass Fibers	ND	ND	ND	ND	
% Other fibers	100	TRA	TRA	80	
% Non-fibrous	ND	100	100	20	

Comments:

* The sample contains 3 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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_10
Analyst Signature:	<i>DP</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID: MTAM61AA					
Client ID: J1P1D1'					
Macroscopic examination					
Sample Description	Multiple Layer Sample: mastic	Multiple Layer Sample: wall	Multiple Layer Sample: mastic	Multiple Layer Sample: carpet	TOTAL SAMPLE *
Homogeneous	Y	Y	Y	Y	N
Color	gray	beige/black	yellow	gray	multi
% Visible Fibers	0	0	0	100	2
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	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	TRA	ND	ND	ND
% Other fibers	ND	ND	2	93	2
% Non-fibrous	100	100	98	7	98

Comments:

* The sample contains 4 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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_11
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID	MTAM71AA				
Client ID	J1P1D2'				
Macroscopic examination					
Sample Description	Multiple Layer Sample: molding	Multiple Layer Sample: mastic	TOTAL SAMPLE *		
Homogeneous	Y	Y	N		
Color	beige	white	beige/white		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	TRA	TRA	TRA		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_12
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID	MTAM81AA				
Client ID	J1P1D3'				
Macroscopic examination					
Sample Description	Multiple Layer Sample: tile	Multiple Layer Sample: mastic and paint	TOTAL SAMPLE *		
Homogeneous	Y	N	N		
Color	beige	orange/beige	beige/orange		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	TRA	TRA		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM


Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_13
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID	MTANA1AA				
Client ID	J1P1D4'				
Macroscopic examination					
Sample Description	Multiple Layer Sample: mastic	Multiple Layer Sample: wall	TOTAL SAMPLE *		
Homogeneous	Y	Y	N		
Color	gray	beige	gray/beige		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	ND	ND		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM

Analyst: D. Petty	SOP Information	Method	Batch #
Analyst Signature: 	RL-ASB-002	NIOSH 9002	2122136_14
Date: 5/4/12	Revision 2		SDG # MA04963
Sample ID: MTANC1AA			
Client ID: J1P1D5'			
Macroscopic examination			
Sample Description	Multiple Layer Sample: carpet	Multiple Layer Sample: rubber and mastic	TOTAL SAMPLE *
Homogeneous	Y	N	N
Color	multi	black	multi
% Visible Fibers	100	0	50
PLM Analysis			
Asbestiform Minerals			
% Chrysotyle	ND	ND	ND
% Amosite	ND	ND	ND
% Crocidolite	ND	ND	ND
% Tremolite	ND	ND	ND
% Actinolite	ND	ND	ND
% Anthophyllite	ND	ND	ND
% Total Asbestos	ND	ND	ND
Other Materials			
% Cellulose	ND	ND	ND
% Glass Fibers	ND	ND	ND
% Other fibers	100	TRA	50
% Non-fibrous	ND	100	50

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_15
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Macroscopic examination					
Sample ID	MTAND1AA				
Client ID	J1P1D6				
Sample Description	molding				
Homogeneous	Y				
Color	gray				
% Visible Fibers	0				
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND				
% Amosite	ND				
% Crocidolite	ND				
% Tremolite	ND				
% Actinolite	ND				
% Anthophyllite	ND				
% Total Asbestos	ND				
Other Materials					
% Cellulose	TRA				
% Glass Fibers	ND				
% Other fibers	ND				
% Non-fibrous	100				

Comments:

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

TA Richland
Asbestos PLM


Analyst:	J.D. Petty	SOP Information	Method	Batch #
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002 Revision 2	NIOSH 9002	2122136_16 SDG # MA04963
Date:	5/4/12			
Sample ID	MTANE1AA			
Client ID	J1P1D7			
Macroscopic examination				
Sample Description	Multiple Layer Sample: tile	Multiple Layer Sample: mastic	TOTAL SAMPLE *	
Homogeneous	Y	Y	N	
Color	beige	orange	beige/orange	
% Visible Fibers	0	0	0	
PLM Analysis				
Asbestiform Minerals				
% Chrysotile	ND	ND	ND	
% Amosite	ND	ND	ND	
% Crocidolite	ND	ND	ND	
% Tremolite	ND	ND	ND	
% Actinolite	ND	ND	ND	
% Anthophyllite	ND	ND	ND	
% Total Asbestos	ND	ND	ND	
Other Materials				
% Cellulose	ND	TRA	TRA	
% Glass Fibers	ND	ND	ND	
% Other fibers	TRA	ND	TRA	
% Non-fibrous	100	100	100	

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%"

TA Richland
Asbestos PLM


Analyst:	J.D. Petty	SOP Information	Method	Batch #	2122136_17
Analyst Signature:		RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID	MTANF1AA				
Client ID	J1P1D8'				
Macroscopic examination					
Sample Description	Multiple Layer Sample: tile	Multiple Layer Sample: mastic	TOTAL SAMPLE *		
Homogeneous	Y	Y	N		
Color	beige	beige	beige		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	TRA	TRA		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_18
Analyst Signature:		RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID MTANH1AA Client ID J1P1D9'					
Macroscopic examination					
Sample Description	Multiple layer sample: molding	Multiple layer sample: paper, mastic and paint	Multiple layer sample: wall	TOTAL SAMPLE *	
Homogeneous	Y	N	Y	N	
Color	gray	beige/white	white	multi	
% Visible Fibers	0	20	0	5	
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	2	ND	TRA	
% Amosite	ND	ND	ND	ND	
% Crocidolite	ND	ND	ND	ND	
% Tremolite	ND	ND	ND	ND	
% Actinolite	ND	ND	ND	ND	
% Anthophyllite	ND	ND	ND	ND	
% Total Asbestos	ND	2	ND	TRA	
Other Materials					
% Cellulose	TRA	2	TRA	TRA	
% Glass Fibers	ND	ND	ND	ND	
% Other fibers	TRA	ND	ND	TRA	
% Non-fibrous	100	96	100	100	

Comments:

* The sample contains 3 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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_19
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/4/12	Revision 2			
Sample ID MTANK1AA Client ID J1P1F0					
Macroscopic examination					
Sample Description	<u>Multiple Layer</u> <u>Sample: tile</u>	<u>Multiple Layer</u> <u>Sample: yellow</u>	TOTAL SAMPLE *		
Homogeneous	Y	Y	N		
Color	gray	yellow	gray/yellow		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	TRA	TRA		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122136_20
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA04963
Date:	3/4/12				
Sample ID	MTANN1AA				
Client ID	J1P1F1'				
Macroscopic examination					
Sample Description	Multiple Layer Sample: molding	Multiple Layer Sample: mastic	TOTAL SAMPLE *		
Homogeneous	Y	Y	N		
Color	red	white	red/white		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotile	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	TRA	TRA	TRA		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #
Analyst Signature:	<i>DP</i>	RL-ASB-002	NIOSH 9002	SDG #
Date:	5/7/12	Revision 2		MA04963
Sample ID				
Client ID				
Macroscopic examination				
Sample ID	MTANT1AA			
Client ID	J1P1F2'			
Sample Description	Multiple Layer Sample: tile	Multiple Layer Sample: mastic	TOTAL SAMPLE *	
Homogeneous	Y	Y	N	
Color	gray	black	gray/black	
% Visible Fibers	0	TRA	TRA	
PLM Analysis				
Asbestiform Minerals				
% Chrysotyle	ND	3	TRA	
% Amosite	ND	ND	ND	
% Crocidolite	ND	ND	ND	
% Tremolite	ND	ND	ND	
% Actinolite	ND	ND	ND	
% Anthophyllite	ND	ND	ND	
% Total Asbestos	ND	3	TRA	
Other Materials				
% Cellulose	TRA	TRA	TRA	
% Glass Fibers	ND	ND	ND	
% Other fibers	ND	TRA	TRA	
% Non-fibrous	100	97	100	

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122139_2
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002 Revision 2	NIOSH 9002	SDG #	MA04963
Date:	5/7/12				
Sample ID	MTANW1AA				
Client ID	J1P1F3				
Macroscopic examination					
Sample Description	tar				
Homogeneous	Y				
Color	black				
% Visible Fibers	TRA				
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	3				
% Amosite	ND				
% Crocidolite	ND				
% Tremolite	ND				
% Actinolite	ND				
% Anthophyllite	ND				
% Total Asbestos	3				
Other Materials					
% Cellulose	ND				
% Glass Fibers	ND				
% Other fibers	ND				
% Non-fibrous	97				

Comments:

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

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122139 3
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/7/12	Revision 2			
Sample ID: MTANX1AA					
Client ID: J1P1F4'					
Macroscopic examination					
Sample Description	Multiple Layer Sample: paper	Multiple Layer Sample: insulation	TOTAL SAMPLE *		
Homogeneous	Y	Y	N		
Color	orange	gray	orange/gray		
% Visible Fibers	90	10	93		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	24	5		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	24	5		
Other Materials					
% Cellulose	97	ND	90		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	3	76	5		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122139_4
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/7/12 <i>[Signature]</i>	Revision 2			
Sample ID	MITAN01AA				
Client ID	J1P1F5				
Macroscopic examination					
Sample Description	Multiple Layer Sample: tar and tile	Multiple Layer Sample: tile	TOTAL SAMPLE *		
Homogeneous	N	Y	N		
Color	black/red	white	multi		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	TRA	TRA		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	TRA	TRA		
Other Materials					
% Cellulose	TRA	ND	TRA		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Petty	SOP Information	Method	Batch #	2122139 5
Analyst Signature:	<i>DP</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/7/12	Revision 2			
Sample ID MTAN11AA					
Client ID J1P1F6					
Macroscopic examination					
Sample Description	<u>Multiple Layer</u> Sample: <u>tile</u>	<u>Multiple Layer</u> Sample: <u>mastic</u>	TOTAL SAMPLE *		
Homogeneous	Y	Y	N		
Color	gray	black	gray/black		
% Visible Fibers	0	0	0		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	TRA	TRA	TRA		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	ND	ND		
% Non-fibrous	100	100	100		

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%"

TA Richland
Asbestos PLM

Analyst:	J. D. Peity	SOP Information	Method	Batch #	2122139_6
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/7/12	Revision 2			
Sample ID	MTAN21AA				
Client ID	J1P1F7				
Macroscopic examination					
Sample Description	Multiple Layer Sample: <u>lynoleum</u>	Multiple Layer Sample: <u>paper and mastic</u>	TOTAL SAMPLE *		
Homogeneous	Y	N	N		
Color	gray	gray	gray		
% Visible Fibers	0	30	15		
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND		
% Amosite	ND	ND	ND		
% Crocidolite	ND	ND	ND		
% Tremolite	ND	ND	ND		
% Actinolite	ND	ND	ND		
% Anthophyllite	ND	ND	ND		
% Total Asbestos	ND	ND	ND		
Other Materials					
% Cellulose	ND	43	15		
% Glass Fibers	ND	ND	ND		
% Other fibers	ND	4	2		
% Non-fibrous	100	53	83		

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%"

TA Richland
Asbestos PLM

Analyst:	D. Pety	SOP Information	Method	Batch #	2122139_7
Analyst Signature:	<i>[Signature]</i>	RL-ASB-002	NIOSH 9002	SDG #	MA04963
Date:	5/7/12	Revision 2			
Sample ID	MTAN31AA				
Client ID	J1P1F8				
Macroscopic examination					
Sample Description	Multiple layer sample: molding	Multiple layer sample: mastic and wall	Multiple layer sample: caulk	TOTAL SAMPLE *	
Homogeneous	Y	N	Y	N	
Color	black	white	white	black/white	
% Visible Fibers	0	0	0	0	
PLM Analysis					
Asbestiform Minerals					
% Chrysotyle	ND	ND	ND	ND	
% Amosite	ND	ND	ND	ND	
% Crocidolite	ND	ND	ND	ND	
% Tremolite	ND	ND	ND	ND	
% Actinolite	ND	ND	ND	ND	
% Anthophyllite	ND	ND	ND	ND	
% Total Asbestos	ND	ND	ND	ND	
Other Materials					
% Cellulose	2	TRA	ND	TRA	
% Glass Fibers	ND	ND	ND	ND	
% Other fibers	TRA	ND	ND	ND	
% Non-fibrous	98	100	100	100	

Comments:

* The sample contains 3 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%"

D8E
5-1-12

Washington Closure Hanford Collector: <i>James DeRosier</i> Project Designation: 300 Area D4 Waste Characterization Sampling - Other Solid Ice Chest No.: N/A		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST Company Contact: Tom Edmundson Telephone No.: 509.947.5192 Project Coordinator: KESSNER, JH SAF No.: RC-040 Method of Shipment: Hand Deliver Bill of Lading/Air Bill No.: N/A		RC-040-759 Price Code: 9K Data Turnaround: 7 Days
Shipped To: Test America Richland (IH) POSSIBLE SAMPLE HAZARDS/REMARKS: Potential ACM Special Handling and/or Storage: N/A & SDG # MACH 24463 W 5/12 LOT # J2E010450 Report # 57812		Sampling Location: 3760 Asbestos Sampling Field Logbook No.: EL-1518-25 COA: RD4MXX2F00		
Sample No. Matrix * J1P1C2 MIALY OTHER SOLID J1P1C3 MIALY OTHER SOLID J1P1C4 MTAMJ OTHER SOLID J1P1C5 MTAMM OTHER SOLID J1P1C6 MTAMP OTHER SOLID		Preservation: None Type of Container: G/P No. of Container(s): 1 Volume: 60g Absbestos-Bulk - NIOSH 9002		
SAMPLE ANALYSIS CHAIN OF POSSESSION Relinquished By/Removed From: <i>James DeRosier</i> Date/Time: 4/30/12 1820 Relinquished By/Removed From: <i>SM Sexton</i> Date/Time: 4/30/12 1835 Relinquished By/Removed From: <i>SM Sexton</i> Date/Time: 5/1/2012 0815 Relinquished By/Removed From: <i>SM Sexton</i> Date/Time: 5/1/12 0945 Relinquished By/Removed From: <i>SM Sexton</i> Date/Time: 5/1/12 1100		Sign/Print Names Received By/Stored In: <i>SM Sexton</i> Date/Time: 4/30/12 1835 Received By/Stored In: <i>Mo-767 Fridge</i> Date/Time: 4/30/12 0725 Received By/Stored In: <i>SM Sexton</i> Date/Time: 5/1/12 0815 Received By/Stored In: <i>A. Freier</i> Date/Time: 5-1-12-0945 Received By/Stored In: <i>SM WCH</i> Date/Time: 5/1/12 1100		
LABORATORY SECTION: <i>SM WCH</i> Received By: <i>SM WCH</i> Date/Time: 5-1-12-1100		SPECIAL INSTRUCTIONS Matrix * S=Soil SE=Soil/Inert SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue W=Wipe L=Liquid V=Vegetation X=Other		
FINAL SAMPLE DISPOSITION Disposed By: <i>SM WCH</i> Date/Time: 5/1/12		Title: <i>SM WCH</i> Date/Time: 5/1/12		



DBE
5-1-12

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Collector: JG MCS De Roos
 Project Designation: 30 Area D4 Waste Characterization Sampling - Other Solid
 Project Coordinator: KESSNER, JH
 Telephone No.: 509.947.5192
 SAF No.: RC-040
 Method of Shipment: Hand Deliver
 Bill of Lading/Air Bill No.: N/A

POSSIBLE SAMPLE HAZARDS/REMARKS
 Potential ACM
 Special Handling and/or Storage
 N/A SDG # MAD0443
 LOT # JAE010450

Sample No.	Matrix *	Sample Date	Sample Time	Preservation	Type of Container	No. of Container(s)	Volume
JIP1C7	OTHER SOLID	4/30/12	1722	None	G/P	1	60g
JIP1C8	OTHER SOLID		1723				
JIP1C9	OTHER SOLID		1724				
JIP1D0	OTHER SOLID		1725	Asbestos-Bulk - NIOSH 9002			
JIP1D1	OTHER SOLID		1726				

CHAIN OF POSSESSION

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
James [Signature]	4-30-12 1820	SM Sexton [Signature]	4/30/12 1820
SM Sexton [Signature]	4/30/12 1835	MO-767 Fridge [Signature]	4/30/12 1835
SM Sexton [Signature]	4/30/12 6725	SM Sexton [Signature]	4/30/12 6725
SM Sexton [Signature]	5/01/2012 0815	A-Freer [Signature]	5-1-12 0815
A-Freer [Signature]	5-1-12 0945	Received By [Signature]	5-1-12 0945
Received By [Signature]	5-1-12 1100	Luas [Signature]	5/1/12 1100

SPECIAL INSTRUCTIONS

REVIEWED BY: [Signature] DATE: 5-1-12

Matrix *
 S=Soil
 SE=Sediment
 SO=Solid
 SL=Sludge
 W=Water
 O=Oil
 A=Air
 DS=Drum Solids
 DL=Drum Liquids
 T=Tissue
 W=Wipe
 L=Liquid
 V=Vegetation
 X=Other

LABORATORY SECTION: Received By: Title: Date/Time: Disposed By: Date/Time:

DBE
5-1-12

Washington Closure Hanford **CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST** **RC-040-759** Page 3 of 86

Collector: James DeRos Telephone No. 509.947.5192 Project Coordinator: KESSNER, JH Price Code: **9K** Data Turnaround: **7 Days**

Project Designation: 300 Area D4 Waste Characterization Sampling - Other Solid SAF No. RC-040

IC Chest No. N/A Field Logbook No. COA RD4MXX2F00 Method of Shipment: Hand Deliver

Shipped To: Test America Richland (TH) Bill of Lading/Air Bill No. N/A

POSSIBLE SAMPLE HAZARDS/REMARKS
Potential ACM

Special Handling and/or Storage
*N/A SDB # MA04463
LOT # J0E010450*

Sample No.	Matrix *	Sample Date	Sample Time	Preservation	None	Volume
J1P1D2 MTAM7	OTHER SOLID	4/30/12	1727	None		60g
J1P1D3 MTAM8	OTHER SOLID		1728	G/P		
J1P1D4 MTANA	OTHER SOLID		1729			
J1P1D5 MTANC	OTHER SOLID		1730			
J1P1D6 MTAMD	OTHER SOLID		1735			

SPECIAL INSTRUCTIONS

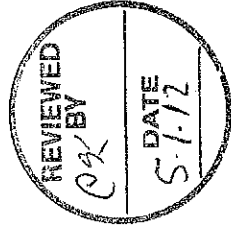
Asbestos - Bulk - NIOSH 9002

CHAIN OF POSSESSION

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
<i>James DeRos</i>	4-30-12 1820	<i>Sam Sexton</i>	4/30/12 1835
<i>Sam Sexton</i>	4/30/12 1835	<i>Mo-767 Fridge</i>	4/30/12 1835
<i>Mo-767 Fridge</i>	4/30/12 1835	<i>Sam Sexton</i>	5/1/12 0815
<i>Sam Sexton</i>	5/1/12 0815	<i>A. Freier</i>	5-1-12 0945
<i>A. Freier</i>	5-1-12 0945	<i>Lucas Velazquez</i>	5/1/12 1100

LABORATORY SECTION Received By: Lucas Velazquez Title: 5/1/12

FINAL SAMPLE DISPOSITION Disposed By: Lucas Velazquez Date/Time: 5/1/12



DBE
5-1-12

Washington Closure Hanford **CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST** RC-040-759 Page 4 of 6
 Collector: James DeRos Project Coordinator: KESSNER, JH Price Code: 9K Data Turnaround: 7 Days
 Telephone No.: 509.947.5192 SAF No.: RC-040
 Company Contact: Tom Edmundson Method of Shipment: Hand Deliver
 Sampling Location: 3760 Asbestos Sampling COA: RD4MXX2F00
 Field Logbook No.: EL-1518-25 Bill of Lading/Air Bill No.: N/A
 Offsite Property No.: N/A

Sample No.	Matrix *	Sample Date	Sample Time	Preservation	None	Type of Container		Volume	Asbestos - Bulk - NIOSH 9002
						Type of Container			
						No. of Container(s)			
						Volume			
J1P1D7	MTANE	4/30/12	1737						
J1P1D8	MTANF		1737						
J1P1D9	MTANH		1742						
J1P1F0	MTANK		1744						
J1P1F1	MTANN		1745						

SPECIAL INSTRUCTIONS

CHAIN OF POSSESSION

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
James DeRos	4-30-12 1820	SM Sexton	4/30/12 1820
SM Sexton	4/30/12 1825	MO-767 Fridge	4/30/12 1825
SM Sexton	5/1/12 0815	A. Freier	5-1-12 0815
SM Sexton	5-1-12 0945	SM Sexton	5-1-12 0945
SM Sexton	5-1-12 1100	SM Sexton	5-1-12 1100

LABORATORY SECTION Received By: SM Sexton Date/Time: 5/1/12 1100

FINAL SAMPLE DISPOSITION Disposed By: SM Sexton Date/Time: 5/1/12 1100

Matrix *
 S=Soil SE=Seiment DS=Drum Solids
 SO=Solid SL=Sludge DL=Drain Liquids
 W=Water O=Oil A=Air
 T=Plastic L=Liquid V=Vegetation
 X=Other

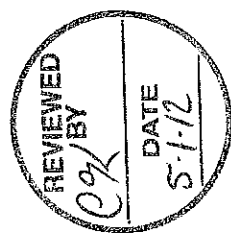


DBE
5-1-12

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		RC-040-759	Page 2 of 6
Collector <i>James DeLois</i>	Company Contact Tom Edmundson	Telephone No. 509.947.5192	Project Coordinator KESSNER, JH	Price Code 9K	Data Turnaround 7 Days
Project Designation D40 Area D4 Waste Characterization Sampling - Other Solid	Sampling Location 3760 Asbestos Sampling		SAF No. RC-040		
Ice Chest No. N/A	Field Logbook No. EL-1518-25	COA RD4MXX2F00	Method of Shipment Hand Deliver		
Shipped To Test America Richland (IH)	Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A		

Sample No.	Matrix *	Sample Date	Sample Time	Preservation	Type of Container	No. of Container(s)	Volume	Notes	SPECIAL INSTRUCTIONS	
									Date/Time	
									Received By/Stored In	Date/Time
									Received By/Removed From	Date/Time
J1P1F2	OTHER SOLID	4/30/12	1747			1	60g			
J1P1F3	OTHER SOLID		1748							
J1P1F4	OTHER SOLID		1749							
J1P1F5	OTHER SOLID		1750					Asbestos - Bulk - NIOSH 9002		
J1P1F6	OTHER SOLID		1752							

CHAIN OF POSSESSION		Sign/Print Names		Date/Time	
Received By/Removed From	Received By/Stored In				
<i>James DeLois</i>	<i>SM Section</i>	4/30/12	1820	4/30/12	1820
Received By/Removed From	Received By/Stored In				
<i>SM Section</i>	<i>SM Section</i>	4/30/12	1835	4/30/12	1835
Received By/Removed From	Received By/Stored In				
<i>SM Section</i>	<i>SM Section</i>	5/1/12	0725	5/1/12	0725
Received By/Removed From	Received By/Stored In				
<i>SM Section</i>	<i>A. Freier</i>	5/1/12	0815	5/1/12	0815
Received By/Removed From	Received By/Stored In				
<i>A. Freier</i>	<i>SM Section</i>	5-1-12	0945	5-1-12	0945
Received By/Removed From	Received By/Stored In				
<i>SM Section</i>	<i>SM Section</i>	5-1-12	1100	5/1/12	1100



LABORATORY SECTION	Received By	Title
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By
		Date/Time

DBE
5-1-12

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			RC-040-759	Page 6 of 8																												
Collector <i>James DeRoux</i>	Company Contact Tom Edmundson	Telephone No. 509.947.5192	Project Coordinator KESSNER, JH	Price Code 9K	Data Turnaround 7 Days																													
Project Designation 200 Area D4 Waste Characterization Sampling - Other Solid	Sampling Location 3760 Asbestos Sampling		SAF No. RC-040																															
Ice Chest No. N/A	Field Logbook No. EL-1518-25	COA RD4MXX2F00	Method of Shipment Hand Deliver																															
Shipped To Test America Richland (IH)	Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A																															
POSSIBLE SAMPLE HAZARDS/REMARKS <i>Potential ACM</i>																																		
Special Handling and/or Storage <i>N/A SDG # MAD4443 LOT # JEF010450</i>																																		
SAMPLE ANALYSIS																																		
Sample No.	Matrix *	Sample Date	Sample Time	Preservation	Note																													
J1P1F7 <i>MTAN2</i>	OTHER SOLID	<i>4/30/12</i>	<i>1754</i>																															
J1P1F8 <i>MTAN3</i>	OTHER SOLID	<i>4/30/12</i>	<i>1755</i>																															
J1P1F9	OTHER SOLID																																	
J1P1H0	OTHER SOLID																																	
J1P1H1	OTHER SOLID																																	
SPECIAL INSTRUCTIONS																																		
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