

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

COMPLETE COPY OF DATA PACKAGE TO:

Mike Stankovich

L1-01

KW 12/27/07  
INITIAL/DATE

**RECEIVED**  
JAN 03 2008

**EDMC**

COMMENTS:

**SDG 07-A-6898**

**SAF-RC-040**

Rad only

Chem only

Rad & Chem

Complete

Partial

Sample Location/Waste Site: 300 Area 309 Bldg.



**DATA  
CHEM**  
LABORATORIES, INC.

12/20/07  
Page 1 of 3

**SUBMITTED TO:**

Joan Kessner  
Washington Closure Hanford  
2620 Fermi Avenue, MSIN H4-21  
Richland, WA 99354

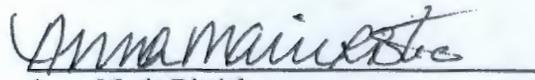
**REFERENCE DATA:**

Client Sample No.:	J16306 through J163B1
P.O. No.:	Not Available
Sample Location:	309
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	07-A-6898
DCL Sample ID No.:	07-40491 through 07-40511
Sample Receipt Date:	12/3/07
Analysis Date:	12/20/07



We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using EPA-600/R-93/116. The samples were acceptable upon receipt except where noted. The samples were examined under a stereomicroscope in a laboratory fume hood for general composition and phase separation. If needed, portions of the sample were removed and ground with a mortar and pestle before being mounted on a glass microscope slide. Mountings of representative portions of the material are 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 materials analyzed and are summarized on the attached bulk asbestos analysis data sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.

  
Shawn Smythe  
Analyst

  
Anna Marie Ristich  
Reviewer

\*Floor tiles, decorative paints, joint compounds, and cement materials require additional treatment in order to evaluate the concentration of small asbestos fibers bound in the material. Some samples may contain fibers that are not visible by PLM and can only be detected by electron microscopy techniques. Floor tiles are analyzed as homogeneous materials if insufficient mastic is present or if phases have been cross contaminated.

DataChem Laboratories NVLAP Lab ID: 101917. Laboratory accreditation by the National Institute of Standards and Technology does not in any way constitute approval or endorsement by NVLAP, NIST, or any agency of the federal government..

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NOVATO, CALIFORNIA 94945  
800 280-8071, FAX 415 893-9489

**DataChem Laboratories**  
**Polarized Light Microscopy**  
**Asbestos Analytical Report**

Client: Washington Closure Hanford  
 Location: 309  
 Set ID: 07-A-6898

Client Sample ID:	J16311	J16387	J16388	J16390	J16391
DCL Sample ID:	07-40496	07-40497	07-40498	07-40500	07-40501
<b>Macroscopic Examination</b>					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Layered	Layered	Layered
	Inseparable	Inseparable	Inseparable	Inseparable	Inseparable
Color:	Yellow/Black	Yellow/Black	Tan/Grey	Yellow/Black	Yellow/Black
Texture:	Fbrs/Resns	Fbrs/Resns	Fbrs/Crmby	Fbrs/Resns	Fbrs/Resns
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
<b>Asbestiform Minerals</b>					
% Chrysotile:	>1 ≤ 3	>1 ≤ 3	>1 ≤ 3	>1 ≤ 3	
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
<b>% Total Asbestos:</b>	<b>&gt;1 ≤ 3</b>	<b>&gt;1 ≤ 3</b>	<b>&gt;1 ≤ 3</b>	<b>&gt;1 ≤ 3</b>	<b>ND</b>
<b>Other Materials</b>					
% Cellulose:					>3 ≤ 5
% Fiberglass:	>80 ≤ 90	>80 ≤ 90	>80 ≤ 90	>80 ≤ 90	>80 ≤ 90
% Other Fibers:					
% Resin/Binder:	>5 ≤ 10	>5 ≤ 10		>5 ≤ 10	>5 ≤ 10
% Non Fibrous:	>3 ≤ 5	>3 ≤ 5	>5 ≤ 10	>3 ≤ 5	>1 ≤ 3

ND = None Detected Trace = <1%

Special Prep Procedures: Sample numbers J16306 through J16310 and J16389 were prepared by gravimetric reduction.

\*Notes: P. O. #: Not Available.

  
 Shawn Smythe  
 Microscopist

All values are in area percent by visual estimate. The Federal Register Vol. 55 No. 224 Tuesday Nov. 20 1990 Rules and Regulations states "... If the asbestos content is estimated to be less than 10% by a method other than point counting,... (the analysis) be repeated using the point counting technique by PLM." Any of the above samples can be reanalyzed by point counting at the client's request. Wherever possible, separate phases are analyzed and reported individually.

12/20/07

**DataChem Laboratories**  
**Polarized Light Microscopy**  
**Asbestos Analytical Report**

Client: Washington Closure Hanford  
 Location: 309  
 Set ID: 07-A-6898

Client Sample ID:	J16399	J163B0
DCL Sample ID:	07-40509	07-40510
<b>Macroscopic Examination</b>		
Accepted/Rejected:	Accepted	Accepted
Homogeneity:	Homog.	Homog.
Color:	Grey	Grey
Texture:	Crmby/Fbrs	Fibrous
Description:	Material	Material
Analysis:	PLM	PLM
<b>Asbestiform Minerals</b>		
% Chrysotile:	>3 ≤ 5	
% Amosite:	>10 ≤ 20	
% Crocidolite:		
% Tremolite - Actinolite:		
% Anthophyllite:		
<b>% Total Asbestos:</b>	<b>&gt;13 ≤ 25</b>	<b>ND</b>
<b>Other Materials</b>		
% Cellulose:		
% Fiberglass:		>80 ≤ 90
% Other Fibers:		
% Resin/Binder:		
% Non Fibrous:	>70 ≤ 80	>5 ≤ 10

ND = None Detected    Trace = <1%

Special Prep Procedures: Sample numbers J16392 through J16398 and J163B1 were prepared by gravimetric reduction.

\*Notes: P. O. #: Not Available.

  
 Shawn Smythe  
 Microscopist

All values are in area percent by visual estimate. The Federal Register Vol. 55 No. 224 Tuesday Nov. 20 1990 Rules and Regulations states "... If the asbestos content is estimated to be less than 10% by a method other than point counting,... (the analysis) be repeated using the point counting technique by PLM." Any of the above samples can be reanalyzed by point counting at the client's request. Wherever possible, separate phases are analyzed and reported individually.



**DATA  
CHEM**  
LABORATORIES, INC.

Page 1 of 4  
12/20/07

**SUBMITTED TO:**

Joan Kessner  
Washington Closure Hanford  
2620 Fermi Avenue, MSIN H4-21  
Richland, WA 99354

**REFERENCE DATA:**

Client Sample No.:	J16306 through J163B1
P.O. No.:	Not Available
Sample Location:	309
Sample Type:	Bulk
Method Reference:	EPA/600/R-93/116, ELAP 198.1 (modified), PLM Analysis with Gravimetric Reduction
DCL Set ID No.:	07-A-6898
DCL Sample ID No.:	07-40491 through 07-40511
Sample Receipt Date:	12/3/07
Preparation Date:	12/19/07 through 12/20/07
Analysis Date:	12/20/07

We certify that the samples indicated on the following data sheet(s) were prepared by gravimetric reduction and analyzed by Polarized Light Microscopy (PLM) for asbestos using a modification of the method, EPA/600/R-93/116, ELAP 198.1, Chatfield Method, for determining the amount and type of asbestos present in bulk building materials. The samples were acceptable upon receipt except where noted.

The samples were examined under a stereomicroscope for general composition and phase separation. Coarse, non-asbestos materials that cannot be pulverized, such as pebbles or metal foils, were separated from the portion analyzed. Other non-asbestos material was removed by ashing in a muffle furnace and/or dissolution in hydrochloric acid. Sample weights were tracked through each step in the reduction. Mountings of representative portions of the final residue were prepared in one or more 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 materials analyzed and are summarized on the attached PLM Asbestos Analysis Data Sheets.

  
Shawn Smythe  
Analyst

  
Anna Marie Ristich  
Reviewer

\* Some samples may contain fibers that are not visible by PLM and can only be discovered by electron microscopy techniques. Floor tiles are analyzed as homogeneous materials if insufficient mastic is present or if phases have been cross contaminated.

DataChem Laboratories NVLAP Lab ID: 101917. Laboratory accreditation by the National Institute of Standards and Technology does not in any way constitute approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Samples will be disposed of after 60 days unless instructed otherwise.

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800 280-8071, FAX 415 893-9469

**DataChem Laboratories Analytical Report**  
**PLM Bulk Asbestos Analysis using Gravimetric Reduction**

Client: Washington Closure Hanford  
Location: 309  
Set ID: 07-A-6898

<b>SAMPLE IDENTIFICATION</b>					
Client ID:	J16306	J16307	J16308	J16309	J16310
DCL ID:	07-40491	07-40492	07-40493	07-40494	07-40495
<b>SAMPLE DESCRIPTION</b>					
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Rejected
Color:	Black	Black	Black	Black	
Texture:	Resinous	Resinous	Resinous	Resinous	
Description:	Roofing	Roofing	Roofing	Roofing	
<b>SAMPLE PREP</b>					
Starting Weight (g):	0.7394	0.1482	0.2492	0.7606	
Residue Weight (g):	0.3077	0.0074	0.0705	0.0549	
Weight Percent Residue:	41.61	4.99	28.29	7.22	
<b>PERCENT ASBESTOS DETECTED IN RESIDUE</b>					
Chrysotile:	3	ND	30	ND	
Grunerite:	0	ND	0	ND	
Crocidolite:	0	ND	0	ND	
Actinolite-Tremolite:	0	ND	0	ND	
Anthophyllite:	0	ND	0	ND	
<b>TOTAL IN RESIDUE</b>	3.0	ND	30.0	ND	
<b>ASBESTOS PERCENT IN SAMPLE</b>					
	1.2	ND	8.5	ND	

ND = None Detected

TRACE = <1%

\*Notes: P. O. #: Not Available. Sample number J16310 could not be removed from the sampling container.

  
Shawn Smythe  
Analyst

  
Anna Marie Ristich  
Reviewer

**DataChem Laboratories Analytical Report  
PLM Bulk Asbestos Analysis using Gravimetric Reduction**

Client: Washington Closure Hanford  
Location: 309  
Set ID: 07-A-6898

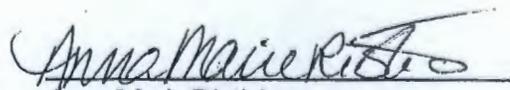
<b>SAMPLE IDENTIFICATION</b>					
Client ID:	J16389	J16392	J16393	J16394	J16395
DCL ID:	07-40499	07-40502	07-40503	07-40504	07-40505
<b>SAMPLE DESCRIPTION</b>					
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Rejected
Color:	Black	Black	Black	Black	
Texture:	Resinous	Resinous	Resinous	Resinous	
Description:	Roofing	Roofing	Roofing	Roofing	
<b>SAMPLE PREP</b>					
Starting Weight (g):	0.2712	0.6407	3.5743	0.9814	
Residue Weight (g):	0.0836	0.1912	1.0773	0.0483	
Weight Percent Residue:	30.83	29.84	30.14	4.92	
<b>PERCENT ASBESTOS DETECTED IN RESIDUE</b>					
Chrysotile:	ND	60	ND	ND	
Grunerite:	ND	0	ND	ND	
Crocidolite:	ND	0	ND	ND	
Actinolite-Tremolite:	ND	0	ND	ND	
Anthophyllite:	ND	0	ND	ND	
<b>TOTAL IN RESIDUE</b>	ND	60.0	ND	ND	
<b>ASBESTOS PERCENT IN SAMPLE</b>					
	ND	17.9	ND	ND	

ND = None Detected

TRACE = <1%

\* Notes: P. O. #: Not Available. Sample number J16395 could not be removed from the sampling container.

  
Shawn Smythe  
Analyst

  
Anna Marie Ristich  
Reviewer

**DataChem Laboratories Analytical Report**  
**PLM Bulk Asbestos Analysis using Gravimetric Reduction**

Client: Washington Closure Hanford  
Location: 309  
Set ID: 07-A-6898

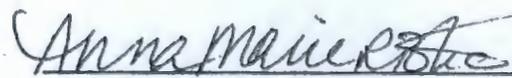
<b>SAMPLE IDENTIFICATION</b>				
Client ID:	J16396	J16397	J16398	J163B1
DCL ID:	07-40506	07-40507	07-40508	07-40511
<b>SAMPLE DESCRIPTION</b>				
Homogeneity:	Homog.	Homog.	Homog.	Homog.
Color:	Black	Black	Black	Black
Texture:	Resinous	Resinous	Resinous	Resinous
Description:	Roofing	Roofing	Roofing	Roofing
<b>SAMPLE PREP</b>				
Starting Weight (g):	1.3225	0.4329	0.7273	0.8080
Residue Weight (g):	0.6220	0.1672	0.4610	0.0252
Weight Percent Residue:	47.03	38.62	63.39	3.12
<b>PERCENT ASBESTOS DETECTED IN RESIDUE</b>				
Chrysotile:	40	30	60	ND
Grunerite:	0	0	10	ND
Crocidolite:	0	0	0	ND
Actinolite-Tremolite:	0	0	0	ND
Anthophyllite:	0	0	0	ND
<b>TOTAL IN RESIDUE</b>	<b>40.0</b>	<b>30.0</b>	<b>70.0</b>	<b>ND</b>
<b>ASBESTOS PERCENT IN SAMPLE</b>				
	<b>18.8</b>	<b>11.6</b>	<b>44.4</b>	<b>ND</b>

ND = None Detected

TRACE = <1%

\*Notes: P. O. #: Not Available.

  
Shawn Smythe  
Analyst

  
Anna Marie Ristich  
Reviewer

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-340	Page 2 of 10
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620	Project Coordinator KESSNER, JH	Price Code 9K	Data Turnaround 7 Days
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 309		SAF No. RC-040			
Ice Chest No. Fed Ex Box		Field Logbook No. EL-1518-9 #10		COA See below	Method of Shipment Federal Express		
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A 080040		Bill of Lading/Air Bill No. See OSPC			
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos & Be		Preservation	None				
Special Handling and/or Storage		Type of Container	G/P				
		No. of Container(s)	1				
		Volume	5g				
SAMPLE ANALYSIS		Asbestos-BULK-EPA					
07A-6898							
Sample No.	Matrix *	Sample Date	Sample Time				
J16303	OTHER SOLID						
J16304	OTHER SOLID						
J16305	OTHER SOLID						
J16306 340491	OTHER SOLID	12-3-07	0815	X			
J16307 40492	OTHER SOLID	12-3-07	0818	X			
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS			Matrix *
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time	Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00			S=Soil
Mike Stankovich	12-3-07 0940	M Singleton	12-3-07 0940				SE=Settiment
M Singleton	12-3-07 1500	FED EX					SO=Solid
			12/4/07 212				SI=Sledge
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				W=Water
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				O=Oil
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				A=Air
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				DS=Drum Solids
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				DL=Drum Liquids
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				T=Tissue
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				Wt=Wipe
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				L=Liquid
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				V=Vegetation
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time				X=Other
LABORATORY SECTION	Received By	Title					Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By					Date/Time

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-340		Page 10 of 10													
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days													
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 309		SAF No. RC-040																	
Ice Chest No. Fed Ex Box		Field Logbook No. EL-1518-9 #10		COA See below		Method of Shipment Federal Express															
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A080040		Bill of Lading/Air Bill No. See OSPC																	
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos & Be				Preservation	None																
Special Handling and/or Storage				Type of Container	G/P																
				No. of Container(s)	1																
				Volume	5g																
SAMPLE ANALYSIS 6898				Asbestos-BULK-EPA																	
Sample No.	Matrix *	Sample Date	Sample Time																		
J16308	40493 OTHER SOLID	12-3-07	0821	X																	
J16309	40494 OTHER SOLID	}	0824	X																	
J16310	40495 OTHER SOLID		0827	X																	
J16311	40496 OTHER SOLID	↓	0830	X																	
CHAIN OF POSSESSION				Sign/Print Names				SPECIAL INSTRUCTIONS				Matrix *									
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00				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									
M. Stankovich		12-3-07 0940		M. Stankovich		12-3-07 0940															
M. Stankovich		12-3-07 1500		FED EX																	
						12/4/07															
LABORATORY SECTION		Received By		Title				Date/Time													
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By				Date/Time													

<b>Washington Closure Hanford</b>		<b>CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST</b>				RC-040-343	Page 1 of 2															
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620	Project Coordinator KESSNER, JH		Price Code <b>9K</b>	Data Turnaround <b>7 Days</b>														
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 309			SAF No. RC-040																	
Ice Chest No. Fed Ex Box		Field Logbook No. EL-1518-9+10		COA See below	Method of Shipment Federal Express																	
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. <b>A080040</b>			Bill of Lading/Air Bill No. See OSPC																	
POSSIBLE SAMPLE HAZARDS/REMARKS <i>Asbestos &amp; Be</i>				Preservation	None																	
				Type of Container	G/P																	
				No. of Container(s)	1																	
				Volume	5g																	
Special Handling and/or Storage																						
SAMPLE ANALYSIS					Asbestos-BULK-EPA																	
					<b>6898</b>																	
Sample No.	Matrix *	Sample Date	Sample Time																			
J16387	<b>40497</b> OTHER SOLID	<b>12-3-07</b>	<b>0833</b>	X																		
J16388	<b>40498</b> OTHER SOLID	↓	<b>0836</b>	↑																		
J16389	<b>40499</b> OTHER SOLID		<b>0839</b>	↑																		
J16390	<b>40500</b> OTHER SOLID		<b>0842</b>	↑																		
J16391	<b>40501</b> OTHER SOLID		<b>0845</b>	X																		
CHAIN OF POSSESSION				Sign/Print Names				SPECIAL INSTRUCTIONS				Matrix *										
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00				<ul style="list-style-type: none"> <li>S=Soil</li> <li>SE=Softment</li> <li>SO=Solid</li> <li>SL=Sludge</li> <li>W = Water</li> <li>O=Oil</li> <li>A=Air</li> <li>DS=Drum Solids</li> <li>DL=Drum Liquids</li> <li>T=Traspe</li> <li>WI=Wipe</li> <li>L=Liquid</li> <li>V=Vegetation</li> <li>X=Other</li> </ul>										
<i>Mike Stankovich</i>		<b>12-3-07 0940</b>		<i>MT Stankovich</i>		<b>12-3-07 0940</b>																
<i>MT Stankovich</i>		<b>12-3-07 1500</b>		<b>FED EX</b>																		
				<i>[Signature]</i>		<b>12/4/07</b>																
LABORATORY SECTION	Received By	Title				Date/Time																
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By				Date/Time																

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST					RC-040-343		Page 2 of 2			
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code <b>9K</b>		Data Turnaround <b>7 Days</b>		
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 309			SAF No. RC-040							
Ice Chest No. Fed Ex Box		Field Logbook No. EL-1518-9 +10		COA See below		Method of Shipment Federal Express						
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. <b>A080040</b>			Bill of Lading/Air Bill No. See OSPC							
POSSIBLE SAMPLE HAZARDS/REMARKS <i>Asbestos &amp; Be</i>				Preservation	None							
Special Handling and/or Storage				Type of Container	G/P							
				No. of Container(s)	1							
				Volume	5g							
SAMPLE ANALYSIS <b>6898</b>				Asbestos-BULK-EPA								
Sample No.	Matrix *	Sample Date	Sample Time									
J16392	40502	OTHER SOLID	12-3-07	0848	X							
J16393	40503	OTHER SOLID	↓	0851	X							
J16394	40504	OTHER SOLID		0854	X							
J16395	40505	OTHER SOLID		0857	X							
J16396	40506	OTHER SOLID		0900	X							
CHAIN OF POSSESSION				Sign/Print Names		SPECIAL INSTRUCTIONS					Matrix * S=Soil SE=Sediment SO=Solid Sl=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue WJ=Wipe L=Liquid V=Vegetation X=Other	
Relinquished By/Removed From		Date/Time	Received By/Stored In		Date/Time	Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00						
<i>M. Stankovich</i>		0940 12-3-07	<i>M. Stankovich</i>		0940 12-3-07							
Relinquished By/Removed From		Date/Time	Received By/Stored In		Date/Time							
<i>M. Stankovich</i>		1506 12-3-07	FED EX									
Relinquished By/Removed From		Date/Time	Received By/Stored In		Date/Time							
<i>[Signature]</i>		12/4/07	<i>[Signature]</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							
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						

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-343		Page 3 of 7										
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code <b>9K</b> Data Turnaround <b>7 Days</b>										
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 309		SAF No. RC-040														
Ice Chest No. Fed Ex Box		Field Logbook No. EL-1518-9 +10		COA See below		Method of Shipment Federal Express												
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. <b>AO 80040</b>		Bill of Lading/Air Bill No. See OSPC														
POSSIBLE SAMPLE HAZARDS/REMARKS <i>Asbestos &amp; Be</i>			Preservation	None														
Special Handling and/or Storage			Type of Container	G/P														
			No. of Container(s)	1														
			Volume	5g														
SAMPLE ANALYSIS <b>6898</b>				Asbestos-BULK-EPA														
Sample No.	Matrix *	Sample Date	Sample Time															
J16397	40507 OTHER SOLID	12-3-07	0903	X														
J16398	40508 OTHER SOLID	↓	0906	X														
J16399	40509 OTHER SOLID		0909	X														
J163B0	40510 OTHER SOLID		0912	X														
J163B1	40511 OTHER SOLID		0915	X														
CHAIN OF POSSESSION				Sign/Print Names				SPECIAL INSTRUCTIONS				Matrix *						
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00				S=Soil SE=Soilment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Time W=Wipe L=Liquid V=Vegetation X=Other						
<i>M Stankovich</i>		12-3-07 0940		<i>M Stankovich</i>		12-307 0940												
<i>Fed Ex</i>		12-307 1500		<i>Fed Ex</i>														
				<i>[Signature]</i>		12/4/07												
LABORATORY SECTION		Received By		Title				Date/Time										
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By				Date/Time										