

SAF-RC-030
Remaining Sites Confirmation Sampling -
Other Solid
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Mike Stankovich	H9-02	<u> </u> NB 11/2/05 INITIAL/DATE
Mike Peloquin	X0-17	<u> </u> NB 11/2/05 INITIAL/DATE
Jeanette Duncan	H9-02	<u> </u> NB 11/2/05 INITIAL/DATE

COMMENTS:

SDG	<u> 05-A-6006 </u>	SAF-RC-030
Rad only	<input checked="" type="checkbox"/> Chem only	Rad & Chem
	<input checked="" type="checkbox"/> Complete	Partial

Waste Site: 128-D-2:5

RECEIVED
NOV 16 2005
EDMC



SUBMITTED TO:

Joan Kessner
Washington Closure Hanford
3190 George Washington Way, MSIN H9-02
Richland, WA 99352



REFERENCE DATA:

Client Sample No.:	J10DD7 through J10DD9
P.O. No.:	Not Available
Sample Location:	100-D-28-5 128-D-2:5 NB
Sample Type:	Bulk 11/2/05
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	05-A-6006
DCL Sample ID No.:	05-37947 through 05-37949
Sample Receipt Date:	11/1/05
Analysis Date:	11/1/05

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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100-030
~~100-D-28-5~~ 128-D-2:5

DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Report

Client: Washington Closure Hanford

Location: ~~100-D-28-5~~ 128-D-2:5 111105

Set ID: 05-A-6006

Client Sample ID:	J10DD7	J10DD8	J10DD9
DCL Sample ID:	05-37947	05-37948	05-37949
Macroscopic Examination			
Accepted/Rejected:	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.
Color:	Grey	Grey	Red/Grey
Texture:	Fibrous	Fibrous	Crmby/Fbrs
Description:	Material	Material	Material
Analysis:	PLM	PLM	PLM
Asbestiform Minerals			
% Chrysotile:		>60 ≤ 70	
% Amosite:			
% Crocidolite:			
% Tremolite - Actinolite:			
% Anthophyllite:			
% Total Asbestos:	ND	>60 ≤ 70	ND
Other Materials			
% Cellulose:			
% Fiberglass:			>3 ≤ 5
% Other Fibers:	>80 ≤ 90		Trace
% Resin/Binder:			
% Non Fibrous:	>5 ≤ 10	>20 ≤ 30	>90 ≤ 100

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*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.

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-030-023		Page 1 of 2	
Collector STANKOVICH/HUDSON		Company Contact Mike Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9C Data Turnaround 24 Hours	
Project Designation Remaining Sites Confirmation Sampling - Other Solid		Sampling Location 100-A-39-5 128'D-2.5		SAF No. RC-030		Air Quality <input type="checkbox"/>			
Ice Chest No. ERC-01-014		Field Logbook No. EL-1578-7		COA C10DR16700		Method of Shipment FedEx			
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A060004		Bill of Lading/Air Bill No. See DSPC					
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos Non Rad Special Handling and/or Storage None			Preservation	None					
			Type of Container	Whirl Pack					
			No. of Container(s)	1					
			Volume	5g					
SAMPLE ANALYSIS 05-A-36006			Asbestos-BULK-EPA						
Sample No.	Matrix *	Sample Date	Sample Time		05				
J10DD7	OTHER SOLID	10-27-05	1000	X	37947				
J10DD8	OTHER SOLID	10-27-05	1005	X	37948				
J10DD9	OTHER SOLID	10-27-05	1010	X	37949				
J10DF0	OTHER SOLID								
J10DF1	OTHER SOLID	10/27/05							
CHAIN OF POSSESSION				SPECIAL INSTRUCTIONS				Matrix *	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		<ul style="list-style-type: none"> S=Soil SE=Soilment SO=Solid Sl=Sldge W = Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Time W= Wipe L=Liquid V=Vegetation X=Other 	
11728 M. Stankovich		10/27/05 1415		3728 JAL		10/27/05 1415			
5728 Ref 2C		10/31/05 1100		David St John		10/31/05 1100			
Demetrius		10/31/05 1100		FedEx					
Jed R2				Jed R2		11/1/05 10:30			
LABORATORY SECTION		Received By		Title		Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			