

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

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21

KW 2/6/08
INITIAL/DATE

RECEIVED
FEB 26 2008
EDMC

COMMENTS:

SDG 08-A-0472

SAF-RC-030

Rad only

Chem only

Rad & Chem

Complete

Partial

Waste Site: 100-F-49



SUBMITTED TO:

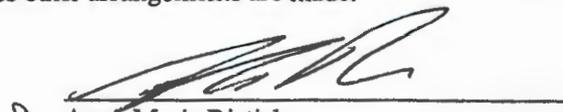
Joan Kessner
Washington Closure Hanford
2620 Fermi Avenue, MSIN H4-21
Richland, WA 99354

REFERENCE DATA:

Client Sample No.:	J169B9
P.O. No.:	Not Available
Sample Location:	100-F-49
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	08-A-0472
DCL Sample ID No.:	08-02557
Sample Receipt Date:	2/5/08
Analysis Date:	2/6/08

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


for 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..

CINCINNATI OFFICE
4388 GLENDALE-MILFORD ROAD
CINCINNATI, OHIO 45242-3706
513 733-5336, FAX 513 733-5347

WEST COAST OFFICE
11 SANTA YORMA COURT
NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

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

Client: Washington Closure Hanford
Location: 100-F-49
Set ID: 08-A-0472

Client Sample ID:	J169B9
DCL Sample ID:	08-02557
Macroscopic Examination	
Accepted/Rejected:	Accepted
Homogeneity:	Homog.
Color:	Grey
Texture:	Fbrs/Resns
Description:	Material
Analysis:	PLM
Asbestiform Minerals	
% Chrysotile:	>20 ≤ 30
% Amosite:	
% Crocidolite:	
% Tremolite - Actinolite:	
% Anthophyllite:	
% Total Asbestos:	>20 ≤ 30
Other Materials	
% Cellulose:	
% Fiberglass:	
% Other Fibers:	>30 ≤ 40
% Resin/Binder:	>10 ≤ 20
% Non Fibrous:	>5 ≤ 10

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-030-069		Page 1 of 1	
Collector BA 2/4/08 Wich-Koelling Hudson, Bill		Company Contact Matt Perrott		Telephone No. 372-9088		Project Coordinator KESSNER, JH		Price Code 9C Data Turnaround 24 Hours	
Project Designation Remaining Sites Confirmation Sampling - Other Solid		Sampling Location 100-F-49		SAF No. RC-030					
Ice Chest No. FED EX BOX (Large)		Field Logbook No. EL-1601-2		COA C00F49A000		Method of Shipment FED EX			
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A080127		Bill of Lading/Air Bill No. See O5PC					
POSSIBLE SAMPLE HAZARDS/REMARKS		Preservation		None					
Special Handling and/or Storage		Type of Container		Whirl Pack					
		No. of Container(s)		1					
		Volume		5g					
				Asbestos-BULK-EPA					
SAMPLE ANALYSIS 08-A-0472									
Sample No.	Matrix *	Sample Date	Sample Time						
J169B9 08-02557	OTHER SOLID	2/4/08	0745	X					
J169C0	OTHER SOLID								
J169CT	OTHER SOLID								
J169Q2	OTHER SOLID								
J169C3 BA 2/4/08	OTHER SOLID								
CHAIN OF POSSESSION				SPECIAL INSTRUCTIONS				Matrix *	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		S=Soil SE=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Dry Solids DL=Dry Liquids T=Tissues WJ=Wipe L=Liquid V=Vegetation X=Other	
BILL HUDSON Hudson		2/4/08 1115		KMSingleton		2-4-08 1115			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
KMSingleton		2-4-08 1500		FED EX					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
						2/5/08 1330			
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			