

0076345

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

COMPLETE COPY OF DATA PACKAGE TO:

RECEIVED
FEB 26 2008

Kathy Wendt H4-21

KW 2/6/08
INITIAL/DATE

EDMC

COMMENTS:

SDG 08-A-0497

SAF-RC-030

Rad only

Chem only

Rad & Chem

Complete

Partial

Waste Site: 100-F-49



2/6/08
Page 1 of 2

SUBMITTED TO:

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

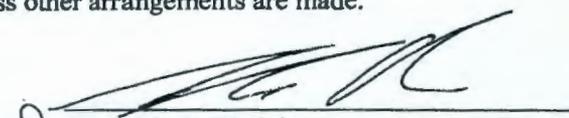


REFERENCE DATA:

Client Sample No.:	J163H4 through J163H5
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-0497
DCL Sample ID No.:	08-02667 through 08-02668
Sample Receipt Date:	2/6/08
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


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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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-0497

Client Sample ID:	J163H4	J163H5
DCL Sample ID:	08-02667	08-02668
Macroscopic Examination		
Accepted/Rejected:	Accepted	Accepted
Homogeneity:	Homog.	Homog.
Color:	Grey	Black
Texture:	Cmpt/Fbrs	Crumbly
Description:	Transite	Material
Analysis:	PLM	PLM
Asbestiform Minerals		
% Chrysotile:	>10 ≤ 20	
% Amosite:		
% Crocidolite:	>3 ≤ 5	
% Tremolite - Actinolite:		
% Anthophyllite:		
% Total Asbestos:	>13 ≤ 25	ND
Other Materials		
% Cellulose:		>3 ≤ 5
% Fiberglass:		
% Other Fibers:		
% Resin/Binder:		
% Non Fibrous:	>70 ≤ 80	>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-030-059		Page 1 of 1																																																													
Collector HUDSON		Company Contact		Telephone No.		Project Coordinator KESSNER, JH		Price Code 9C																																																													
Project Designation Remaining Sites Confirmation Sampling - Other Solid		Sampling Location 100-F-49		SAF No. RC-030		Data Turnaround 24 Hours																																																															
Ice Chest No. FED EX BOX		Field Logbook No. EL-1601-2		COA CO0F49 A000		Method of Shipment FED EX																																																															
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A080128		Bill of Lading/Air Bill No. See OSPC																																																																	
POSSIBLE SAMPLE HAZARDS/REMARKS																																																																					
Special Handling and/or Storage																																																																					
<table border="1"> <tr> <td>Preservation</td> <td>None</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Type of Container</td> <td>Whirl Pack</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>No. of Container(s)</td> <td>1</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Volume</td> <td>5g</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										Preservation	None									Type of Container	Whirl Pack									No. of Container(s)	1									Volume	5g																												
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<p style="text-align: center;">SAMPLE ANALYSIS</p> <p style="font-size: 2em; text-align: center;">08-A-04.97</p> <p style="text-align: right;">Asbestos-BULK-EPA</p>																																																																					
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Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		<p>samples from 3728 Ref # 25 3728 Custodian removed samples for shipping on 2/5/08. Sampler unavailable to relinquish</p>																																																													
HUDSON Hudson		1/24/08 1530		3728 #2C		1/24/08 1530																																																															
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3728 #2C		2-5-08-0825		MMSingleton		2-5-08 0825																																																															
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MMSingleton		2-5-08 1500		FED EX																																																																	
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LABORATORY SECTION		Received By		Title		Date/Time																																																															
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time																																																															