

0074686

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 11/27/07
INITIAL/DATE

COMMENTS:

SDG 07-A-6394

SAF-RC-040

Rad only

Chem only

Rad & Chem

Complete

Partial

Sample Location/Waste Site: 384 Bldg

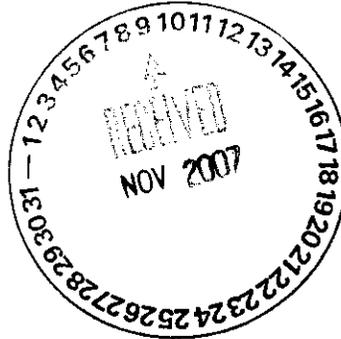
RECEIVED
DEC 06 2007
EDMC



11/9/07
Page 1 of 2

SUBMITTED TO:

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

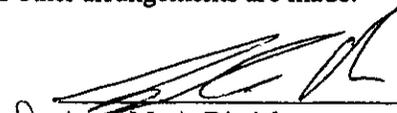


REFERENCE DATA:

Client Sample No.:	J156D8 through J156F0
P.O. No.:	Not Available
Sample Location:	384 Building
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	07-A-6394
DCL Sample ID No.:	07-37030 through 07-37032
Sample Receipt Date:	11/9/07
Analysis Date:	11/9/07

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


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..

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NOVATO, CALIFORNIA 94945
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11/9/07

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

Client: Washington Closure Hanford
Location: 384 Building
Set ID: 07-A-6394

Client Sample ID:	J156D8	J156D9	J156F0
DCL Sample ID:	07-37030	07-37031	07-37032
Macroscopic Examination			
Accepted/Rejected:	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.
Color:	Grey	Grey	Grey
Texture:	Fibrous	Fibrous	Fibrous
Description:	Material	Material	Material
Analysis:	PLM	PLM	PLM
Asbestiform Minerals			
% Chrysotile:			
% Amosite:			
% Crocidolite:			
% Tremolite - Actinolite:			
% Anthophyllite:			
% Total Asbestos:	ND	ND	ND
Other Materials			
% Cellulose:			
% Fiberglass:	>80 ≤ 90	>80 ≤ 90	>60 ≤ 70
% Other Fibers:			>10 ≤ 20
% Resin/Binder:			
% Non Fibrous:	>5 ≤ 10	>5 ≤ 10	>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-040-312		Page 4 of 4	
Collector Mike Stankovich/Tim Lee		Company Contact Tim Lee		Telephone No. 627-8639		Project Coordinator KESSNER, JH		Price Code 9K ^{11/16/07} Data Turnaround ASAP ^{11 Days} ^{11/16/07}	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Solid		Sampling Location 81208 Building ^{11/16/07}		SAF No. RC-040					
Ice Chest No. MED FED EX BOX		Field Logbook No. EL-1518-8		COA See below		Method of Shipment Federal Express			
Shipped To DataChem Laboratories - Salt Lake City ^{11/16/07} Cincinnati		Offsite Property No. A080632		Bill of Lading/Air Bill No. See OSPC					
POSSIBLE SAMPLE HAZARDS/REMARKS ^{11/16/07} Benzylub to Asbestos		Preservation		None					
Special Handling and/or Storage		Type of Container		G/P					
		No. of Container(s)		1					
		Volume		5g					
SAMPLE ANALYSIS				Asbestos-BULK-EPA					
		07-A 6394							
Sample No. 07		Matrix *		Sample Date		Sample Time			
J156D88 37030		OTHER SOLID		11/8/07		0756		X	
J156P0 D9 37031		OTHER SOLID		↓		0758		X	
J156F10 37032		OTHER SOLID		↓		0800		X	
J156F2 ^{11/16/07}		OTHER SOLID							
J156F3 ^{11/16/07}		OTHER SOLID							
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 Sampling COA - 730000-1000 ^{11/16/07} R38100 1000	
Mike Stankovich		11/8/07		Tim Lee		11-8-07 0845			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
Tim Lee		11-8-07 1500		FED EX					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
Tim Lee		11/9/07 143		Tim Lee					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		Rush!	
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			
						11/9/07/1047			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			

11/16/07