

SAF-RC-006
100-N Ancillary Facilities & 190-DR
Other Solid Sampling for ERDF Waste
Designation
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

James Crocker X5-50

KW 1/30/2008
INITIAL/DATE

Amy Hood X5-50

KW 1/30/2008
INITIAL/DATE

Tom Edmundson X5-50

KW 1/30/2008
INITIAL/DATE**COMMENTS:****SDG 08-A-0332****SAF-RC-006**

Rad only

 Chem only

Rad & Chem

 Complete

Partial

Waste Site(s): 1724 N Black PACM**RECEIVED**
FEB 01 2008**EDMC**



**DATA
CHEM**
LABORATORIES, INC.

1/29/08
Page 1 of



SUBMITTED TO:

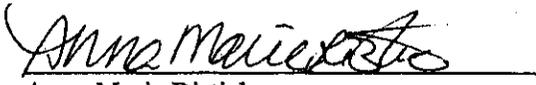
Joan Kessner
Washington Closure Hanford
2620 Fermi Avenue, MSIN H4-21
Richland, WA 99354

REFERENCE DATA:

Client Sample No.:	J16932
P.O. No.:	Not Available
Sample Location:	1724 N Blank PACM
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	08-A-0332
DCL Sample ID No.:	08-01931
Sample Receipt Date:	1/25/08
Analysis Date:	1/29/08

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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1/29/08

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

Client: Washington Closure Hanford
Location: 1724 N Blank PACM
Set ID: 08-A-0332

Client Sample ID: J16932
DCL Sample ID: 08-01931

Macroscopic Examination

Accepted/Rejected: Accepted
Homogeneity: Layered
Inseparable
Color: Black/Grey
Texture: Crmby/Fbrs
Description: Material
Analysis: PLM

Asbestiform Minerals

% Chrysotile:
% Amosite:
% Crocidolite:
% Tremolite - Actinolite:
% Anthophyllite:
% Total Asbestos: ND

Other Materials

% Cellulose:
% Fiberglass:
% Other Fibers: >20 ≤ 30

% Resin/Binder: >10 ≤ 20
% Non Fibrous: >40 ≤ 50

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-006-158	Page 1 of 1
Collector Amy Hood		Company Contact Amy Hood		Telephone No. 373-6621		Project Coordinator KESSNER, JH	
Project Designation 100-N Ancillary Facilities & 190-DR Other Solid Sampling f		Sampling Location 1724 N Black PACM		SAF No. RC-006		Price Code 9K Data Turnaround 7 Days	
Ice Chest No. FED EX BOX		Field Logbook No. EL-1516-11		COA RD4MXX2F00		Method of Shipment Fed Ex	
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A086126		Bill of Lading/Air Bill No. SEE OSPC			
POSSIBLE SAMPLE HAZARDS/REMARKS N/A potential at 1-23-08 KCM Special Handling and/or Storage N/A				Preservation None			
				Type of Container G/P			
				No. of Container(s) 1			
				Volume 5g			
SAMPLE ANALYSIS 08-A-0332				Asbestos- BULK-EPA			
Sample No.	Matrix *	Sample Date	Sample Time				
J16932 01931	OTHER SOLID	1-23-08	1234	X			
CHAIN OF POSSESSION				Sign/Print Names		SPECIAL INSTRUCTIONS	
Relinquished By/Removed From Amy Hood		Date/Time 1-23-08 1555		Received By/Stored In 3728 3A		Date/Time 1-23-08 1555	
Relinquished By/Removed From 3728, 3A		Date/Time 1-24-08 1015		Received By/Stored In M. [Signature]		Date/Time 1-24-08 1015	
Relinquished By/Removed From M. [Signature]		Date/Time 1-24-08 1500		Received By/Stored In FED EX		Date/Time	
Relinquished By/Removed From FED EX		Date/Time		Received By/Stored In J. [Signature]		Date/Time 1-25-08 1553	
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 [Signature]		Title 1/25/08 1553		Date/Time	
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time	