

SAF-RC-040
300 Area D&D Waste Characterization
Sampling - Other Solid
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Barry Lawrence L1-07

KW 12/16/08
INITIAL/DATE

COMMENTS:

SDG 08-A-6788

SAF-RC-040

Rad only

Chem only

Rad & Chem

Complete

Partial

Sample Location/Waste Site: 309 Building

RECEIVED
DEC 22 2008
EDMC



12/9/08
Page 1 of 2

SUBMITTED TO:

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

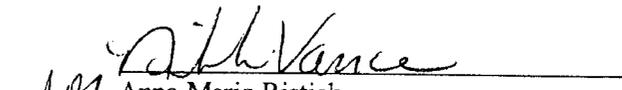


REFERENCE DATA:

Client Sample No.:	J17WN3
P.O. No.:	Not Available
Sample Location:	309 Building
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	08-A-6788
DCL Sample ID No.:	08-38091
Sample Receipt Date:	12/9/08
Analysis Date:	12/9/08

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.

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: 309 Building
Set ID: 08-A-6788

Client Sample ID:	J17WN3
DCL Sample ID:	08-38091
Macroscopic Examination	
Accepted/Rejected:	Accepted
Homogeneity:	Homog.
Color:	Grey
Texture:	Crmby/Fbrs
Description:	Material
Analysis:	PLM
Asbestiform Minerals	
% Chrysotile:	
% Amosite:	
% Crocidolite:	
% Tremolite - Actinolite:	
% Anthophyllite:	
% Total Asbestos:	ND
Other Materials	
% Cellulose:	>5 ≤ 10
% Fiberglass:	>20 ≤ 30
% Other Fibers:	
% Resin/Binder:	
% Non Fibrous:	>50 ≤ 60

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		Page 2 of 10	
Collector J. Myrbach	Company Contact JOAN KESSNER	Telephone No. 375-4688	Project Coordinator KESSNER, JH	RC-040-370	Price Code 9K
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli	Sampling Location 309 BUILDING	Field Logbook No. EL-1518-10	SAF No. RC-040	Data Turnaround 7 Days RUSH	
Ice Chest No. AFS-04-042	Field Logbook No. EL-1518-10	COA RD4MXX2F00	Method of Shipment FED EX		
Shipped To DataChem Laboratories - Cincinnati 12-8-08	Offsite Property No. A090141	Bill of Lading/Air Bill No. FedEx FEB 12-8-08 SEE OSPC			
POSSIBLE SAMPLE HAZARDS/REMARKS POSSIBLE ASBESTOS (ACM)					
Special Handling and/or Storage DOUBLE BAG					
Sample No.	Matrix *	Sample Date	Sample Time	Preservation	None
J17WN3	OTHER SOLID	12-4-08	14:10	G/P	
J17WN4	OTHER SOLID	12-4-08	14:10	1	
J17WN5	OTHER SOLID	12-4-08	14:10	5g	
J17WN6	OTHER SOLID	12-4-08	14:10	Asbestos - BULK-EPA	
J17WN7	OTHER SOLID	12-4-08	14:10		
SAMPLE ANALYSIS 08-A-6788					
CHAIN OF POSSESSION					
Relinquished By/Removed From J. Myrbach	Received By/Stored In Blawie	Date/Time 12-4-08 14:34	Date/Time 12-4-08 14:18		
Relinquished By/Removed From Blawie	Received By/Stored In 1060/2C	Date/Time 12-4-08 08:30	Date/Time 12-4-08 08:30		
Relinquished By/Removed From 1060/2C	Received By/Stored In J.E. Berghel	Date/Time 12-8-08 09:00	Date/Time 12-8-08 11:33		
Relinquished By/Removed From J.E. Berghel	Received By/Stored In FED EX	Date/Time 12-8-08	Date/Time 12-8-08		
Relinquished By/Removed From	Received By/Stored In	Date/Time	Date/Time		
Relinquished By/Removed From	Received By/Stored In	Date/Time	Date/Time		
LABORATORY SECTION	Received By Wilson	Title ALS DCLC	Date/Time 12/9/08	Date/Time 11:33	
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By			