

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

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21

KW 9/15/08
INITIAL/DATE

COMMENTS:

SDG 08-A-4784

SAF-RC-030

Rad only

Chem only

Rad & Chem

Complete

Partial

Waste Site: 100-D-76

RECEIVED
SEP 29 2008
EDMC



9/12/08
Page 1 of 2

SUBMITTED TO:

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

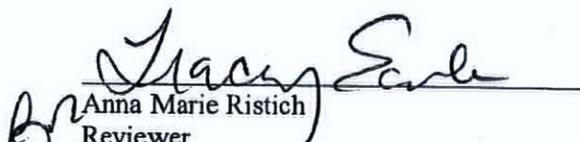


REFERENCE DATA:

Client Sample No.:	J17HP8
P.O. No.:	Not Available
Sample Location:	100-D-76
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	08-A-4784
DCL Sample ID No.:	08-26909
Sample Receipt Date:	9/12/08
Analysis Date:	9/12/08

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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9/12/08

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

Client: Washington Closure Hanford
Location: 100-D-76
Set ID: 08-A-4784

Client Sample ID:	J17HP8
DCL Sample ID:	08-26909
Macroscopic Examination	
Accepted/Rejected:	Accepted
Homogeneity:	Homog.
Color:	Black
Texture:	Resns/Fbrs
Description:	Material
Analysis:	PLM
Asbestiform Minerals	
% Chrysotile:	>30 ≤ 40
% Amosite:	
% Crocidolite:	
% Tremolite - Actinolite:	
% Anthophyllite:	
% Total Asbestos:	>30 ≤ 40
Other Materials	
% Cellulose:	
% Fiberglass:	
% Other Fibers:	
% Resin/Binder:	>40 ≤ 50
% 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 Page 1 of 1

Collector: *SEC* *D. Rios* RC-030-104

Project Designation: Remaining Sites Confirmation Sampling - Other Solid Price Code **9C**

Ice Chest No. *NA* Data Turnaround **24 Hours**

Company Contact: *R. Nielson* Telephone No. 372-9051

Project Coordinator: *KESSNER, JH*

Sampling Location: 100-D-76

SAF No. RC-030

Method of Shipment: Fed Ex

COA: 010D76A000

Offsite Property No. *A080129*

Bill of Lading/Air Bill No. Sec OSPC

POSSIBLE SAMPLE HAZARDS/REMARKS

Sample No.	Matrix *	Sample Date	Sample Time	Preservation	None
J17HP8	OTHER SOLID	09/10/08	1350	Whirl Pack	
J17HP9	OTHER SOLID				
J17HR0	OTHER SOLID				
J17HR1	OTHER SOLID				
J17HR2	OTHER SOLID				

SPECIAL HANDLING and/or Storage

SAMPLE ANALYSIS

08-A-4784

Adhesion: BULK-EPA

CHAIN OF POSSESSION

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
<i>[Signature]</i>	9-10-08	<i>S. Martinez</i>	9-10-08
<i>S. Martinez</i>	09/10/08	<i>J.E. Bernhard</i>	9-11-08
<i>J.E. Bernhard</i>	9-11-08	<i>[Signature]</i>	9-11-08
<i>[Signature]</i>	9-11-08	<i>[Signature]</i>	9-11-08

SPECIAL INSTRUCTIONS

Sampler unavailable to remove samples from controlled storage. Shipper removed samples from storage location taking custody of samples for shipment to lab.

Matrix *
 S-Seal
 SF-Sediment
 SO-Solid
 SL-Sludge
 W-Water
 O-Oil
 A-Air
 DS-Drum Solids
 DL-Drum Liquids
 T-Tissue
 W-Wipe
 L-Liquid
 V-Vegetation
 X-Other

LABORATORY SECTION

Received By: *[Signature]* Title

FINAL SAMPLE DISPOSITION

Disposed By: *[Signature]* Date/Time: *9/12/08 / 1057*

WCH-EE-011 *knw*