

SAF-B03-017
Remaining Sites Confirmation
Sampling-Other Solid
FINAL DATA PACKAGE

MAIL COMPLETE COPY OF DATA PACKAGE TO:

Mike Stankovich H9-02

NB/11/29/04
INITIAL/DATE

Bob Hynes X0-17

NB/11/29/04
INITIAL/DATE

Jeanette Duncan 3 copies clipped

NB/11/29/04
INITIAL/DATE

COMMENTS: (PLEASE INCLUDE THE FOLLOWING ON THE COVER SHEET)

SDG **D00438** **SAF B03-017**

Rad only Chem only Rad & Chem

X Complete Partial

Sample Location/Waste Site: 100-F-14



10/18/04
Page 1 of 2

SUBMITTED TO:

Joan Kessner
Bechtel Hanford
3190 George Washington Way, MSIN H9-02
Richland, WA 99352

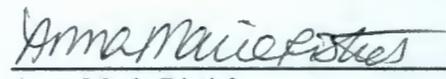


REFERENCE DATA:

Client Sample No.:	J01VD3
P.O. No.:	Not Available
Sample Location:	100-F-14
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	04-A-5329
DCL Sample ID No.:	04-29746
Sample Receipt Date:	10/18/04
Analysis Date:	10/18/04

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 NIST.

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NOVATO, CALIFORNIA 94945
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D00438

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

Client: Bechtel Hanford
Location: 100-F-14
Set ID: 04-A-5329

Client Sample ID:	J01VD3
DCL Sample ID:	04-29746

Macroscopic Examination

Accepted/Rejected:	Accepted
Homogeneity:	Homog.
Color:	Grey
Texture:	Cmpt/Fbrs
Description:	Transite
Analysis:	PLM

Asbestiform Minerals

% Chrysotile:	>10 ≤ 20
% Amosite:	
% Crocidolite:	>3 ≤ 5
% Tremolite - Actinolite:	
% Anthophyllite:	
% Total Asbestos:	>13 ≤ 25

Other Materials

% Cellulose:	
% Fiberglass:	
% Other Fibers:	
% Resin/Binder:	
% Non Fibrous:	>70 ≤ 80

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.

04-A-5329

Bechtel Hanford Inc.		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				B03-017-233	Page 1 of 1	
Collector Stankovich/Rivera		Company Contact MT Stankovich		Telephone No. 532-7620		Project Coordinator KESSNER, JH	Price Code 9BC	Data Turnaround
Project Designation Remaining Sites Confirmation Sampling-Other Solid		Sampling Location 100-F-14		SAF No. B03-017		Air Quality <input type="checkbox"/>		Business Days MS 10/13/04
Ice Chest No. FED EX BOX		Field Logbook No. EL-1578-3		COA C10F14 6700		Method of Shipment Hand Delivered Fed EX		
Shipped To MS 10-13-04 Waste Sampling & Characterization Data Chem		Offsite Property No. NA		Bill of Lading/Air Bill No. NA-845200652371				
POSSIBLE SAMPLE HAZARDS/REMARKS asbestos			Preservation	None				
Special Handling and/or Storage			Type of Container	Poly Bag				
			No. of Container(s)	1				
			Volume	50g				
SAMPLE ANALYSIS				Asbestos PLM (BULK) EPA	MS 10/15/04			
Sample No.	Matrix *	Sample Date	Sample Time					
J01VD3	OTHER SOLID	10-13-04	1030	*				
	01-20146							
CHAIN OF POSSESSION					SPECIAL INSTRUCTIONS			Matrix *
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		S=Soil SE=Sediment SO=Solid SL=Sludge W = Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Time WI=Wipe L=Liquid V=Vegetation X=Other
Chris Rivera		10/13/04 1330		3728 Ref. 2B		10/13/04 1330		
REF 2B		3728 161504 1100		SIGALE		10/15/04 1100		
SIGALE		10/15/04 1100		FED EX				
				M. A. Will		10/18/04 10:01		
LABORATORY SECTION					Personnel not available to Relinquish samples from 3728 Ref # 2B on 10/15/04			
Received By		M. A. Will		Title		Date/Time		10/18/04 10:01
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time		