

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

E:MAIL RESULTS TO:

Ella Feist

N/A
INITIAL/DATE

Mike Stankovich

N/A
INITIAL/DATE

MAIL COMPLETE COPY OF DATA PACKAGE TO:

Ella Feist

H9-01

BF
INITIAL/DATE

Mike Stankovich

H9-02

BF } 4/23
INITIAL/DATE

Jeanette Duncan

BF
INITIAL/DATE

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

SDG

20030423

SAF-B03-017

Rad only Chem only Rad & Chem

Complete Partial

Sample Location/Waste Site: 128-C-1

RECEIVED
MAY 30 2003
EDMC

WSCF
ANALYTICAL LABORATORY REPORT

ANALYSIS OF BULK SAMPLES FOR FIBER CONTENT

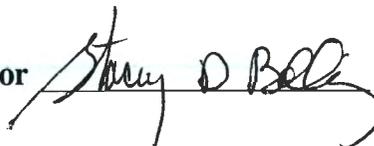
for

Bechtel Hanford, Inc.
MSIN H0-25
Richland, WA 99352

Attention: J. Kessner MSIN: H0-25

Survey ID J00KF4

Data Validator



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Group#: 20030423
Report Date 14-apr-2003
bulk/rev.5

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Fluor Hanford, Inc.
MSIN: S3-28
Richland, WA 99352

Phone 373-7403



WSCF
ANALYTICAL LABORATORY REPORT
ANALYSIS OF BULK SAMPLES FOR FIBER CONTENT

Your samples have been analyzed for fiber content using polarized light microscopy and dispersion staining in accordance with Industrial Hygiene Laboratory Procedure LA-519-403, based on 40 CFR Part 763, Subpart E, App. E and EPA method EPA/600/R-93/116. The results are attached.

This method provides a visual estimate of the percentage of each fiber type present. It is a semiquantitative method intended to identify materials containing $>$ or $=$ 1% asbestos fibers.* Reported fiber percentages for samples and sample layers are based on the samples as received by the laboratory. The laboratory cannot verify that these values are representative of the original material sampled.

The Waste Sampling and Characterization Facility is accredited by the American Industrial Hygiene Association (AIHA) to analyze bulk samples for asbestos content. This accreditation does not constitute approval or endorsement of analytical results by AIHA.

If there are questions concerning this report, please contact the data validator listed on the cover page of this report.

* Because of the nonhomogeneous nature of soils, results will be reported using the following terms rather than percentages:

1. None - No asbestos fibers found.
2. Trace detectable - With extensive searching, a few fibers of the type indicated were found; concentration very low, well below 1%.
3. Obvious presence - Fibers easily found but overall concentration still low.
4. Significant presence - Fibers readily found; overall concentration may approach or exceed 1% level.

Polarized light microscopy (PLM) may not be the preferred method for identification of asbestos in floor tile. Most vinyl floor tiles marketed in the late sixties to mid-seventies contained asbestos milled so fine as to be below detection limits for PLM techniques. Tiles of that vintage, showing any detectable asbestos fibers should be considered to be asbestos-containing material. Non-detection of asbestos by PLM should not be considered conclusive proof that the tiles do not contain asbestos. Results for such samples will be reported as 'indeterminate'. Confirmatory analysis by TEM is strongly recommended.

WSCF

ANALYTICAL LABORATORY REPORT

Attention: J. Kessner MSIN: H0-25

Group #: 20030423

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W03I000536	J00KF4	The following are the results of this test- Bulk Asbestos Layer 1							
		Cellulose	20-40	%		mkh	03/25/03	03/27/03	04/01/03
		SAMPLE COMMENT--- Non-homogeneous black fibrous tar, woven grid and imbedded							
		SAMPLE COMMENT--- fibers and tar, reportedly from 128-C-1. No asbestos was							
		SAMPLE COMMENT--- found in this sample.							

RDL - Reporting Detection Limit RDL is $\geq 2 \times$ MDL

RQ=Result Qualifier J - Estimated value.

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Bechtel Hanford, Inc.

WSCF ANALYTICAL COMMENT REPORT

Attention: J. Kessner MSIN: H0-25

Group #: 20030423

Sample #	Client ID	Lab Area	Test	Comment
W031000536	J00KF4	VALGROUP LOGSAMP		Validated 4/14/03 by SD Bolling, IM Technical Manager. SAMPLE ACCEPTABLE FOR RECEIPT. REC'D BY V SIMS AND LOGGED BY MK GRANT 3/27/03.
		TESTDATA	Bulk Asbestos Layer 1	Non-homogeneous black fibrous tar, woven grid and imbedded fibers and tar, reportedly from 128-C-1. No asbestos was found in this sample.

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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