

WSCF0005

0047939



WSCF
ANALYTICAL LABORATORY REPORT

ANALYSIS OF BULK SAMPLES FOR FIBER CONTENT

for

Bechtel Hanford Inc
Richland , WA 99352

Attention: C Koerner B1-35/DS Smith X5-53

Survey ID

Data Validator

M. Hamilton
(Approved Signatory)



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Group#: 97000774
Report Date 3-jun-1997
bulk/rev.2

Rust Federal Services of Handford, Inc.
MSIN: S3-28
Richland, WA 99352

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 HAPR70-5, 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 National Institute of Standards and Technology (NIST), National Voluntary Laboratory Accreditation Program (NVLAP), to analyze bulk samples for asbestos content. This accreditation does not constitute approval or endorsement of analytical results by NIST nor does it apply to other analyses performed by this laboratory.

If there are questions concerning this report, please contact the approved signatory 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. Follow-up analysis by other techniques may be required.

WSCF

ANALYTICAL LABORATORY REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W97I000932	BOL273	The following are the results of this test-	Bulk Asbestos Layer 1						
		Cellulose		100	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	100% grey fluffy fibrous bundle							
W97I000933	BOL275	The following are the results of this test-	Bulk Asbestos Layer 1						
		Cellulose		100	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	100% grey fluffy fibrous bundle							
W97I000934	BOL277	The following are the results of this test-	Bulk Asbestos Layer 1						
		Cellulose		100	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	100% grey fluffy fibrous bundle							
W97I000935	BOK9R5	The following are the results of this test-	Bulk Asbestos Layer 1						
		Cellulose		10-20	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		20-30	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	95% grey/white paper material							
W97I000935	BOK9R5	The following are the results of this test-	Bulk Asbestos Layer 2						
		Cellulose		95-98	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	5% yellow woven material with above.							

MDL=Minimum Detection Limit

RQ=Result Qualifier

B - The analyte was detected in the associated method blank.

J - Estimated value.

N - Identification is based on a mass spectral library search.

U - The analyte was analyzed for but not detected.

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Bechtel Hanford Inc

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ANALYTICAL LABORATORY REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W97I000936	BOK9R6	The following are the results of this test: Bulk Asbestos Layer 1							
		Cellulose		10-20	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		20-30	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 98% gray/white paper material							
W97I000936	BOK9R6	The following are the results of this test: Bulk Asbestos Layer 2							
		Cellulose		95-98	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 2% yellow woven material with above.							
W97I000937	BOK9R7	The following are the results of this test: Bulk Asbestos Layer 1							
		Cellulose		10-20	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		20-30	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 98% gray/white paper material							
W97I000937	BOK9R7	The following are the results of this test: Bulk Asbestos Layer 2							
		Cellulose		95-98	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 2% yellow woven material with above.							
W97I000938	BOK9R8	The following are the results of this test: Bulk Asbestos Layer 1							
		Amosite Asbestos		4-8	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		40-60	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 98% white fluffy/granular with tan coating (will consider							
		SAMPLE COMMENT--- as one layer)							

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ANALYTICAL LABORATORY REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W971000938	BOK9R8	The following are the results of this test-	Bulk Asbestos Layer 2						
		Cellulose		95-98	%	dws	05/15/97	05/16/97	06/03/97
		SAMPLE COMMENT---	2% yellow woven layer with above.						
		SAMPLE COMMENT---	This layer was not reported in the preliminary report.						
W971000939	BOK9R9	The following are the results of this test-	Bulk Asbestos Layer 1						
		Amosite Asbestos		2-4	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		40-60	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT---	99% white fluffy granular and fibrous						
W971000939	BOK9R9	The following are the results of this test-	Bulk Asbestos Layer 2						
		Cellulose		95-98	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT---	1% tan woven material with above.						
W971000940	BOK9T0	The following are the results of this test-	Bulk Asbestos Layer 1						
		Amosite Asbestos		2-4	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		40-60	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT---	99% white fluffy granular and fibrous material						
W971000940	BOK9T0	The following are the results of this test-	Bulk Asbestos Layer 2						
		Cellulose		95-98%	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT---	1% tan woven material with above.						

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Bechtel Hanford Inc

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ANALYTICAL LABORATORY REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W97I000941	BOK9T5	The following are the results of this test- Bulk Asbestos Layer 1							
		Chrysotile Asbestos		10-20	%	dws1	05/15/97	05/16/97	05/22/97
		Amosite Asbestos		4-8	%	dws1	05/15/97	05/16/97	05/22/97
		Mineral Wool		40-50	%	dws1	05/15/97	05/16/97	05/22/97
		Cellulose		5-10	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	100% white fibrous and granular mixture (mineral wool in							
	SAMPLE COMMENT---	clumps)							
W97I000942	BOK9T6	The following are the results of this test- Bulk Asbestos Layer 1							
		Cellulose		1-2	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		20-30	%	dws1	05/15/97	05/16/97	05/22/97
		Amosite Asbestos		4-8	%	dws1	05/15/97	05/16/97	05/22/97
		Mineral Wool		40-60	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	100% white/grey fibrous and granular mixture (mineral wool							
	SAMPLE COMMENT---	mostly in clumps)							
W97I000943	BOK9T7	The following are the results of this test- Bulk Asbestos Layer 1							
		Cellulose		1-2	%	dws1	05/15/97	05/16/97	05/22/97
		Mineral Wool		20-30	%	dws1	05/15/97	05/16/97	05/22/97
		Amosite Asbestos		4-8	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		40-50	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	100% white/grey fibrous and granular mixture (mineral wool							
	SAMPLE COMMENT---	mostly in clumps)							

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ANALYTICAL LABORATORY REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W97I000944	BOK9T8	<u>The following are the results of this test:</u>		<u>Bulk Asbestos Layer 1</u>					
		Mineral Wool		3-6	%	dws1	05/15/97	05/16/97	05/22/97
		Cellulose		4-8	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 95% beige granular and fibrous mixture							
W97I000944	BOK9T8	<u>The following are the results of this test:</u>		<u>Bulk Asbestos Layer 2</u>					
		Cellulose		30-40	%	dws1	05/15/97	05/16/97	05/22/97
		Fiberglass		60-70	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 5% white woven material with above							
W97I000945	BOK9T9	<u>The following are the results of this test:</u>		<u>Bulk Asbestos Layer 1</u>					
		Chrysotile Asbestos		30-40	%	dws1	05/15/97	05/16/97	05/22/97
		Amosite Asbestos		4-8	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 100% white/grey granular and fibrous mixture							
		SAMPLE COMMENT--- Chrysotile value revised slightly from preliminary report							
		SAMPLE COMMENT--- based on QC analysis.							
W97I000946	BOK9V0	<u>The following are the results of this test:</u>		<u>Bulk Asbestos Layer 1</u>					
		Cellulose		1-2	%	dws1	05/15/97	05/16/97	05/22/97
		Amosite Asbestos		4-8	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		40-50	%	dws1	05/15/97	05/16/97	05/22/97
		SAMPLE COMMENT--- 100% white fibrous and granular mix							
		SAMPLE COMMENT--- Chrysotile result lowered slightly from preliminary report							
		SAMPLE COMMENT--- based on QC data.							

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ANALYTICAL LABORATORY REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W97I000947	BOK9V1	<u>The following are the results of this test-</u>		<u>Bulk Asbestos Layer 1</u>					
		Amosite Asbestos		2-4	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		25-35	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	95% white granular and fibrous material							
	SAMPLE COMMENT---	Result lowered slightly from preliminary report based on							
	SAMPLE COMMENT---	QC data.							
W97I000947	BOK9V1	<u>The following are the results of this test-</u>		<u>Bulk Asbestos Layer 2</u>					
		Cellulose		95-98	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	5% tan woven material with above.							
W97I000948	BOK9V2	<u>The following are the results of this test-</u>		<u>Bulk Asbestos Layer 1</u>					
		Synthetic		1-2	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		20-30	%	dws1	05/15/97	05/16/97	05/22/97
		Cellulose		40-60	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	98% grey fibrous compressed material							
W97I000948	BOK9V2	<u>The following are the results of this test-</u>		<u>Bulk Asbestos Layer 2</u>					
		Cellulose		100	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	2% tan woven material with above.							

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ANALYTICAL LABORATORY REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
W971000949	BOK9V3	The following are the results of this test-	Bulk Asbestos Layer 1						
		Cellulose		40-60	%	dws1	05/15/97	05/16/97	05/22/97
		Chrysotile Asbestos		5-10	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	98% grey fibrous compressed material							
W971000949	BOK9V3	The following are the results of this test-	Bulk Asbestos Layer 2						
		Cellulose		95-98	%	dws1	05/15/97	05/16/97	05/22/97
	SAMPLE COMMENT---	2% white woven material with above.							

MDL=Minimum Detection Limit

RQ=Result Qualifier

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J - Estimated value.

N - Identification is based on a mass spectral library search.

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ANALYTICAL COMMENT REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Lab Area	Test	Comment
W971000932	BOL273	VALGROUP		Validated 6/3/97 by MK Hamilton.
		LOGSAMP		LOGGED BY MKG 5/19/97.
				All samples reportedly from attic of 3706 Bldg.
		TESTDATA	Bulk Asbestos Layer 1	100% grey fluffy fibrous bundle
W971000933	BOL275	TESTDATA	Bulk Asbestos Layer 1	100% grey fluffy fibrous bundle
W971000934	BOL277	TESTDATA	Bulk Asbestos Layer 1	100% grey fluffy fibrous bundle
W971000935	BOK9R5	TESTDATA	Bulk Asbestos Layer 1	95% grey/white paper material
		TESTDATA	Bulk Asbestos Layer 2	5% yellow woven material with above.
W971000936	BOK9R6	TESTDATA	Bulk Asbestos Layer 1	98% grey/white paper material
		TESTDATA	Bulk Asbestos Layer 2	2% yellow woven material with above.
W971000937	BOK9R7	TESTDATA	Bulk Asbestos Layer 1	98% grey/white paper material
		TESTDATA	Bulk Asbestos Layer 2	2% yellow woven material with above.
W971000938	BOK9R8	TESTDATA	Bulk Asbestos Layer 1	98% white fluffy/granular with tan coating (will consider as one layer)
		TESTDATA	Bulk Asbestos Layer 2	2% yellow woven layer with above.
				This layer was not reported in the preliminary report.
W971000939	BOK9R9	TESTDATA	Bulk Asbestos Layer 1	99% white fluffy granular and fibrous
		TESTDATA	Bulk Asbestos Layer 2	1% tan woven material with above.
W971000940	BOK9T0	TESTDATA	Bulk Asbestos Layer 1	99% white fluffy granular and fibrous material
		TESTDATA	Bulk Asbestos Layer 2	1% tan woven material with above.
W971000941	BOK9T5	TESTDATA	Bulk Asbestos Layer 1	100% white fibrous and granular mixture (mineral wool in clumps)
W971000942	BOK9T6	TESTDATA	Bulk Asbestos Layer 1	100% white/grey fibrous and granular mixture (mineral wool mostly in clumps)
W971000943	BOK9T7	TESTDATA	Bulk Asbestos Layer 1	100% white/grey fibrous and granular mixture (mineral wool mostly in clumps)
W971000944	BOK9T8	TESTDATA	Bulk Asbestos Layer 1	95% beige granular and fibrous mixture

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

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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ANALYTICAL COMMENT REPORT

Attention: C Koerner B1-35/DS Smith X5-53

Group #: 97000774

Sample #	Client ID	Lab Area	Test	Comment
W97I000945	BOK9T9	TESTDATA	Bulk Asbestos Layer 2	5% white woven material with above.
		TESTDATA	Bulk Asbestos Layer 1	100% white/grey granular and fibrous mixture Chrysotile value revised slightly from preliminary report based on QC analysis.
W97I000946	BOK9V0	TESTDATA	Bulk Asbestos Layer 1	100% white fibrous and granular mix Chrysotile result lowered slightly from preliminary report based on QC data.
		TESTDATA	Bulk Asbestos Layer 1	95% white granular and fibrous material Result lowered slightly from preliminary report based on QC data.
W97I000948	BOK9V2	TESTDATA	Bulk Asbestos Layer 2	5% tan woven material with above.
		TESTDATA	Bulk Asbestos Layer 1	98% grey fibrous compressed material
W97I000949	BOK9V3	TESTDATA	Bulk Asbestos Layer 2	2% tan woven material with above.
		TESTDATA	Bulk Asbestos Layer 1	98% grey fibrous compressed material
		TESTDATA	Bulk Asbestos Layer 2	2% white woven material with above.

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

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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Radiation Zone Sample: ☒ Yes ☐ NoReleased by: *Vollbre Abbott*

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Contractor: ICF-KH PNL WHC (circle one) or Other: BHI

Survey No: 300-PS-006

Collected by (Print Name):

Phone:

Signature:

Date Collected

*Doug Bowers**376-8489-98*

Work Order #

Org Code:

Charge Code:

WSCF Groups:

PZT A02

Approval Signature:

Shipped by:

Date Shipped:

Send Report to:

RSIN:

Phone/pager:

(cc:)

RSIN:

*D. Bowers**N128**376-8498*

Sample Information

Results Needed By:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<i>935-</i>	<i>BOK9R5</i>	<i>Bldg 3706 Attic</i>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<i>936 ✓</i>	<i>BOK9R6</i>	<i>Bldg 3706 Attic</i>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<i>937 ✓</i>	<i>BOK9R7</i>	<i>Bldg 3706 Attic</i>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<i>938 ✓</i>	<i>BOK9R8</i>	<i>Bldg 3706 Attic</i>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<i>939 ✓</i>	<i>BOK9R9</i>	<i>Bldg 3706 Attic</i>	

Description:

Chain of Custody

Relinquished By: Print	Sign	Date/Time	Company	Received By: Print	Sign	Date/Time	Company
<i>R. Fahlberg</i>	<i>RFahlberg</i>	<i>5-16-97</i>	<i>0930</i>	<i>CHT</i>	<i>SC Cobb</i>	<i>05/16/97</i>	<i>0930</i>

Quality:

Unless a prior arrangement is in place, analysis will be done in accordance with the WSCF Quality Assurance Project Plan for Industrial Hygiene Analyses

Final Sample Disposition:

Samples are held at the WSCF laboratory for at least 6 months. They are then discarded as asbestos-containing waste.

Return Copy of Form with Report

4/18.

Westinghouse Hanford Company
WSCF Laboratory

**BULK ASBESTOS SAMPLE REQUEST
CHAIN OF CUSTODY FORM (Cont)**

Contractor: ICF-KH PNL WHC (circle one) or Other: BHI

Page 2 of 3

Work Order #/Org Code/Charge Code:

Survey #: 300-95-0061

WSCF Group #:

Sample Information

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>940</u>	<u>BOK9T0</u>	<u>3706 Attic</u>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>941</u>	<u>BOK9T5</u>	<u>3706 Attic</u>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>942</u>	<u>BOK9T6</u>	<u>3706 Attic</u>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>943</u>	<u>BOK9T7</u>	<u>3706 Attic</u>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>944</u>	<u>BOK9T8</u>	<u>3706 Attic</u>	

Description:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>945</u>	<u>BOK9T9</u>	<u>3706 Attic</u>	

Description:

Chain of Custody

Relinquished By: Print	Sign	Date/Time	Company	Received By: Print	Sign	Date/Time	Cont
<u>P. Fahlgren</u>	<u>RF</u>	<u>5-16-97</u>	<u>0930</u>	<u>CHT</u>	<u>SL Cobb</u>	<u>05/16/97</u>	<u>0930</u>

Quality:

Unless a prior arrangement is in place, analysis will be done in accordance with the WSCF Quality Assurance Project Plan for Industrial Hygiene Analyses

Final Sample Dispositions:

Samples are held at the WSCF laboratory for at least 6 months. They are then discarded as asbestos-containing waste.

Return Copy of Form with Report

Radiation Zone Sample: ☒ Yes ☐ No

Released by:

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Contractor: ICF-KH PNL WHC (circle one) or Other: BHI

Survey No: 300-PS-00

Collected by (Print Name):

Phone:

Signature:

Date Collected:

Work Order #

Opq Code:

Charge Code:

WSCF Group:

Approval Signature:

Shipped by:

Date Shipped:

Send Report To:

MSIN:

Phone/pager:

(CC):

MSIN:

Sample Information

Results Needed By:

WSCF Lab No.

Sample ID No.

Room/Bldg/Area

Specific Location/Type

946 ✓

BOK 910

3706 Attic

Description:

WSCF Lab No.

Sample ID No.

Room/Bldg/Area

Specific Location/Type

947 ✓

BOK 9V1

3706 Attic

Description:

WSCF Lab No.

Sample ID No.

Room/Bldg/Area

Specific Location/Type

948 ✓

BOK 9V2

3706 Attic

Description:

WSCF Lab No.

Sample ID No.

Room/Bldg/Area

Specific Location/Type

949 ✓

BOK 9V3

3706 Attic

Description:

WSCF Lab No.

Sample ID No.

Room/Bldg/Area

Specific Location/Type

950 ✓

BOK 9V4

3706 Attic

Description:

Chain of Custody

Relinquished By: Print

Sign

Date/Time

Company

Received By: Print

Sign

Date/Time

0930

R. Fahlgren (R. Fahlgren), 5-16-92 0930 CHI

SL Cobb (Sandra Cobb)

05/16/92

Quality:

Unless a prior arrangement is in place, analysis will be done in accordance with the WSCF Quality Assurance Project Plan for Industrial Hygiene Analyses

Final Sample Disposition:

Samples are held at the WSCF laboratory for at least 6 months. They are then discarded as asbestos-containing waste.

Return Copy of Form with Report

4/12

Radiation Zone Sample: ☒ Yes ☐ No

Released by:

Page 1 of 1

Contractor: ICF-KH PNL WHC (circle one) or Other: BHI

Survey No:

Collected by (Print Name):

Phone:

Signature:

Date Collected:

Doug Bowers

376-8498

Doug Bowers

5-15-97

Work Order #

Org Code:

Charge Code:

WSCF Group:

P2TAD2

97000774

Approval Signature:

Shipped by:

Date Shipped:

Send Report To:

MSIN:

Phone/pager:

(cc):

MSIN:

Sample Information

Results Needed By:

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>W97I000932-</u>	<u>BOL273</u>	<u>Attic/3706/300</u>	<u>Blow insulation</u>
Description: <u>Blow insulation</u>			

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>933</u>	<u>BOL275</u>	<u>Attic/3706/300</u>	<u>Blow insulation</u>
Description: <u>Blow insulation</u>			

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>934</u>	<u>BOL277</u>	<u>Attic/3706/300</u>	<u>Blow insulation</u>
Description: <u>Blow insulation</u>			

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
<u>933</u>	<u>BOL275</u>	<u>Attic/3706/300</u>	<u>Blow insulation</u>
Description: <u>Blow insulation</u>			

WSCF Lab No.	Sample ID No.	Room/Bldg/Area	Specific Location/Type
Description:			

Chain of Custody

Relinquished By: Print	Sign	Date/Time	Company	Received By: Print	Sign	Date/Time	Company
<u>R. Fellberg</u>	<u>R. Fellberg</u>	<u>5-16-97</u>	<u>CH</u>	<u>SL Cobb</u>	<u>SL Cobb</u>	<u>05/16/97</u>	<u>CH</u>

Quality:

Unless a prior arrangement is in place, analysis will be done in accordance with the WSCF Quality Assurance Project Plan for Industrial Hygiene Analyses

Final Sample Disposition:

Samples are held at the WSCF laboratory for at least 6 months. They are then discarded as asbestos-containing waste.

Return Copy of Form with Report

4/12/95