

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 152ND AVENUE SUITE</u> City, State, Zip: <u>REDMOND, WA 98052</u> Contact: <u>DAVID L. WELCH</u> Phone: <u>425-861-4561</u> Fax: <u>425-869-7820</u> Other info/Special Instructions: <u>Cloudy, wind NW 5-15 mph Low 35° High 50°</u>	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 6 hours
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Project Name: LIBBY, MT SECTION HOUSE Project No.: 5242.01 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1.	1 Blank	4-23-01	—	—	—	—	—	—	—	—	—	Yes
2.	2 Decor. chamber (clean room)		0834	1711	517	6.5	9.3	7.9	4084		X	
3.	3 HEPA vac room		0834	1711	517	5.5	5.5	5.5	2844		X	
4.	4 Storage garage		0836	1713	517	6.0	6.0	6.0	3102		X	
5.	5 Negative air exhaust		0835	1713	518	6.0	6.3	6.2	3212		X	
6.	6 Section office		0832	1712	520	6.0	5.9	6.0	3120		X	
7.	7 Signal Maintainer's Office/Shop	Y	0832	1712	520	6.0	5.8	5.9	3068		X	
8.	8 Jake Graham - bagging vermiculite		0813	0844	31	2.9	2.9	2.9	90	X		
9.	9 ↓ ↓ ↓		0844	1203	199	2.9	2.9	2.9	577	X		
10.	10 ↓ ↓ ↓	↓	1321	1702	221	2.9	2.9	2.9	641	X		
11.												
12.												
13.												

Relinquished by: <u>Scott Rler</u>	Received by: _____	Date: <u>4-24-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010462

Report Date: April 26, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242 01
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	Apr 25, 2001	By: DJ
Prep:	Apr 25, 2001	By: MH
	Apr 26, 2001	MH
Verified:	Apr 25, 2001	By: MH
Reviewed:	Apr 26, 2001	By: DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010462-01 Outside	2	Decon Chamber (Clean Room)	ASBESTOS	<0.0005	0 - 0.002	0	0	0.0005	4084.0	40	385	0.2114	DW	4/25/01
			NON-ASBESTOS	0.015	0.010 - 0.020	34								
			Richterite	0.0005	0 - 0.002	1								
			Winchite	0.0005	0 - 0.002	1								
			TOTAL	0.018	0.010 - 0.024	36								
010462-02 Outside	3	HEPA Vac Room	ASBESTOS	NOT ANALYZED										
			NON-ASBESTOS											
			TOTAL											
010462-03 Outside	4	Storage Garage	ASBESTOS	<0.0003	0 - 0.001	0	0	0.0003	3102.0	40	385	0.4026	DW	4/25/01
			NON-ASBESTOS	0.002	0.001 - 0.004	7								
			Richterite	<0.0003	0 - 0.001	0								
			Winchite	<0.0003	0 - 0.001	0								
			TOTAL	0.002	0.001 - 0.004	7								
010462-04 Outside	5	Negative Air Exhaust	ASBESTOS	<0.0003	0 - 0.001	0	0	0.0003	3212.0	40	385	0.4028	DW	4/26/01
			NON-ASBESTOS	0.001	0.000 - 0.003	3								
			Richterite	<0.0003	0 - 0.001	0								
			Winchite	0.0003	0 - 0.002	1								
			TOTAL	0.001	0.000 - 0.005	4								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AMERA, EPA - Yamate).

01046202.tem

Page 2 of 4

FROM : LAB COR INC

FRX NO. : 3057898424

APR. 26 2001 01:04PM F2

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010462

Report Date: April 26, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.01
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	Apr 25, 2001	By: DJ
Prep:	Apr 25, 2001	By: MH
	Apr 26, 2001	MII
Verified:	Apr 25, 2001	By: MII
Reviewed:	Apr 26, 2001	By: DJW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Fiber Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010462-05	6	Section Office	ASBESTOS	<0.0003	0 - 0.001	0	0	0.0003	3120.0	40	385	0.4026	DW	4/26/01
			NON-ASBESTOS	0.005	0.003 - 0.008	15								
			Richterite	<0.0003	0 - 0.001	0								
			Winchite	<0.0003	0 - 0.001	0								
			TOTAL	0.005	0.003 - 0.008	15								
010462-06	7	Signal Maintainer's Office/Shop	ASBESTOS	<0.0003	0 - 0.001	0	0	0.0003	3068.0	40	385	0.4026	DW	4/25/01
			NON-ASBESTOS	0.002	0.001 - 0.004	5								
			Richterite	<0.0003	0 - 0.001	0								
			Winchite	0.0003	0 - 0.002	1								
			TOTAL	0.002	0.001 - 0.006	6								
010462-07	8	Jake Graham - Bagging Vermiculite	ASBESTOS	<0.021	0 - 0.078	0	0	0.021	98.0	20	385	0.2013	DW	4/26/01
			NON-ASBESTOS	0.425	0.239 - 0.611	20								
			Richterite	<0.021	0 - 0.078	0								
			Winchite	0.170	0.073 - 0.335	8								
			TOTAL	0.595	0.312 - 0.946	28								
010462-08	8	Jake Graham - Bagging Vermiculite	ASBESTOS	0.003	0.000 - 0.018	1	5	0.003	577.0	20	385	0.2013	DW	4/25/01
			NON-ASBESTOS	0.070	0.040 - 0.099	21								
			Richterite	0.003	0.000 - 0.018	1								
			Winchite	0.010	0.002 - 0.029	3								
			TOTAL	0.086	0.042 - 0.164	26								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01046202.tem

Page 3 of 4

FROM : LAB COR INC

HAX NO. : 2067898424

Apr. 26 2001 01:05PM P3

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010462

Report Date: April 26, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.01
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	Apr 25, 2001	By: DJ
Prep:	Apr 25, 2001	By: MH
	Apr 26, 2001	MH
Verified:	Apr 25, 2001	By: MH
Reviewed:	Apr 26, 2001	By: DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010462-09 Inside	10	Jake Graham - Bagging Vermiculite	ASBESTOS	<0.001	0 - 0.006	0	0	0.001	641.0	40	385	0.4026	DW	4/25/01
			NON-ASBESTOS	0.013	0.006 - 0.025	9								
			Richterite	<0.001	0 - 0.006	0								
			Winchite	0.003	0.000 - 0.011	2								
			TOTAL	0.018	0.006 - 0.036	11								
010462-10 Blank	1	Blank	ASBESTOS	0	NA - NA	0	0	0	0	40	385	0.4026	DW	4/25/01
			NON-ASBESTOS	0	NA - NA	1								
			Richterite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	1								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamatic).

01046202.tem

Page 4 of 4

FROM : LAB COR INC

FOX NO. : 2067898424

Apr. 26 2001 01:06PM PA

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, INC.</u> Address: <u>2509 152ND AVE NE 5TH E</u> City, State, Zip: <u>REDMOND WA 98052</u> Contact: <u>DAVID L. WELCH</u> Phone: <u>425-861-4561</u> Fax: <u>425-869-7820</u> Other info/Special Instructions: <u>Partly cloudy, N wind 0-5 mph, Low 35, High 60</u>	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other: _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 6 hours
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Project Name: LIBBY, MT SECTION HOUSE Project No.: 5242.01 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1. 11	Signal Shop/office	4-24-01	0740	1516	456	4.1	3.1	3.6	1642		X	
2. 12	Section office		0740	1516	456	6.0	5.9	6.0	2736		X	
3. 13	Decom. chamber (clean room)		0742	1519	457	6.5	6.4	6.5	2971		X	
4. 14	HEPA vacuum room		0742	1519	457	5.5	5.3	5.4	2468		X	
5. 15	Negative air exhaust		0744	1522	458	6.4	6.5	6.5	2977		X	
6. 16	Storage Garage		0744	1522	458	6.4	6.5	6.5	2977		X	
7. 17	Blank		-	-	-	-	-	-	-	-	-	Yes
8. 18	Tim Dyer - HEPA vacuum		0803	0833	30	2.2	2.2	2.2	66	X		
9. 19	Tim Dyer - HEPA vacuum		0833	1012	159	2.2	2.2	2.2	350	X		
10. 20	Tim Dyer - HEPA vacuum	↓	1220	1447	147	2.2	2.2	2.2	323	X		
11.												
12.												
13.												

Relinquished by: <u>[Signature]</u>	Received by: _____	Date: <u>4-25-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010470

Report Date: April 27, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.01
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information	
Log in:	Apr 26, 2001 By: DJ
Prep:	Apr 26, 2001 By: MII
Verified:	Apr 26, 2001 By: MII
Reviewed:	Apr 27, 2001 By: DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count	Opt. Vis. Asb. Fiba. (%)	Analytical Sens. (struc/cc)	Volume (liters)	Number of Grid Openings	Fiber Area (µm ²)	Area Analyzed (µm ²)	Analyst	Analysis Date
010470-01 Outside	11	Signal Shop / Office	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1642.0	40	385	0.4026	DW	4/28/01
			NON-ASBESTOS	0.005	0.002 - 0.010	9								
			Richierite	0.001	0.000 - 0.003	1								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.006	0.002 - 0.013	10								
010470-02 Outside	12	Section Office	ASBESTOS	<0.0004	0 - 0.001	0	0	0.0004	2736.0	40	385	0.4026	DW	4/28/01
			NON-ASBESTOS	0.003	0.002 - 0.006	10								
			Richierite	<0.0004	0 - 0.001	0								
			Winchite	0.001	0.000 - 0.003	3								
			TOTAL	0.004	0.002 - 0.009	13								
010470-03 Outside	13	Dacon Chamber (Clean Room)	ASBESTOS	0.001	0.000 - 0.002	2	5	0.0003	2971.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.011	0.008 - 0.015	35								
			Richierite	<0.001	0.000 - 0.001	0								
			Winchite	0.001	0.000 - 0.002	2								
			TOTAL	0.012	0.008 - 0.019	39								
010470-04 Outside	14	HEPA Vacuum Room	ASBESTOS NON-ASBESTOS Richierite Winchite TOTAL	NOT ANALYZED										

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AIHRA, EPA - Yamate).

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010470

Report Date: April 27, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: Apr 26, 2001 By: DJ
Prep: Apr 26, 2001 By: MH
Verified: Apr 26, 2001 By: MH
Reviewed: Apr 27, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (struc/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010470-05 Outside	15	Negative Air Exhaust	ASBESTOS	<0.0003	0 - 0.001	0	0	0.0003	2977.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.002	0.001 - 0.004	6								
			Richterite	<0.0003	0 - 0.001	0								
			Winchite	<0.0003	0 - 0.001	0								
			TOTAL	0.002	0.001 - 0.004	6								
010470-06 Outside	16	Storage Garage	ASBESTOS	0.0003	0.000 - 0.002	1	4	0.0003	2977.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.008	0.005 - 0.011	24								
			Richterite	<0.0003	0 - 0.001	0								
			Winchite	0.002	0.001 - 0.004	5								
			TOTAL	0.0103	0.006 - 0.017	30								
010470-07 Blank	17	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	DW	4/26/01
			NON-ASBESTOS	0	NA - NA	1								
			Richterite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	1								
010470-08 Inside	18	Tim Dyer - HEPA Vacuum	ASBESTOS	<0.041	0 - 0.153	0	0	0.041	66.0	40	385	0.1409	DW	4/26/01
			NON-ASBESTOS	0.497	0.257 - 0.868	12								
			Richterite	<0.041	0 - 0.153	0								
			Winchite	<0.041	0 - 0.153	0								
			TOTAL	0.497	0.257 - 0.868	12								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

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01047002.tem

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Apr 27 01 12:13P
FROM : LAB COR INC

EMR Redmond

FAX NO. : 2067998424

14258697820

Apr. 27 2001 12:55PM P3

P.4

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010470

Report Date: April 27, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: Apr 26, 2001 By: DJ
Prep: Apr 26, 2001 By: MHI
Verified: Apr 26, 2001 By: MHI
Reviewed: Apr 27, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min Aspect Ratio: 3:1
Min Length: 5 µm
Min Width: 0.25 µm

PRELIMINARY TABLE
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010470-09 Inside	18	Tim Dyer - HEPA Vacuum	ASBESTOS	<0.005	0 - 0.020	0	0	0.005	350.0	20	385	0.2013	DW	4/26/01
			NON-ASBESTOS	0.115	0.066 - 0.164	21								
			Richterite	<0.005	0 - 0.020	0								
			Winchite	0.022	0.008 - 0.058	4								
			TOTAL	0.137	0.072 - 0.220	25								
010470-18 Inside	20	Tim Dyer - HEPA Vacuum	ASBESTOS	0.006	0.000 - 0.033	1	5	0.006	323.0	20	385	0.2013	DW	4/26/01
			NON-ASBESTOS	0.107	0.063 - 0.168	18								
			Richterite	<0.006	0 - 0.020	0								
			Winchite	0.012	0.000 - 0.043	2								
			TOTAL	0.125	0.063 - 0.244	21								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

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01047002.tem

Page 4 of 4

Apr 27 01 12:13P
FROM : LAB COR INC

EMR Redmond

FRX NO. : 2067898424

14258697820

Apr. 27 2001 12:56PM PA

P. 3

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 152nd AVE NE SUITE E</u> City, State, Zip: <u>REDMOND, WA 98052</u> Contact: <u>DAVID L. WELCH</u> Phone: <u>425-861-4561</u> Fax: <u>425-867-7820</u> Other info/Special Instructions: <u>Mostly clear, wind S 0-20 mph, low 40's,</u> <u>High 80's.</u>	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input checked="" type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 6 hours
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Project Name: LIBBY, MT SECTION HOUSE Project No.: 5242.01 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1. 21	Blank	4-25-01	-	-	-	-	-	-	-	-	-	Yes
2. 22	Section office		06:23	14:38	495	5.5	5.3	5.4	2673		X	
3. 23	Signal office/shop		06:23	14:38	495	4.0	3.6	3.8	1881		X	
4. 24	Decor. chamber (clean room)		06:25	14:49	504	5.6	5.0	5.3	2671		X	
5. 25	HEPA vacuum room		06:25	14:49	504	5.6	5.2	5.4	2732		X	
6. 26	Storage garage		06:28	14:39	491	6.1	5.3	5.7	2799		X	
7. 27	Negative air exhaust		06:28	14:39	491	6.3	6.0	6.2	3044		X	
8. 28	Jake Graham - HEPA vacuum		06:17	06:47	30	2.2	2.2	2.2	66		X	
9. 29	Jake Graham - HEPA vacuum		06:47	11:06	259	2.2	2.2	2.2	570		X	
10. 30	Jake Graham - HEPA vacuum	↓	12:23	14:36	133	2.2	2.2	2.2	293		X	
11.												
12.												
13.												

Relinquished by: <u>Scott Rhen</u>	Received by: <u>4-26-01</u>	Date: <u>4-26-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

Apr 29 01 09:28a
 FROM : LAB COR INC
 EMR Redmond
 FRX NO. : 2067898424
 Apr 29 2001 01:41AM PS
 14258697820
 P.5

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010479

Report Date: April 29, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.01
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	Apr 27, 2001	By: DJ
Prep:	Apr 27, 2001	By: MII
Verified:	Apr 27, 2001	By: MII
Reviewed:	Apr 29, 2001	By: DN

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
 Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (fibers/cc)	95% Confidence Interval (fibers/cc)	Fibr. Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (fibers/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010479-10	21	Blank	ASBESTOS	NA	NA - NA	0	NA	NA		40	385	0.4026	DN	4/28/01
			NON-ASBESTOS	NA	NA - NA	0								
			Richterite	NA	NA - NA	0								
			Whchite	NA	NA - NA	0								
			TOTAL	NA	NA - NA	0								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010479

Report Date: April 29, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: Apr 27, 2001 By: DJ
Prep: Apr 27, 2001 By: MII
Verified: Apr 27, 2001 By: MII
Reviewed: Apr 29, 2001 By: DN

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (fibers/cc)	95% Confidence Interval (fibers/cc)	Fibr. Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (fibers/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010479-01 Outside	22	Section Office	ASBESTOS	0.001	0.000 - 0.003	2	8	0.000	2973.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.008	0.005 - 0.012	21								
			Richterite		0.000 - 0.003	0								
			Winchite	0.001	0.000 - 0.003	2								
		TOTAL	0.009	0.006 - 0.012	25									
010479-02 Outside	23	Signal Office/Shop	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1881.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.006	0.003 - 0.011	12								
			Richterite	0.001	0.000 - 0.003	1								
			Winchite		0 - 0.002	0								
		TOTAL	0.007	0.004 - 0.011	13									
010479-03 Outside	24	Decon Chamber (Clean Room)	ASBESTOS	<0.000	0 - 0.001	0	0	0.000	2671.0	40	386	0.4026	DW	4/27/01
			NON-ASBESTOS	0.003	0.001 - 0.006	9								
			Richterite		0 - 0.001	0								
			Winchite		0 - 0.001	0								
		TOTAL	0.003	0.001 - 0.006	9									

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01047903.lem

Page 2 of 5

Apr 29 01 08:27a
FROM : LAB COR INC

EMR Redmond

FAX NO. : 206.7998424

Apr. 29 2001 01:39am PZ

14258697820

P. 2

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report Number: 010479

Report Date: April 29, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.01
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information			
Login:	Apr 27, 2001	By:	DJ
Prep:	Apr 27, 2001	By:	MH
Verified:	Apr 27, 2001	By:	MH
Reviewed:	Apr 29, 2001	By:	DN

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (fibers/cc)	95% Confidence Interval (fibers/cc)	Fibr. Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sets. (fibers/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date	
010478-04 Outside	25	HEPA Vacuum Room	ASBESTOS	NOT ANALYZED											
			NON-ASBESTOS												
			TOTAL												
010478-05 Outside	26	Storage Garage	ASBESTOS	0.000	0.000 - 0.002	1	7	0.000	2799.0	40	385	0.4026	DW	4/27/01	
			NON-ASBESTOS	0.004	0.002 - 0.008	12									
			Richellite		0.000 - 0.002	0									
			Winchite	0.001	0.000 - 0.002	2									
			TOTAL	0.005	0.003 - 0.008	15									
010479-06 Outside	27	Negative Air Exhaust	ASBESTOS	<0.000	0 - 0.001	0	0	0.000	3044.0	40	385	0.4026	DW	4/27/01	
			NON-ASBESTOS	0.000	0.000 - 0.002	1									
			Richellite		0 - 0.001	0									
			Winchite		0 - 0.001	0									
			TOTAL	0.000	0.000 - 0.002	1									

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yarnale).

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010479

Report Date: April 29, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Logn: Apr 27, 2001 By: DJ
Prep: Apr 27, 2001 By: MII
Verified: Apr 27, 2001 By: MII
Reviewed: Apr 29, 2001 By: DN

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (fibers/cc)	95% Confidence Interval (fibers/cc)	Fibr. Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (fibers/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010479-07 Inside	28	Jake Graham - HEPA Vacuum	ASBESTOS	<0.014	0 - 0.053	0	0	0.014	66.0	40	385	0.4026	DN	4/28/01
			NON-ASBESTOS	0.043	0.009 - 0.127	3								
			Richterite		0 - 0.053	0								
			Winchite		0 - 0.053	0								
			TOTAL	0.043	0.009 - 0.127	3								
010479-08 Inside	29	Jake Graham - HEPA Vacuum	ASBESTOS	0.002	0.000 - 0.009	1	7	0.002	570.0	40	385	0.4328	DN	4/28/01
			NON-ASBESTOS	0.011	0.007 - 0.027	7								
			Richterite	0.003	0.000 - 0.012	2								
			Winchite	0.006	0.002 - 0.016	4								
			TOTAL	0.022	0.012 - 0.037	14								
010479-09 Inside	30	Jake Graham - HEPA Vacuum	ASBESTOS	0.003	0.000 - 0.015	1	4	0.003	293.0	40	385	0.4731	DN	4/28/01
			NON-ASBESTOS	0.036	0.028 - 0.077	13								
			Richterite	0.014	0.005 - 0.033	5								
			Winchite	0.011	0.003 - 0.029	4								
			TOTAL	0.054	0.038 - 0.090	23								

% Optically Visible Asbestos Fibers = (NA Asbestos / N Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamale).

01047903.sem

Page 4 of 5

Apr 29 01 08:27a
FROM : LAB COR INC

EMR Redmond

FAX NO. : 206 799424

Apr. 29 2001 01:40am PD

14258697820

P. 4

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 152nd Ave NE, Suite E</u> City, State, Zip: <u>Redmond, WA 98002</u> Contact: <u>David Welch</u> Phone: <u>(425) 861-4561</u> Fax: <u>(425) 869-7820</u> Other info/Special Instructions: _____ _____ _____	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other: _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 6 hours
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Project Name: Libby, MT Section House Project No.: 5242.01 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1. 31	Blanks	4-26-01	-	-	-	-	-	-	-	-	-	Yes
2. 32	Section Office	 ↓	0638	1133	295	7.0	7.4	7.2	2184		+	
3. 33	Signal Office/shop		0638	1133	295	3.5	3.8	3.7	1092		+	
4. 34	Acon. chamber (clean room)		0640	1138	298	9.0	10.0	9.5	2831		+	
5. 35	HEPA vacuum room		0640	1138	298	9.3	10.0	9.7	2891		+	
6. 36	Storage garage		0641	1131	290	7.0	7.8	7.4	2146		+	
7. 37	Negative air exhaust		0641	1131	290	6.4	6.4	6.4	1856		+	
8. 38	T. Dyer - clean		0651	0721	30	2.2	2.2	2.2	66		+	
9. 39	T. Dyer - clean		0721	1107	226	2.2	2.2	2.2	497		+	
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott Rhea</u>	Received by: _____	Date: <u>4-30-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

May 02 2001 09:45AM P10

FAX NO. : 2067996424

FROM : LAB COR INC

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010490

Report Date: May 2, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: May 1, 2001 By: DJ
Prep: May 1, 2001 By: MH
Verified: May 1, 2001 By: MH
Reviewed: May 2, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010490-09	31	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	365	0.4026	DW	5/20/01
			NON-ASBESTOS	0	NA - NA	0								
			Richerite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL											

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01049002.tem

Page 4 of 4

MAY 03 01 03:06P

EMR Redmond

14258697820

P. 2

May 02 2001 09:44AM PB

FAX NO. : 2067898424

FROM : LAB COR INC

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010490

Report Date: May 2, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: S242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: May 1, 2001 By: DJ
Prep: May 1, 2001 By: MH
Verified: May 1, 2001 By: MH
Reviewed: May 2, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sene. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010490-01 Outside	32	Section Office	ASBESTOS	<0.0004	0 - 0.002	0	0	0.0004	2124.0	40	385	0.4328	DN	5/1/01
			NON-ASBESTOS	0.004	0.002 - 0.006	10								
			Richterite	0.0004	0 - 0.002	1								
			Winchite	<0.0004	0 - 0.002	0								
			TOTAL	0.0044	0.002 - 0.010	11								
010490-02 Outside	33	Signal Office / Shop	ASBESTOS	<0.001	0 - 0.003	0	0	0.001	1092.0	40	385	0.4026	DN	5/1/01
			NON-ASBESTOS	0.002	0.000 - 0.006	2								
			Richterite	<0.001	0 - 0.003	0								
			Winchite	<0.001	0 - 0.003	0								
			TOTAL	0.002	0.000 - 0.006	2								
010490-03 Outside	34	Decon Chamber (Clean Room)	ASBESTOS	<0.0003	0 - 0.001	0	0	0.0003	2831.0	40	385	0.4127	DN	5/1/01
			NON-ASBESTOS	0.003	0.002 - 0.006	10								
			Richterite	<0.0003	0 - 0.001	0								
			Winchite	<0.0003	0 - 0.001	0								
			TOTAL	0.003	0.002 - 0.006	10								
010490-04 Outside	35	HEPA Vacuum Room	ASBESTOS	0.001	0.000 - 0.003	3	21	0.0003	2891.0	40	385	0.4026	JH	5/1/01
			NON-ASBESTOS	0.004	0.002 - 0.007	11								
			Richterite	0.0003	0.000 - 0.002	2								
			Winchite	0.002	0.001 - 0.004	6								
			TOTAL	0.0073	0.003 - 0.016	22								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, BPA - Yamate).

01049002.tem

Page 2 of 4

MAY 03 01 03:07P

EMR Redmond

14258697820

P. 3

May/ 02 2001 09:44AM P9

FAX NO. : 2067898424

FROM : LAB COR INC

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010490

Report Date: May 2, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: May 1, 2001 By: DJ
Prep: May 1, 2001 By: MH
Verified: May 1, 2001 By: MH
Reviewed: May 2, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy -- NIOSH -- Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010490-05 Outside	36	Storage Garage	ASBESTOS	<0.0005	0 - 0.002	0	0	0.0005	2146.0	40	385	0.4026	JH	5/2/01
			NON-ASBESTOS	0.002	0.000 - 0.005	4								
			Richterite	<0.0005	0 - 0.002	0								
			Winchite	<0.0005	0 - 0.002	0								
			TOTAL	0.002	0.000 - 0.005	4								
010490-06 Outside	37	Negative Air Exhaust	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1856.0	40	385	0.4026	JH	5/2/01
			NON-ASBESTOS	0.001	0.000 - 0.004	2								
			Richterite	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.001	0.000 - 0.004	2								
010490-07 Inside	38	T Dyer - Clean	ASBESTOS	<0.014	0 - 0.053	0	0	0.014	68.0	40	385	0.4026	DW	5/2/01
			NON-ASBESTOS	0.072	0.023 - 0.169	5								
			Richterite	<0.014	0 - 0.053	0								
			Winchite	0.029	0.004 - 0.105	2								
			TOTAL	0.101	0.027 - 0.274	7								
010490-08 Inside	39	T Dyer - Clean	ASBESTOS	<0.002	0 - 0.007	0	0	0.002	497.0	40	385	0.4026	DW	5/2/01
			NON-ASBESTOS	0.010	0.003 - 0.022	5								
			Richterite	<0.002	0 - 0.007	0								
			Winchite	<0.002	0 - 0.007	0								
			TOTAL	0.010	0.003 - 0.022	5								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

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01049002.tem

Page 3 of 4

May 03 01 03:07P

EMR Redmond

14258697820

P. 4

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc</u> Address: <u>2509 152nd Ave NE, Suite E</u> City, State, Zip: <u>Redmond, WA 98052</u> Contact: <u>David Welch</u> Phone: <u>(425) 861-4561</u> Fax: <u>(425) 867-7820</u> Other info/Special Instructions: _____ _____ _____	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other: _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input checked="" type="checkbox"/> 6 hours
---	---	---	---

Project Name: Libby, MT Section House Project No.: 5242.01 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1.	<u>40 Clearance - North center of attic</u>	<u>4-26-01</u>	<u>1153</u>	<u>1423</u>	<u>150</u>	<u>10.3</u>	<u>10.0</u>	<u>10.2</u>	<u>1530</u>	<u>+</u>		
2.	<u>41 Clearance - West end of attic</u>	↓	<u>1153</u>	<u>1423</u>	<u>150</u>	<u>10.5</u>	<u>10.1</u>	<u>10.3</u>	<u>1545</u>	<u>+</u>		
3.	<u>42 Clearance - Southwest side of attic</u>	↓	<u>1153</u>	<u>1423</u>	<u>150</u>	<u>10.1</u>	<u>9.9</u>	<u>10.0</u>	<u>1500</u>	<u>+</u>		
4.	<u>43 Clearance - South center of attic</u>	↓	<u>1153</u>	<u>1423</u>	<u>150</u>	<u>10.0</u>	<u>10.0</u>	<u>10.0</u>	<u>1500</u>	<u>+</u>		
5.	<u>44 Clearance - Southeast corner, attic</u>	↓	<u>1153</u>	<u>1423</u>	<u>150</u>	<u>10.0</u>	<u>9.9</u>	<u>10.0</u>	<u>1500</u>	<u>+</u>		
6.	<u>45 Blank</u>	↓	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Yes</u>
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott W. R.</u>	Received by: _____	Date: <u>4-26-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report Number: 010478

Report Date: April 27, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.01
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	Apr 27, 2001	By: DJ
Prep:	Apr 27, 2001	By: MH
Verified:	Apr 27, 2001	By: MH
Reviewed:	Apr 27, 2001	By: DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
 Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (Liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010478-01 Inside	40	Clearance	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1530.0	40	385	0.4026	JH	4/27/01
			NON-ASBESTOS	0.004	0.001 - 0.008	6								
			Richiesta	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.004	0.001 - 0.008	6								
010478-02 Inside	41	Clearance	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1545.0	40	385	0.4026	JH	4/27/01
			NON-ASBESTOS	0.004	0.001 - 0.008	8								
			Richiesta	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.004	0.001 - 0.008	8								
010478-03 Inside	42	Clearance	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1600.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.006	0.003 - 0.012	10								
			Richiesta	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.006	0.003 - 0.012	10								
010478-04 Inside	43	Clearance	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1500.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.001	0.000 - 0.005	2								
			Richiesta	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.001	0.000 - 0.005	2								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010478

Report Date: April 27, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: Apr 27, 2001 By: DJ
Prep: Apr 27, 2001 By: MII
Verified: Apr 27, 2001 By: MII
Reviewed: Apr 27, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
UTDA78-05 inside	44	Clearance	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1500.0	40	385	0.4026	DW	4/27/01
			NON-ASBESTOS	0.006	0.003 - 0.011	9								
			Richardsite	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.006	0.003 - 0.011	9								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01047800.tem

Page 3 of 3

APR 27 01 03:05P
FROM: LAB COR INC

EMR Redmond

FAX NO.: 2067898424

14258697820

APR 27 2001 03:46PM P3

P. 4

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 152nd Ave NE, Suite E</u> City, State, Zip: <u>Redmond, WA 98002</u> Contact: <u>David Welch</u> Phone: <u>(425) 861-4561</u> Fax: <u>(425) 869-7820</u> Other info/Special Instructions: _____ _____ _____	Analytical Protocol: _____ AHERA _____ Mod. EPA II _____ TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 _____ NIOSH 7500 _____ ASTM Surface Dust Other _____	Requested Turnaround Time: _____ 7 days _____ 5 days _____ 3 days _____ 48 hours <input checked="" type="checkbox"/> 24 hours _____ 12 hours _____ 6 hours
---	--	---	---

Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg.				
1.	<u>1 Brian Burnhand</u>	<u>4-26-01</u>	<u>1513</u>	<u>1628</u>	<u>75</u>	<u>2.2</u>	<u>2.2</u>	<u>2.2</u>	<u>165</u>	<input checked="" type="checkbox"/>		
2.	<u>2 Center of west storage room</u>	<u>↓</u>	<u>1516</u>	<u>1628</u>	<u>72</u>	<u>9.8</u>	<u>10.0</u>	<u>9.9</u>	<u>713</u>	<input checked="" type="checkbox"/>		
3.	<u>3 Blank</u>	<u>↓</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>			<u>Yes</u>
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott R. R.</u>	Received by: _____	Date: <u>4-30-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

May 02 2001 09:35AM P3

FAX NO. : 2067898424

FROM : LAB COR INC

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010487

Report Date: May 2, 2001

Client Information
Project Name: BNSF Libby, MT Section House
Project No.: 5242.03
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Logis: May 1, 2001 By: DJ
Prep: May 1, 2001 By: MH
Verified: May 1, 2001 By: MH
Reviewed: May 2, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010487-01 Test	1	Brian Burnhard	ASBESTOS	<0.005	0 - 0.021	0	0	0.005	165.0	40	385	0.4028	DW	5/1/01
			NON-ASBESTOS	0.064	0.032 - 0.114	11								
			Richterite	<0.008	0 - 0.021	0								
			Winchite	<0.005	0 - 0.021	0								
			TOTAL	0.064	0.032 - 0.114	11								
010487-02 Test	2	Center of West Storage Room	ASBESTOS	<0.003	0 - 0.010	0	0	0.003	713.0	30	385	0.2013	DW	5/1/01
			NON-ASBESTOS	0.070	0.043 - 0.097	26								
			Richterite	<0.003	0 - 0.010	0								
			Winchite	<0.003	0 - 0.010	0								
			TOTAL	0.070	0.043 - 0.097	26								
010487-03 Blank	3	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0	NA - NA	1								
			Richterite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	1								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

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Page 2 of 2

May 03 01 03:07P

EMR Redmond

14258697820

P.5

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 152nd Ave NE, Suite E</u> City, State, Zip: <u>Redmond, WA 98002</u> Contact: <u>David Welch</u> Phone: <u>(425) 861-4561</u> Fax: <u>(425) 869-7820</u> Other info/Special Instructions: _____ _____ _____	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other: _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 6 hours
---	--	---	---

Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1.	4 Blank	4-27-01	-	-	-	-	-	-	-			yes
2.	5 Koll Carlsteen - clean		0750	1138	228	2.3	2.3	2.3	524	X		
3.	6 Koll Carlsteen - clean		1246	1625	219	2.3	2.3	2.3	504	X		
4.	7 center of west storage room		0750	1139	229	7.0	6.9	7.0	1603	X		
5.	8 center of west storage room		1249	1625	216	6.9	6.9	6.9	1490	X		
6.	9 Dan Braderius - clean sweeper	↓	1319	1611	172	2.5	2.5	2.5	430	X		
7.	and tamper											
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott Rkr</u>	Received by: _____	Date: <u>4-30-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

May-02 2001 09:41AM PS

FAX NO. : 2067898424

FROM : LAB COR INC

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report Number: 010488

Report Date: May 2, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	May 1, 2001	By: DJ
Prep:	May 1, 2001	By: MH
Verified:	May 1, 2001	By: MH
Reviewed:	May 2, 2001	By: DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vls. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010488-01 Test	5	Koll Carlsson - clean	ASBESTOS	<0.002	0 - 0.007	0	0	0.002	524.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0.009	0.003 - 0.021	5								
			Richterite	<0.002	0 - 0.007	0								
			Winchite	<0.002	0 - 0.007	0								
			TOTAL	0.009	0.003 - 0.021	5								
010488-02 Test	6	Koll Carlsson - clean	ASBESTOS	<0.002	0 - 0.007	0	0	0.002	504.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	<0.002	0 - 0.007	0								
			Richterite	<0.002	0 - 0.007	0								
			Winchite	<0.002	0 - 0.007	0								
			TOTAL	<0.002	0 - 0.007	0								
010488-03 Test	7	Center of West Storage Room	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1603.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0.008	0.005 - 0.014	14								
			Richterite	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.008	0.005 - 0.014	14								
010488-04 Test	8	Center of West Storage Room	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1499.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0.003	0.001 - 0.007	4								
			Richterite	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.003	0.001 - 0.007	4								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AJHRA, EPA - Yamate).

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Page 2 of 3

May 03 01 03:07p

EMR Redmond

14258697820

P. 6

May 02 2001 09:43AM PG

FAX NO. : 2067898424

FROM : LAB COR INC

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010488

Report Date: May 2, 2001

Client Information
Project Name: BNSF Libby MT Section House
Project No.: 5242.03
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: May 1, 2001 By: DJ
Prep: May 1, 2001 By: MII
Verified: May 1, 2001 By: MII
Reviewed: May 2, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010488-05 Test	9	Den Broderius - Clean Sweeper	ASBESTOS	<0.002	0 - 0.008	0	0	0.002	430.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0.013	0.005 - 0.029	6								
			Phehrite	<0.002	0 - 0.008	0								
			Winchite	<0.002	0 - 0.008	0								
			TOTAL	0.013	0.005 - 0.029	6								
010488-05 Blank	4	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0	NA - NA	1								
			Phehrite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	1								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01048800.tem

Page 3 of 3

May 03 01 03:08P

EMR Redmond

14258697820

P. 8

Chain of Custody Record

Lab/Cor, Inc.
 7619 6th Avenue NW
 Seattle, WA 98117

 (206) 781-0155 (office)
 (206) 789-8424 (fax)
 mail@labcor.net
 www.labcor.net

Client: EMR, Inc.
 Address: 2509 152nd Ave NE, Suite E
 City, State, Zip: Redmond, WA 98022
 Contact: David Welch
 Phone: (425) 861-4561 Fax: (425) 869-7820
 Other info/Special Instructions: _____

Analytical Protocol:
 _____ AHERA
 _____ Mod. EPA II
 _____ TEM Bulk, Semi-quant.
 NIOSH 7402
 _____ NIOSH 7500
 _____ ASTM Surface Dust
 Other _____

Requested Turnaround Time:
 _____ 7 days
 _____ 5 days
 _____ 3 days
 _____ 48 hours
 24 hours
 _____ 12 hours
 _____ 6 hours

Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1.	10 center of west storage room	4-28-01	0734	1622	528	7.4	7.8	7.6	4013	X		
2.	11 Brian Burnhard - clean	↓	0734	1414	400	2.5	2.5	2.5	1000	X		
3.	12 center of section office	↓	0752	1623	511	8.5	8.8	8.7	4446	X		
4.	13 Blank	↓	-	-	-	-	-	-	-			Yes
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott Rlen</u>	Received by: _____	Date: <u>4-30-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010489

Report Date: May 2, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information			
Login:	May 1, 2001	By:	DJ
Prep:	May 1, 2001	By:	MH
Verified:	May 1, 2001	By:	MH
Reviewed:	May 2, 2001	By:	DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010489-01	10	Center of West Storage Room	ASBESTOS	<0.0002	0 - 0.001	0	0	0.0002	4013.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0.004	0.003 - 0.007	18								
			Richterite	<0.0002	0 - 0.001	0								
			Winchite	<0.0002	0 - 0.001	0								
		TOTAL	0.004	0.003 - 0.007	18									
010489-02	11	Brian Burnham - Clean	ASBESTOS	<0.001	0 - 0.004	0	0	0.001	1000.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0.010	0.005 - 0.018	10								
			Richterite	<0.001	0 - 0.004	0								
			Winchite	<0.001	0 - 0.004	0								
		TOTAL	0.010	0.005 - 0.018	10									
010489-03	12	Center Section of Office	ASBESTOS	<0.0002	0 - 0.001	0	0	0.0002	4446.0	40	385	0.4026	DW	5/1/01
			NON-ASBESTOS	0.002	0.001 - 0.003	7								
			Richterite	<0.0002	0 - 0.001	0								
			Winchite	<0.0002	0 - 0.001	0								
		TOTAL	0.002	0.001 - 0.003	7									

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHBRA, EPA - Yamate).

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 152nd Ave NE, Suite E</u> City, State, Zip: <u>Redmond, WA 98002</u> Contact: <u>David Welch</u> Phone: <u>(425) 861-4561</u> Fax: <u>(425) 869-7820</u> Other info/Special Instructions: _____ _____ _____	Analytical Protocol: _____ AHERA _____ Mod. EPA II _____ TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 _____ NIOSH 7500 _____ ASTM Surface Dust Other: _____	Requested Turnaround Time: _____ 7 days _____ 5 days _____ 3 days _____ 48 hours <input checked="" type="checkbox"/> 24 hours _____ 12 hours _____ 6 hours
---	--	--	---

Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1.	<u>14 Blank</u>	<u>4-30-01</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	
2.	<u>15 center of signal office/shop</u>	<u>↓</u>	<u>0738</u>	<u>1625</u>	<u>527</u>	<u>7.0</u>	<u>7.8</u>	<u>2.4</u>	<u>3900</u>	<u>X</u>		
3.	<u>16 Dan Broderius - clean</u>	<u>↓</u>	<u>0740</u>	<u>1630</u>	<u>530</u>	<u>2.5</u>	<u>2.5</u>	<u>2.5</u>	<u>1325</u>	<u>X</u>		
4.	<u>17 Dan Broderius - clean</u>	<u>↓</u>	<u>1600</u>	<u>1630</u>	<u>30</u>	<u>2.5</u>	<u>2.5</u>	<u>2.5</u>	<u>75</u>	<u>X</u>		
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott Rlen</u>	Received by: _____	Date: <u>5-2-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010499

Report Date: May 3, 2001

Client Information
Project Name: Libby, MT Section House
Project No.: 5242.03
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: May 3, 2001 By: RS
Prep: May 3, 2001 By: MII
Verified: May 3, 2001 By: MII
Reviewed: May 3, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date		
010499-01	14	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	DW	5/3/01		
			NON-ASBESTOS	0	NA - NA	1										
			Richterite	0	NA - NA	0										
			Winchite	0	NA - NA	0										
			TOTAL	0	NA - NA	1										
010499-02	15	Center of Signal Office	ASBESTOS	0.0003	0.000 - 0.001	1	5	0.0003	3800.0	40	385	0.4026	DW	5/3/01		
			NON-ASBESTOS	0.005	0.003 - 0.007	21										
			Richterite	<0.0003	0.000 - 0.001	0										
			Winchite	<0.0003	0.000 - 0.001	0										
			TOTAL	0.0053	0.003 - 0.008	22										
010499-03	16	Dan Broderius-Jean	ASBESTOS	<0.0007	0.000 - 0.002	0	8	0.0007	1325.0	40	385	0.4026	DW	5/3/01		
			NON-ASBESTOS	0.009	0.004 - 0.016	12										
			Richterite	0.0007	0.000 - 0.004	1										
			Winchite	<0.0007	0.000 - 0.002	0										
			TOTAL	0.0097	0.004 - 0.019	13										

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable: For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01049901.tem

Page 2 of 3

May 04 01 06:53a
FROM : LAB COR INC

EMR Redmond

FRX NO. : 2067898424

14258697820

May 03 2001 05:21PM P2

P. 2

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report Number: 010499

Report Date: May 3, 2001

Client Information
Project Name: Libby, MT Section House
Project No.: 5242.03
P. O. No.: Not Available
Sample Type: Air

Tracking Information
LogIn: May 3, 2001 By: RS
Prep: May 3, 2001 By: MH
Verified: May 3, 2001 By: MH
Reviewed: May 3, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Fiber Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010499-04 Test	17	Dan Broderius-Jean	ASBESTOS	<0.013	0 - 0.047	0	0	0.013	75.0	40	385	0.4028	DW	5/3/01
			NON-ASBESTOS	0.013	0.000 - 0.071	1								
			Richterite	<0.013	0 - 0.047	0								
			Winchite	<0.013	0 - 0.047	0								
			TOTAL	0.013	0.000 - 0.071	1								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers) This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, BPA - Yamate).

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010500

Report Date: May 4, 2001

Client Information
Project Name: Libby, MT Section House
Project No.: S242.01
P. O. No.: Not Available
Sample Type: Air

Tracking Information
Login: May 3, 2001 By: RS
Prep: May 3, 2001 By: MH
Verified: May 3, 2001 By: MH
Reviewed: May 4, 2001 By: DW

Analysis Information
Analysis Type: NIOSH
Reference No.: 7402
Min. Aspect Ratio: 3:1
Min. Length: 5 µm
Min. Width: 0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (struc/cc)	Volume (liters)	Number of Grid Openings	Fiber Area (µm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010500-01	18	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	DW	5/3/01
			NON-ASBESTOS	0	NA - NA	1								
			Richite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	1								
010500-02	19	Center of Signal Office/Shop	ASBESTOS	<0.0005	0 - 0.002	0	0	0.0005	1939.0	40	385	0.4026	DW	5/4/01
			NON-ASBESTOS	0.013	0.008 - 0.018	27								
			Richite	<0.0005	0 - 0.002	0								
			Winchite	<0.0005	0 - 0.002	0								
			TOTAL	0.013	0.008 - 0.018	27								
010500-03	20	Kofl Carstoen	ASBESTOS	<0.001	0 - 0.003	0	0	0.001	1300.0	40	385	0.4026	DW	5/4/01
			NON-ASBESTOS	0.009	0.005 - 0.015	12								
			Richite	<0.001	0 - 0.003	0								
			Winchite	<0.001	0 - 0.003	0								
			TOTAL	0.009	0.005 - 0.015	12								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01050000.tem

Page 2 of 3

MAY 04 01 05:09P
FROM : LAB COR INC

EMR Redmond

FAX NO. : 2067898424

14258697820

MAY 04 2001 09:14AM P2

P. 4

Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010500

Report Date: May 4, 2001

Client Information	
Project Name:	Libby, MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information			
Login:	May 3, 2001	By:	RS
Prep:	May 3, 2001	By:	MH
Verified:	May 3, 2001	By:	MH
Reviewed:	May 4, 2001	By:	DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No	Client Sample No.	Description	Fiber Type	Concentration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count	Opt. Vis. Arb. Fibs. (%)	Analytical Sens. (struc/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010500-04 Test	21	Koll Carlsleen	ASBESTOS	<0.170	0 - 0.627	0	0	0.170	75.0	40	385	0.0302	DW	5/4/01
			NON-ASBESTOS	0.340	0.041 - 1.227	2								
			Richterite	<0.170	0 - 0.627	0								
			Winchite	<0.170	0 - 0.627	0								
			TOTAL	0.340	0.041 - 1.227	2								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01050000.tem

Page 3 of 3

May 04 01 05:09p
FROM : LAB COR INC

EMR Redmond

FRX NO. : 2057898424

14258697820

May. 04 2001 09:14AM PJ

P.5

010517

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 15th Ave NE, Suite E</u> City, State, Zip: <u>Redmond, WA 98002</u> Contact: <u>David Welch</u> Phone: <u>(425) 861-4561</u> Fax: <u>(425) 869-7820</u> Other info/Special Instructions: _____ _____ _____	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 6 hours
---	--	--	---

 Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
-03 1.	22 Blank	5-2-01	-	-	-	-	-	-	-			Yes
-01 2.	23 Center of signal office/shop	↓	0732	1628	536	5.5	6.2	5.9	3162	X		
-02 3.	24 Koll Carlsteen - clean	↓	0732	1628	536	2.5	2.5	2.5	1340	X		
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott R. Rho</u>	Received by: <u>DR</u>	Date: <u>5-9-01</u> <u>5-8-01</u>	Time: <u>9:30</u>
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Lab/Cor, Inc.
A Professional Service Corporation in the Northwest

Report Number: 010517

Report Date: May 8, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information			
Login:	May 8, 2001	By:	DJ
Prep:	May 8, 2001	By:	MH
Verified:	May 8, 2001	By:	MH
Reviewed:	May 8, 2001	By:	DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010517-01 Inside	23	Center of Signal Office / Shop	ASBESTOS	<0.0003	0 - 0.001	0	0	0.0003	3162.0	39	385	0.3926	DW	5/8/01
			NON-ASBESTOS	0.004	0.002 - 0.007	12								
			Richterite	0.0003	0 - 0.002	1								
			Winchite	<0.0003	0 - 0.001	0								
			TOTAL	0.004	0.002 - 0.009	13								
010517-02 Inside	24	Koll Carlsleen - Clean	ASBESTOS	<0.001	0 - 0.003	0	0	0.001	1340.0	40	385	0.4026	DW	5/8/01
			NON-ASBESTOS	0.011	0.007 - 0.019	16								
			Richterite	<0.001	0 - 0.003	0								
			Winchite	<0.001	0 - 0.003	0								
			TOTAL	0.011	0.007 - 0.019	16								
010517-03 Blank	22	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	DW	5/8/01
			NON-ASBESTOS	0	NA - NA	2								
			Richterite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	2								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

Chain of Custody Record

Lab/Cor, Inc. 7619 6 th Avenue NW Seattle, WA 98117 (206) 781-0155 (office) (206) 789-8424 (fax) mail@labcor.net www.labcor.net	Client: <u>EMR, Inc.</u> Address: <u>2509 152nd Ave NE, Suite E</u> City, State, Zip: <u>Redmond, WA 98022</u> Contact: <u>David Welch</u> Phone: <u>(425) 861-4561</u> Fax: <u>(425) 869-7820</u> Other info/Special Instructions: _____ _____ _____	Analytical Protocol: <input type="checkbox"/> AHERA <input type="checkbox"/> Mod. EPA II <input type="checkbox"/> TEM Bulk, Semi-quant. <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> NIOSH 7500 <input type="checkbox"/> ASTM Surface Dust Other: _____	Requested Turnaround Time: <input type="checkbox"/> 7 days <input type="checkbox"/> 5 days <input type="checkbox"/> 3 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> 24 hours <input type="checkbox"/> 12 hours <input type="checkbox"/> 6 hours
---	--	---	---

Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1.	<u>25 Blank</u>	<u>5-3-01</u>	<u>08--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>Yes</u>	
2.	<u>26 Center of signal office/shop</u>	<u> </u>	<u>0836</u>	<u>1623</u>	<u>467</u>	<u>5.8</u>	<u>6.0</u>	<u>5.9</u>	<u>2755</u>	<u>X</u>		
3.	<u>27 Mike Carlson - clean</u>		<u>0837</u>	<u>0907</u>	<u>30</u>	<u>2.8</u>	<u>2.8</u>	<u>2.8</u>	<u>84</u>	<u>X</u>		
4.	<u>28 Mike Carlson - clean</u>	<u> </u>	<u>0907</u>	<u>1150</u>	<u>163</u>	<u>2.8</u>	<u>2.8</u>	<u>2.8</u>	<u>456</u>	<u>X</u>		
5.	<u>29 Mike Carlson - clean</u>	<u>↓</u>	<u>1256</u>	<u>1624</u>	<u>208</u>	<u>2.8</u>	<u>2.8</u>	<u>2.8</u>	<u>582</u>	<u>X</u>		
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott Rhee</u>	Received by: _____	Date: <u>5-4-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

May 09 2001 10:10AM P4

FAX NO. : 2067898424

FROM : LAB COR INC

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report Number: 010518

Report Date: May 8, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	May 8, 2001	By: DJ
Prep:	May 8, 2001	By: MH
Verified:	May 8, 2001	By: MH
Reviewed:	May 8, 2001	By: DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010518-05 Blank	25	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	OW	5/8/01
			NON-ASBESTOS	0	NA - NA	0								
			Richterite	0	NA - NA									
			Winchite	0	NA - NA									
			TOTAL	0	NA - NA	0								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AIHERA, EPA - Yamate).

01051800.tem

Lab/Cor, Inc.*A Professional Service Corporation in the Northwest*

Report Number: 010518

Report Date: May 8, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information		
Login:	May 8, 2001	By: DJ
Prep:	May 8, 2001	By: MH
Verified:	May 8, 2001	By: MH
Reviewed:	May 8, 2001	By: DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010518-01 Inside	26	Center of Signal Office / Shop	ASBESTOS	0.001	0.000 - 0.003	2	12	0.0004	2755.0	40	385	0.4026	DW	5/8/01
			NON-ASBESTOS	0.005	0.003 - 0.009	15								
			Richterite	0.0004	0.000 - 0.001	0								
			Winchite	0.0004	0.000 - 0.001	0								
			TOTAL	0.006	0.003 - 0.009	17								
010518-02 Inside	27	Mike Carlson - Clean	ASBESTOS	<0.011	0 - 0.041	0	0	0.011	84.0	41	385	0.4127	DW	5/8/01
			NON-ASBESTOS	0.056	0.018 - 0.130	5								
			Richterite	<0.011	0 - 0.041	0								
			Winchite	<0.011	0 - 0.041	0								
			TOTAL	0.056	0.018 - 0.130	5								
010518-03 Inside	28	Mike Carlson - Clean	ASBESTOS	<0.002	0 - 0.008	0	0	0.002	456.0	40	385	0.4026	DW	5/8/01
			NON-ASBESTOS	0.013	0.005 - 0.027	6								
			Richterite	<0.002	0 - 0.008	0								
			Winchite	<0.002	0 - 0.008	0								
			TOTAL	0.013	0.005 - 0.027	6								
010518-04 Inside	29	Mike Carlson - Clean	ASBESTOS	<0.002	0 - 0.006	0	0	0.002	582.0	40	385	0.4026	DW	5/8/01
			NON-ASBESTOS	0.003	0.000 - 0.012	2								
			Richterite	<0.002	0 - 0.006	0								
			Winchite	<0.002	0 - 0.006	0								
			TOTAL	0.003	0.000 - 0.012	2								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01051800.tem

Page 2 of 3

Chain of Custody Record

Lab/Cor, Inc.
 7619 6th Avenue NW
 Seattle, WA 98117

 (206) 781-0155 (office)
 (206) 789-8424 (fax)
 mail@labcor.net
 www.labcor.net

Client: EMR, Inc.
 Address: 2509 152nd Ave NE, Suite E
 City, State, Zip: Redmond, WA 98022
 Contact: David Welch
 Phone: (425) 861-4561 Fax: (425) 869-7820
 Other info/Special Instructions: _____

Analytical Protocol:
 _____ AHERA
 _____ Mod. EPA II
 _____ TEM Bulk, Semi-quant.
 NIOSH 7402
 _____ NIOSH 7500
 _____ ASTM Surface Dust
 Other _____

Requested Turnaround Time:
 _____ 7 days
 _____ 5 days
 _____ 3 days
 _____ 48 hours
 24 hours
 _____ 12 hours
 _____ 6 hours

Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
1. 30	Blank	5-4-01	-	-	-	-	-	-	-			Yes
2. 31	Center of East storage room	↓	0845	1625	460	3.8	4.1	4.0	1840	X		
3. 32	Andy Ernesons - clean	↓	0843	1205	202	2.8	2.8	2.8	566	X		
4. 33	Andy Ernesons - clean	↓	1307	1627	200	2.8	2.8	2.8	560	X		
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott Riker</u>	Received by: _____	Date: <u>5-7-01</u>	Time: _____
_____	_____	_____	_____
_____	_____	_____	_____

Lab/Cor, Inc.*A Professional Service Corporation in the Northwest*

Report Number: 010519

Report Date: May 9, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information			
Login:	May 8, 2001	By:	DJ
Prep:	May 8, 2001	By:	MH
Verified:	May 8, 2001	By:	MH
Reviewed:	May 9, 2001	By:	DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010519-04	30	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4025	DN	5/8/01
			NON-ASBESTOS	0	NA - NA	0								
			Richterite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	0								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

01051901.tem

Lab/Cor, Inc.*A Professional Service Corporation in the Northwest*

Report Number: 010519

Report Date: May 9, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information			
Login:	May 8, 2001	By:	DJ
Prep:	May 8, 2001	By:	MH
Verified:	May 8, 2001	By:	MH
Reviewed:	May 9, 2001	By:	DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy - NIOSH - Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010519-01 Inside	31	Center of East Storage Room	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1840.0	40	385	0.4026	DN	5/8/01
			NON-ASBESTOS	0.001	0.000 - 0.004	2								
			Richterite	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.001	0.000 - 0.004	2								
010519-02 Inside	32	Andy Emesons - Clean	ASBESTOS	<0.002	0 - 0.006	0	0	0.002	566.0	40	385	0.4026	DN	5/8/01
			NON-ASBESTOS	0.002	0 - 0.006	0								
			Richterite	<0.002	0 - 0.006	0								
			Winchite	0.002	0.000 - 0.009	1								
			TOTAL	0.002	0.000 - 0.009	1								
010519-03 Inside	33	Andy Emesons - Clean	ASBESTOS	<0.002	0 - 0.006	0	0	0.002	560.0	40	385	0.4026	DN	5/8/01
			NON-ASBESTOS	0.002	0.000 - 0.010	1								
			Richterite	<0.002	0 - 0.006	0								
			Winchite	<0.002	0 - 0.006	0								
			TOTAL	0.002	0.000 - 0.010	1								

% Optically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA - Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).

May 09 2001 10:15AM P10

FAX NO. : 2067898424

FROM : LAB COR INC

010520

Chain of Custody Record

Lab/Cor, Inc.
 7619 6th Avenue NW
 Seattle, WA 98117

 (206) 781-0155 (office)
 (206) 789-8424 (fax)
 mail@labcor.net
 www.labcor.net

Client: EMR, Inc.
 Address: 2509 152nd Ave NE, Suite E
 City, State, Zip: Redmond, WA 98002
 Contact: David Welch
 Phone: (425) 861-4561 Fax: (425) 869-7820
 Other info/Special Instructions: _____

Analytical Protocol:
 _____ AHERA
 _____ Mod. EPA II
 _____ TEM Bulk, Semi-quant.
 NIOSH 7402
 _____ NIOSH 7500
 _____ ASTM Surface Dust
 Other _____

Requested Turnaround Time:
 _____ 7 days
 _____ 5 days
 _____ 3 days
 _____ 48 hours
 24 hours
 _____ 12 hours
 _____ 6 hours

Project Name: Libby, MT Section House Project No.: 5242.03 P.O. No.: _____

Sample No.	Sample Description	Date	Time			LPM			Volume	IWA?	OWA?	Blank?
			On	Off	Total	Begin	End	Avg				
-03 1.	34 Blank	5-5-01	-	-	-	-	-	-	-			Yes
-01 2.	35 Center of signal office/shop	↓	0918	1028	250	6.2	6.4	6.3	1575	X		
-02 3.	36 Center of west storage room	↓	0820	1020	240	7.0	7.3	7.2	1728	X		
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												

Relinquished by: <u>Scott R. [Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>5-7-01</u> <u>5-8-01</u>	Time: <u>9:30</u>
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Lab/Cor, Inc.*A Professional Service Corporation in the Northwest*

Report Number: 010520

Report Date: May 9, 2001

Client Information	
Project Name:	BNSF Libby MT Section House
Project No.:	5242.03
P. O. No.:	Not Available
Sample Type:	Air

Tracking Information			
Login:	May 8, 2001	By:	DJ
Prep:	May 8, 2001	By:	MH
Verified:	May 8, 2001	By:	MH
Reviewed:	May 9, 2001	By:	DW

Analysis Information	
Analysis Type:	NIOSH
Reference No.:	7402
Min. Aspect Ratio:	3:1
Min. Length:	5 µm
Min. Width:	0.25 µm

PRELIMINARY TABLE
Transmission Electron Microscopy – NIOSH – Air Sample Analysis

Lab/Cor Sample No.	Client Sample No.	Description	Fiber Type	Concentration (Fiber/cc)	95% Confidence Interval (Fiber/cc)	Fiber Count	Opt. Vis. Asb. Fibs. (%)	Analytical Sens. (Fiber/cc)	Volume (liters)	Number of Grid Openings	Filter Area (mm ²)	Area Analyzed (mm ²)	Analyst	Analysis Date
010520-01 Inside	35	Center of Signal Office / Shop	ASBESTOS	0.001	0.000 - 0.003	1	6	0.001	1575.0	40	385	0.4026	DW	5/9/01
			NON-ASBESTOS	0.009	0.005 - 0.015	15								
			Richterite	<0.001	0.000 - 0.002	0								
			Winchite	<0.001	0.000 - 0.002	0								
			TOTAL	0.010	0.006 - 0.016	16								
010520-02 Inside	36	Center of West Storage Room	ASBESTOS	<0.001	0 - 0.002	0	0	0.001	1728.0	40	385	0.4026	DW	5/9/01
			NON-ASBESTOS	0.005	0.002 - 0.009	9								
			Richterite	<0.001	0 - 0.002	0								
			Winchite	<0.001	0 - 0.002	0								
			TOTAL	0.005	0.002 - 0.009	9								
010520-03 Blank	34	Blank	ASBESTOS	0	NA - NA	0	0	NA	0	40	385	0.4026	DW	5/9/01
			NON-ASBESTOS	0	NA - NA	1								
			Richterite	0	NA - NA	0								
			Winchite	0	NA - NA	0								
			TOTAL	0	NA - NA	1								

% Opically Visible Asbestos Fibers = (#Asbestos / #Total Fibers). This number indicates the representative fraction of asbestos to total fibers as defined by NIOSH 7400 standards and can be used as a factor to determine asbestos concentrations from PCM counts in similar sampling areas.

NA – Not Applicable. For samples in which no fiber types are found, percentage values do not apply.

NOTE: These counting rules are intended to coincide with NIOSH 7400 counting rules and do not measure smaller asbestos fiber populations below 5.0 µm lengths as would other TEM airborne analysis methods (AHERA, EPA - Yamate).