



ASBESTOS TEM LABORATORIES, INC.

**EPA Method 600/R-93/116
Polarized Light Microscopy
Analytical Report**

Report No. 112571

1350 Freeport Blvd., Unit 104
Sparks, NV 89431
(775) 359-3377
FAX (775) 359-2798

With Main Office Located At:
630 Bancroft Way, Berkeley, CA 94710
Ph. (510) 704-8930 Fax (510) 704-8929



ASBESTOS TEM LABORATORIES, INC

Accredited by
U.S. Dept. of Commerce
NVLAP
NVLAP Lab Code 200104-0

Oct-02-09

Ms. Penny Bassett
Brown & Caldwell
3264 Goni Rd., Suite 153
Carson City, NV 89706

RE: LABORATORY JOB # 841-001
Polarized light microscopy analytical results for 9 bulk sample(s).
Job Site: Transite Pipe - Yerington
Job No.: 136742.010
Report No.: 112571

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

For possible future reference, samples are normally kept on file for one year.

Sincerely Yours

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, with the approval of the laboratory. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. ---

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With Main Office in Berkeley, CA (510) 704-8930



POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Contact: Ms. Penny Bassett	Samples Indicated: 9	Report No. 112571
Address: Brown & Caldwell	Reg. Samples Analyzed: 9	Date Submitted: Sep-30-09
3264 Goni Rd., Suite 153	Split Layers Analyzed: 0	Date Reported: Oct-02-09
Carson City, NV 89706	Job Site / No. Transite Pipe - Yerington 136742.010	

SAMPLE ID	ASBESTOS % TYPE		OTHER DATA	DESCRIPTION
			FIELD LAB	
HA-1-01. Lab ID # 841-00001-001	10-20% 1-5%	Chrysotile Crocidolite	1) None Detected	Bulk Asbestos Bulk PLM, Sampled 9/27/09, 1350
			2) 75-89% Calc, Other m.p.	
HA-1-02. Lab ID # 841-00001-002	10-20% 1-5%	Chrysotile Crocidolite	3) _____	Cement Pipe-Grey
			4) Oct-02-09	
HA-1-03. Lab ID # 841-00001-003	10-20% 1-5%	Chrysotile Crocidolite	1) None Detected	Bulk Asbestos Bulk PLM, Sampled 9/27/09, 1400
			2) 75-89% Calc, Other m.p.	
HA-1-04. Lab ID # 841-00001-004	10-20% 1-5%	Chrysotile Crocidolite	3) _____	Cement Pipe-Grey
			4) Oct-02-09	
HA-1-05. Lab ID # 841-00001-005	20-30%	Chrysotile	1) None Detected	Bulk Asbestos Bulk PLM, Sampled 9/27/09, 1410
			2) 70-80% Calc, Other m.p.	
HA-1-06. Lab ID # 841-00001-006	30-40%	Chrysotile	3) _____	Cement Pipe-Tan
			4) Oct-02-09	
HA-1-08-MET. Lab ID # 841-00001-007	None Detected		1) 10-20% Cellulose, Synthetics	Bulk Asbestos Bulk PLM, Sampled 9/27/09, 1456
			2) 80-90% Tar	
HA-1-09-MET. Lab ID # 841-00001-008	None Detected		3) _____	Pipe Coating-Black
			4) Oct-02-09	
HA-1-10-MET. Lab ID # 841-00001-009	None Detected		1) 10-20% Cellulose, Synthetics	Bulk Asbestos Bulk PLM, Sampled 9/27/09, 1505
			2) 80-90% Tar	
Lab ID #			3) _____	Pipe Coating-Black
			4) _____	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager Dottie Guilbert
Dottie Guilbert

Analyst Dottie Guilbert
Dottie Guilbert

BROWN AND CALDWELL

CHAIN OF CUSTODY RECORD

COC No. YER - 3249-C

3264 Goni Road / Suite 153
Carson City, NV 89706
775-883-4118 / FAX 775-883-5108

4425 W. Spring Mountain Road / Suite 225
Las Vegas, NV 89102
702-938-4080 / FAX 702-938-4082

201 East Washington Street / Suite 500
Phoenix, AZ 85004
602-567-4000 / FAX 602-567-4001

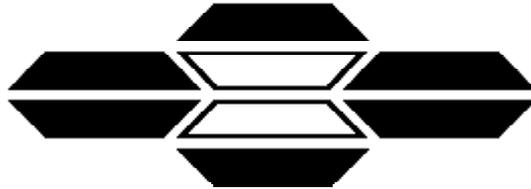
PROJECT NAME: <u>TRANSITE PDC - YERINGTON</u>	LABORATORY NAME & ADDRESS: <u>ASBESTOS TCM LABORATORIES</u>
PROJECT NUMBER: <u>136742.010</u>	<u>1350 FREEPORT UNIT 104</u> <u>SPARKS, NV 89431</u>

LINE NO.	SAMPLE - I.D.	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	FIELD FILTERED	QC - REC	TAT	SAMPLING METHOD	DEPTH (FT.) BEGIN - END	PD REMARKS (ppm)
		DATE	TIME												
01	HA-1-01	9/27/09	1350	MS	1	2 PPM	N/A	S	^{Bulk} ASBESTOS PWA			1/1 STD	N/A	---	
02	HA-1-02		1358	MS	1									---	
03	HA-1-03		1400	MS	1									---	
04	HA-1-04		1405	MS	1									---	
05	HA-1-05		1410	MS	1									---	
06	HA-1-06		1440	MS	1									---	
07	HA-1-08-MCT		1456	MS	1									---	
08	HA-1-09-MCT		1500	MS	1									---	
09	HA-1-10-MCT		1505	MS	1									---	
10	SPACE NOT USED														

COLLECTED & RELEASED BY: <u>DOE SOUTHER</u>	DATE: <u>9/28/09</u>	TIME: <u>1500</u>	COOLER I.D.:	COMMENTS (see note on back):	
RECEIVED BY: <u>Royann Billie</u>	DATE: <u>9/29/09</u>	TIME: <u>1330</u>	RELINQUISHED BY: <u>Doel Johnson</u>	DATE: <u>9/29/09</u>	TIME: <u>1530</u>
<u>Doel Johnson</u>	DATE: <u>9/29/09</u>	TIME: <u>1330</u>	<u>Royann Billie</u>	DATE: <u>9/29/09</u>	TIME: <u>1530</u>
RECORD RETURNED BY:	DATE:	TIME:			
COURIER:			SHIPPING NUMBER:		

DISTRIBUTION: WHITE - PROJECT FILE • CANARY - LAB RECEIPT • PINK - DATA MANAGEMENT • GOLDENROD - FIELD

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ASBESTOS TEM LABORATORIES, INC.

**EPA Method 600/R-93/116
Polarized Light Microscopy
Analytical Report**

Report No. 112573

1350 Freeport Blvd., Unit 104
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With Main Office Located At:
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ASBESTOS TEM LABORATORIES, INC

Accredited by
U.S. Dept. of Commerce
NVLAP
NVLAP Lab Code 200104-0

Oct-07-09

Ms. Penny Bassett
Brown & Caldwell
3264 Goni Rd., Suite 153
Carson City, NV 89706

RE: LABORATORY JOB # 841-002
Polarized light microscopy analytical results for 9 bulk sample(s).
Job Site: Transite Pipe - Yerington
Job No.: 136742.010
Report No.: 112573

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

For possible future reference, samples are normally kept on file for one year.

Sincerely Yours

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

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BROWN AND CALDWELL

CHAIN OF CUSTODY RECORD

COC No. 462 3250C

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Carson City, NV 89706
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Las Vegas, NV 89102
702-938-4080 / FAX 702-938-4082

201 East Washington Street / Suite 500
Phoenix, AZ 85004
602-567-4000 / FAX 602-567-4001

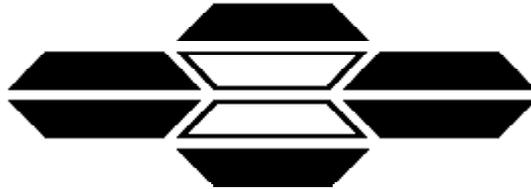
PROJECT NAME: <u>PROJECT FILE 462 3250C</u>	LABORATORY NAME & ADDRESS: <u>ACERSTON LABORATORIES</u>
PROJECT NUMBER: <u>1350</u>	<u>1350 FREEPORT BLVD UNIT 104</u> <u>SPARKS, NV 89434</u>

LINE NO.	SAMPLE - I.D.	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	FIELD FILTERED	QC - REQ	TAT	SAMPLING METHOD	DEPTH (FT.) BEGIN - END	PID READING (ppm)
		DATE	TIME												
01	HA-2-01	9/25/09	0800	AM	1	2 Gallon	N/A	S	Box Address per M			N/A	50	N/A	
02	HA-2-02													----	
03	HA-2-03													----	
04	HA-2-04													----	
05	HA-2-05													----	
06	HA-2-06													----	
07	HA-2-07													----	
08														----	
09	HA-2-11													----	
10	SPACE NOT USED														

COLLECTED & RELEASED BY: <u>HERBERT</u>	DATE: <u>9/25/09</u>	TIME: <u>8:00</u>	COOLER I.D.:	DATE:	TIME:	COMMENTS (see note on back):
RECEIVED BY: <u>HERBERT</u>	DATE: <u>9/29/09</u>	TIME: <u>1:33</u>	RELINQUISHED BY:	DATE: <u>9/29</u>	TIME: <u>1:33</u>	
RECORD RETURNED BY:	DATE: <u>11</u>	TIME:				
COURIER:			SHIPPING NUMBER:			

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ASBESTOS TEM LABORATORIES, INC.

**EPA Method 600/R-93/116
Polarized Light Microscopy
Analytical Report**

Report No. 112575

1350 Freeport Blvd., Unit 104
Sparks, NV 89431
(775) 359-3377
FAX (775) 359-2798

With Main Office Located At:
630 Bancroft Way, Berkeley, CA 94710
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ASBESTOS TEM LABORATORIES, INC

Accredited by
U.S. Dept. of Commerce
NVLAP
NVLAP Lab Code 200104-0

Oct-07-09

Ms. Penny Bassett
Brown & Caldwell
3264 Goni Rd., Suite 153
Carson City, NV 89706

RE: LABORATORY JOB # 841-003
Polarized light microscopy analytical results for 7 bulk sample(s).
Job Site: Transite Pipe - Yerington
Job No.: 136742.010
Report No.: 112575

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

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For possible future reference, samples are normally kept on file for one year.

Sincerely Yours

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

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With Main Office in Berkeley, CA (510) 704-8930



POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Contact: Ms. Penny Bassett	Samples Indicated: 8	Report No. 112575
Address: Brown & Caldwell	Reg. Samples Analyzed: 7	Date Submitted: Sep-30-09
3264 Goni Rd., Suite 153	Split Layers Analyzed: 0	Date Reported: Oct-07-09
Carson City, NV 89706	Job Site / No. Transite Pipe - Yerington 136742.010	

SAMPLE ID	ASBESTOS % TYPE		OTHER DATA	DESCRIPTION
			FIELD LAB	
HA-3-01. Lab ID # 841-00003-001	10-20%	Chrysotile	1) None Detected	Bulk Asbestos PLM, Sampled 9/28/09, 1400
	5-10%	Crocidolite	2) 70-85% Calc, Bndr, Other m.p.	
HA-3-01-FD. Lab ID # 841-00003-002	10-20%	Chrysotile	3) _____	Cement Pipe-Grey
	5-10%	Crocidolite	4) Oct-07-09	
HA-3-02. Lab ID # 841-00003-003	10-20%	Chrysotile	1) None Detected	Bulk Asbestos PLM, Sampled 9/28/09, 1430
	5-10%	Crocidolite	2) 70-85% Calc, Bndr, Other m.p.	
HA-3-03. Lab ID # 841-00003-004	10-20%	Chrysotile	3) _____	Cement Pipe-Tan
	1-5%	Crocidolite	4) Oct-07-09	
HA-3-04. Lab ID # 841-00003-005	10-20%	Chrysotile	1) None Detected	Bulk Asbestos PLM, Sampled 9/28/09, 1500
	1-5%	Crocidolite	2) 75-89% Calc, Other m.p.	
HA-3-04-FD. Lab ID # 841-00003-006	10-20%	Chrysotile	3) _____	Cement Pipe-Grey
	1-5%	Crocidolite	4) Oct-07-09	
HA-3-05. Lab ID # 841-00003-007	10-20%	Chrysotile	1) None Detected	Bulk Asbestos PLM, Sampled 9/28/09, 1520
	1-5%	Crocidolite	2) 75-89% Calc, Other m.p.	
Lab ID #			3) _____	Cement Pipe-Grey
			4) _____	
Lab ID #			1) _____	
			2) _____	
Lab ID #			3) _____	
			4) _____	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager Dottie Guilbert
Dottie Guilbert

Analyst Dottie Guilbert
Dottie Guilbert

BROWN AND CALDWELL

CHAIN OF CUSTODY RECORD

COC No. VER 3251C

3264 Goni Road / Suite 153
Carson City, NV 89706
775-883-4118 / FAX 775-883-5108

4425 W. Spring Mountain Road / Suite 225
Las Vegas, NV 89102
702-938-4080 / FAX 702-938-4082

201 East Washington Street / Suite 500
Phoenix, AZ 85004
602-567-4000 / FAX 602-567-4001

PROJECT NAME: <u>TRANSIT PIPE - VERMILION</u>	LABORATORY NAME & ADDRESS: <u>ASBESTOS TEN LABORATORIES</u>
PROJECT NUMBER: <u>135742.010</u>	<u>1350 FREESPORT BLVD #114</u> <u>SPARKS, NV 89434</u>

LINE NO.	SAMPLE - I.D.	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	FIELD FILTERED	CC - REQ	TAT	SAMPLING METHOD	DEPTH (FT.) BEGIN --- END	Pb READING (PPM)
		DATE	TIME												
01	HA-3-01	9/28/09	1400	MS	1	200 B.M.	N/A	S	2x ASBESTOS PCM			N/A	N/A		
02	HA-3-01-FD	9/28/09	1400	MS	1										
03	HA-3-02	9/28/09	1430	MS	1										
04	HA-3-03	9/28/09	1445	MS	1										
05	HA-3-04	9/28/09	1500	MS	1										
06	HA-3-04-FD	9/28/09	1500	MS	1										
07	HA-3-05	9/28/09	1520	MS	1										
08	SPACE NOT USED														
09	SPACE NOT USED														
10	SPACE NOT USED														

COLLECTED & RELEASED BY: <u>APRICA</u>	DATE: <u>9/29/09</u>	TIME: <u>1430</u>	COOLER I.D.:	COMMENTS (see note on back):
RECEIVED BY: <u>Gregory Blumhagen</u>	DATE: <u>9/29/09</u>	TIME: <u>1350</u>	RELINQUISHED BY: <u>Gregory Blumhagen</u>	
RECORD RETURNED BY:	DATE: <u>11</u>	TIME:		
COURIER:			SHIPPING NUMBER:	

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ASBESTOS TEM LABORATORIES, INC.

**EPA Method 600/R-93/116
Polarized Light Microscopy
Analytical Report**

Report No. 112577

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Sparks, NV 89431
(775) 359-3377
FAX (775) 359-2798

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Ph. (510) 704-8930 Fax (510) 704-8929



ASBESTOS TEM LABORATORIES, INC

Accredited by
U.S. Dept. of Commerce
NVLAP
NVLAP Lab Code 200104-0

Oct-07-09

Ms. Penny Bassett
Brown & Caldwell
3264 Goni Rd., Suite 153
Carson City, NV 89706

RE: LABORATORY JOB # 841-004
Polarized light microscopy analytical results for 8 bulk sample(s).
Job Site: Transite Pipe - Yerington
Job No.: 136742.010
Report No.: 112577

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

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Sincerely Yours

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

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POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Contact: Ms. Penny Bassett	Samples Indicated: 9	Report No. 112577
Address: Brown & Caldwell	Reg. Samples Analyzed: 8	Date Submitted: Sep-30-09
3264 Goni Rd., Suite 153	Split Layers Analyzed: 0	Date Reported: Oct-07-09
Carson City, NV 89706	Job Site / No. Transite Pipe - Yerington 136742.010	

SAMPLE ID	ASBESTOS % TYPE		OTHER DATA	DESCRIPTION
			FIELD LAB	
HA-4-01. Lab ID # 841-00004-001	10-20% 1-5%	Chrysotile Crocidolite	1) None Detected	Bulk Asbestos PLM, Sampled 9/27/09, 0930
			2) 75-89% Calc, Other m.p.	
HA-4-02. Lab ID # 841-00004-002	10-20% 1-5%	Chrysotile Crocidolite	3) _____	Cement Pipe-Grey
			4) Oct-07-09	
HA-4-02-FD. Lab ID # 841-00004-003	Not Submitted		1) None Detected	Bulk Asbestos PLM, Sampled 9/28/09, 1705
			2) _____	
HA-4-03. Lab ID # 841-00004-004	10-20% 1-5%	Chrysotile Crocidolite	3) _____	Cement Pipe-Grey
			4) Oct-07-09	
HA-4-04. Lab ID # 841-00004-005	10-20% 1-5%	Chrysotile Crocidolite	1) None Detected	Bulk Asbestos PLM, Sampled 9/27/09, 1040
			2) 75-89% Calc, Other m.p.	
HA-4-05. Lab ID # 841-00004-006	10-20% 1-5%	Chrysotile Crocidolite	3) _____	Cement Pipe-Brown
			4) Oct-07-09	
HA-4-06. Lab ID # 841-00004-007	None Detected		1) None Detected	Bulk Asbestos PLM, Sampled 9/27/09, 1114
			2) 99-100% Qtz, Calc, Bndr, Other m.p.	
HA-4-07. Lab ID # 841-00004-008	None Detected		3) _____	Cement Pipe-Grey
			4) Oct-07-09	
HA-4-08. Lab ID # 841-00004-009	None Detected		1) None Detected	Bulk Asbestos PLM, Sampled 9/27/09, 1155
			2) 99-100% Qtz, Calc, Bndr, Other m.p.	
Lab ID #			3) _____	Cement Pipe-Grey
			4) _____	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab Manager Dottie Guilbert
Dottie Guilbert

Analyst Dottie Guilbert
Dottie Guilbert

BROWN AND CALDWELL

CHAIN OF CUSTODY RECORD

COC No. VER 3252 C

3264 Goni Road / Suite 153
Carson City, NV 89706
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4425 W. Spring Mountain Road / Suite 225
Las Vegas, NV 89102
702-938-4080 / FAX 702-938-4082

201 East Washington Street / Suite 500
Phoenix, AZ 85004
602-567-4000 / FAX 602-567-4001

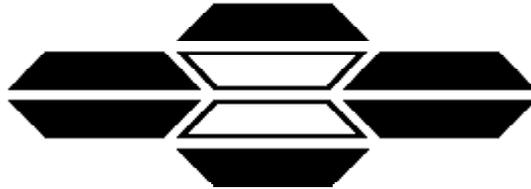
PROJECT NAME: <u>TRANSIT PIPE - YERINGTON</u>	LABORATORY NAME & ADDRESS: <u>ASBESTOS TEST LABORATORIES</u>
PROJECT NUMBER: <u>136742.010</u>	<u>1350 FREEPORT BLVD #104</u> <u>SPARKS, NV 89434</u>

LINE NO.	SAMPLE - I.D.	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	FIELD FILTERED	QC - REQ	TAT	SAMPLING METHOD	DEPTH (FT.)		PH READING (ppm)
		DATE	TIME											BEGIN	END	
01	HA-4-01	9/27/09	0930	MS	1	ZIP BAG	NA	NA	Bulk Asbestos PLM			N/A STD	NA			
02	HA-4-02	9/28/09	0705	MS	1											
03	HA-4-02-F1	9/28/09	1705	MS	1											
04	HA-4-03	9/27/09	1040	MS	1											
05	HA-4-04	9/23/09	1114	MS	1											
06	HA-4-05	9/27/09	1140	MS	1											
07	HA-4-06	9/27/09	1150	MS	1											
08	HA-4-07	9/27/09	1155	MS	1											
09	HA-4-08	9/27/09	1200	MS	1											
10	SPACE NOT USED															

COLLECTED & RELEASED BY: <u>RESIDENT</u>	DATE: <u>9/29/09</u>	TIME: <u>1:30</u>	COOLER I.D.:	RECEIVED BY: <u>[Signature]</u>	DATE: <u>9/29/09</u>	TIME: <u>15:31</u>	COMMENTS (see note on back):
RECEIVED BY: <u>[Signature]</u>	DATE: <u>9/29/09</u>	TIME: <u>1:30</u>	RELINQUISHED BY: <u>[Signature]</u>	DATE: <u>9/29/09</u>	TIME: <u>15:31</u>		
RECORD RETURNED BY:	DATE:	TIME:					
COURIER:			SHIPPING NUMBER:				

DISTRIBUTION: WHITE - PROJECT FILE • CANARY - LAB RECEIPT • PINK - DATA MANAGEMENT • GOLDENROD - FIELD

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ASBESTOS TEM LABORATORIES, INC.

**EPA Method 600/R-93/116
Polarized Light Microscopy
Analytical Report**

Report No. 112578

1350 Freeport Blvd., Unit 104
Sparks, NV 89431
(775) 359-3377
FAX (775) 359-2798

With Main Office Located At:
630 Bancroft Way, Berkeley, CA 94710
Ph. (510) 704-8930 Fax (510) 704-8929



ASBESTOS TEM LABORATORIES, INC

Accredited by
U.S. Dept. of Commerce
NVLAP
NVLAP Lab Code 200104-0

Oct-07-09

Ms. Penny Bassett
Brown & Caldwell
3264 Goni Rd., Suite 153
Carson City, NV 89706

RE: LABORATORY JOB # 841-005
Polarized light microscopy analytical results for 9 bulk sample(s).
Job Site: Transite Pipe - Yerington
Job No.: 136742.010
Report No.: 112578

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

For possible future reference, samples are normally kept on file for one year.

Sincerely Yours

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, with the approval of the laboratory. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. ---

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775-883-4118 / FAX 775-883-5108

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Las Vegas, NV 89102
702-938-4080 / FAX 702-938-4082

201 East Washington Street / Suite 500
Phoenix, AZ 85004
602-567-4000 / FAX 602-567-4001

PROJECT NAME: <u>TRANSITE PIPE - YCRINGTON</u>	LABORATORY NAME & ADDRESS: <u>ABBOTTS TEM LABORATORIES</u>
PROJECT NUMBER: <u>136742.010</u>	<u>1350 E. FREEPIAT BLVD #114</u> <u>SPARKS, NV 89434</u>

LINE NO.	SAMPLE - I.D.	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	FIELD FILTERED	QC - REQ	TAT	SAMPLING METHOD	DEPTH (FT.)		POTENTIAL (ppm)
		DATE	TIME											BEGIN	END	
01	HA-G-01	9/28/09	1540	1	1	21" bag	NA		Box Asbestos PLM			NA	SD	NA		
02	HA-G-02		1550													
03	HA-G-02-FD		1550													
04	HA-G-03-MET		1555													
05	HA-G-03-MET-FD		1555													
06	HA-G-04		1630													
07	HA-G-04-FD		1630													
08	HA-G-05		1637													
09	HA-G-06		1642													
10	SPACE NOT USED															

COLLECTED & RELEASED BY: <u>RESUME AHERN 2918</u>	DATE: <u>9/29/09</u>	TIME: <u>1130</u>	COOLER I.D.:	COMMENTS (see note on back):
RECEIVED BY: <u>[Signature]</u>	DATE: <u>9/29/09</u>	TIME: <u>1330</u>	RELINQUISHED BY: <u>[Signature]</u>	DATE: <u>9/29/09</u>
				TIME: <u>1330</u>
RECORD RETURNED BY:	DATE: <u>11</u>	TIME:		
COURIER:			SHIPPING NUMBER:	

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ASBESTOS TEM LABORATORIES, INC.

**EPA Method 600/R-93/116
Polarized Light Microscopy
Analytical Report**

Report No. 112579

1350 Freeport Blvd., Unit 104
Sparks, NV 89431
(775) 359-3377
FAX (775) 359-2798

With Main Office Located At:
630 Bancroft Way, Berkeley, CA 94710
Ph. (510) 704-8930 Fax (510) 704-8929



ASBESTOS TEM LABORATORIES, INC

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NVLAP
NVLAP Lab Code 200104-0

Oct-07-09

Ms. Penny Bassett
Brown & Caldwell
3264 Goni Rd., Suite 153
Carson City, NV 89706

RE: LABORATORY JOB # 841-006
Polarized light microscopy analytical results for 6 bulk sample(s).
Job Site: Transite Pipe - Yerington
Job No.: 136742.010
Report No.: 112579

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

For possible future reference, samples are normally kept on file for one year.

Sincerely Yours

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, with the approval of the laboratory. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. ---

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Las Vegas, NV 89102
702-938-4080 / FAX 702-938-4082

201 East Washington Street / Suite 500
Phoenix, AZ 85004
602-567-4000 / FAX 602-567-4001

PROJECT NAME: <u>TRANSITE PIPE - YERINGTON</u>	LABORATORY NAME & ADDRESS: <u>ASBESTOS TEM LABORATORIES</u>
PROJECT NUMBER: <u>136742.010</u>	<u>1350 E. FREEPORT #104</u> <u>SPARKS, NV 89434</u>

LINE NO.	SAMPLE - I.D.	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	FIELD FILTERED	QC - REC	TAT	SAMPLING METHOD	DEPTH (FT.)		PG READING (ppm)	
		DATE	TIME											BEGIN	END		
01	HA-6-01	9/27/09	1700	MS	1	ZIPBAG	N/A	S	Bulk ASBESTOS PCM			N/A	STP	N/A			
02	HA-6-02	9/27/09	1703	MS	1												
03	HA-6-03		1710	MS	1												
04	HA-6-04-MET		1755	MS	1												
05	HA-6-05-MET		1800	MS	1												
06	HA-6-06-MET		1805	MS	1												
07																	
08																	
09																	
10																	

SPACE NOT USED

COLLECTED & RELEASED BY: <u>REGISUTAL ANORA E198</u>	DATE: <u>9/27/09</u>	TIME: <u>11:30</u>	COOLER I.D.:	COMMENTS (see note on back):
RECEIVED BY: <u>Ryanne Ballin</u>	DATE: <u>9/27/09</u>	TIME: <u>13:30</u>	RELINQUISHED BY: <u>Ryanne Ballin</u>	DATE: <u>9/27/09</u>
				TIME: <u>15:30</u>
RECORD RETURNED BY:	DATE:	TIME:		
COURIER:			SHIPPING NUMBER:	

DISTRIBUTION: WHITE - PROJECT FILE • CANARY - LAB RECEIPT • PINK - DATA MANAGEMENT • GOLDENROD - FIELD

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ASBESTOS TEM LABORATORIES, INC.

**EPA Method 600/R-93/116
Polarized Light Microscopy
Analytical Report**

Report No. 112580

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ASBESTOS TEM LABORATORIES, INC

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NVLAP Lab Code 200104-0

Oct-07-09

Ms. Penny Bassett
Brown & Caldwell
3264 Goni Rd., Suite 153
Carson City, NV 89706

RE: LABORATORY JOB # 841-007
Polarized light microscopy analytical results for 10 bulk sample(s).
Job Site: Transite Pipe - Yerington
Job No.: 036742.010
Report No.: 112580

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

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For possible future reference, samples are normally kept on file for one year.

Sincerely Yours

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

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702-938-4080 / FAX 702-938-4082

201 East Washington Street / Suite 500
Phoenix, AZ 85004
602-567-4000 / FAX 602-567-4001

PROJECT NAME: TRANSITE PIPE - YERINGTON LABORATORY NAME & ADDRESS: ARBESIOS TCM LABORATORIES
PROJECT NUMBER: 136742.010 1340 FEEPORT #104
SPARKS, NV 89434

LINE NO.	SAMPLE - I.D.	COLLECTION DATE	COLLECTION TIME	SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	FIELD FILTERED	QC - REQ	TAT	SAMPLING METHOD	DEPTH (FT.) BEGIN	DEPTH (FT.) END	PID READING (ppm)
01	HA-7-01	9/27/09	1905	MS	1	2" BAY	N/A	N/A	Full ARBESIOS PLAN			N/A STD	N/A	---	---	
02	HA-7-02	9/27/09	1552	MS	1									---	---	
03	HA-7-03	9/27/09	1555	MS	1									---	---	
04	HA-7-07	9/27/09	1557	MS	1									---	---	
05	HA-7-04	9/27/09	1610	MS	1									---	---	
06	HA-7-05	9/27/09	1615	MS	1									---	---	
07	HA-7-06	9/27/09	1620	MS	1									---	---	
08	HA-7-08-MET	9/27/09	1633	MS	1									---	---	
09	HA-7-09-MET	9/27/09	1634	MS	1									---	---	
10	HA-7-09-MET	9/27/09	1635	MS	1									---	---	

COLLECTED & RELEASED BY: ARCELA DATE: 9/24/09 TIME: 1130 COOLER I.D.: _____ COMMENTS (see note on back): _____
RECEIVED BY: Kyannah Barron DATE: 9/27/09 TIME: 1338 RELINQUISHED BY: L. Barron DATE: 10/16/09 TIME: 1532
Dylan Barron DATE: 10/16/09 TIME: 1532

RECORD RETURNED BY: _____ DATE: 11 TIME: _____

COURIER: _____ SHIPPING NUMBER: _____

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