



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

### Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No. 281412	Client: Paulsen Environmental Consulting
Account Number: B041	2019 Graham Blvd.
	Vale, OR 97918
Date Received: 06/15/2017	
Received By: Karen Braley	
Date Analyzed: 06/22/2017	Project: Lakeview ESD
Analyzed By: Dee Ammerman	Project Location: 357 North L. St.
Methodology: EPA/600/R-04/004 VAI	Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	V1	Homogeneous	Gold Attic Insulation	Asbestos Present Actinolite/Tremolite 1.61	NA	Vermiculite

*Dee Ammerman*

Dee Ammerman, Analyst

6/22/2017

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Quantem is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



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**Polarized Light Microscopy Asbestos Analysis Report**

Quantem Lab No. 281402

Account Number: B041

Date Received: 06/15/2017

Received By: Karen Braley

Date Analyzed: 06/20/2017

Analyzed By: Carter Cox

Methodology: EPA/600/R-93/116

Client: Paulsen Environmental Consulting  
2019 Graham Blvd.  
Vale, OR 97918

Project: Lakeview ESD

Project Location: 357 North L. St.

Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1	Layered	Beige Wrap	Asbestos Not Present	Synthetic 100	
001a		Layered	White Insulation	Asbestos Not Present	NA	Perlite Gypsum

*Carter Cox*

Carter W. Cox, Analyst

6/20/2017

Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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# ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502  
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

<b>Contact Information</b> Company: <b>Paulsen Environmental Consulting Inc.</b> Phone: <b>(541) 473-2243</b> Contact: <b>Steve Paulsen</b> Cell Phone: <b>(541) 389-5481</b> Account #: <b>B041</b> E-mail: <b>paulsen@qwestoffice.net</b> SAMPLED BY: Name: <b>Michael Paulsen</b> Date: <b>6-13-17</b>		<b>Project Information</b> Project Name: <b>Lakeview ESD.</b> Project Location: <b>357 North L. St.</b> Project ID: _____ P.O. Number: _____	
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For Lab Use Only
Lab No. <b>281412</b>
<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject

Report Results ( <input checked="" type="checkbox"/> one box)
<input checked="" type="checkbox"/> Quantem Website
Email <b>paulsen@qwestoffice.net</b>
Other _____

RELINQUISHED BY <b>MMR</b>	VIA <b>FedEx</b>	RECEIVED BY <b>K. Brady</b>	DATE & TIME <b>6-15-17 10:00</b>
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REQUESTED SERVICES (Please  the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
<input type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input checked="" type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air-AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Rush
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Same Day
<input type="checkbox"/> 1000 Point Count		<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> 24 - Hour
<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/> PCM	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> Particle ID	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043	Other _____	<input checked="" type="checkbox"/> 5 - Day

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	<b>VI</b>	<input checked="" type="checkbox"/>		<b>vermiculite</b>	<b>4,000 Sq.</b>	
2		<input type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				



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## LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

<b>Contact Information</b> Company: Paulsen Environmental Consulting Inc. Phone: (541) 473-2243 Contact: Steve Paulsen Cell Phone: (541) 389-5481 Account #: B041 E-mail: paulsen@qwestoffice.net		<b>Project Information</b> Project Name: Lakeview GSD Project Location: 357 North L. St. Project ID: P.O. Number:	
<b>SAMPLED BY:</b> Name: 6-13-17 Michael Paulsen Date: 6-13-17		<b>Report Results</b> <input checked="" type="checkbox"/> one box <input checked="" type="checkbox"/> Quantem Website <input type="checkbox"/> Email paulsen@qwestoffice.net <input type="checkbox"/> Other	

<b>RELINQUISHED BY</b> Mad Dr	<b>DATE &amp; TIME</b> 6-13-17 1:00 PM	<b>VIA</b> FedEx	<b>RECEIVED BY</b> B. Paulsen	<b>DATE &amp; TIME</b> 6-15-17 10:20
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**REQUESTED SERVICES (Please check the Appropriate Boxes)**

PLM	PLM	PLM	TEM	TEM	TEM	TURNAROUND TIME
<input checked="" type="checkbox"/> Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Vermiculite Attic Insulation (EPA 600/R-04/004)	<input type="checkbox"/> Air- AHERA	<input type="checkbox"/> Bulk- Presence / Absence EPA600/R-93/116	<input type="checkbox"/> Bulk- Quantitative [weight%]- Chatfield	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day
<input type="checkbox"/> 400 Point Count	<input type="checkbox"/> Other	<input type="checkbox"/> Air- NIOSH 7402	<input type="checkbox"/> Dust- Presence / Absence	<input type="checkbox"/> Dust- Quantitative [fibers/sq.cm]- ASTM D5755	<input type="checkbox"/> 24 - Hour	<input type="checkbox"/> 3 - Day
<input type="checkbox"/> 1000 Point Count	<input type="checkbox"/> PCM	<input type="checkbox"/> Air- ISO 10312	<input type="checkbox"/> Drinking Water- EPA 100.2	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> 3 - Day	<input type="checkbox"/> 5 - Day
<input type="checkbox"/> Gravimetric Preparation	<input type="checkbox"/> NIOSH 7400	<input type="checkbox"/> Waste Water- EPA 600/4-83-043				
<input type="checkbox"/> Particle ID						

No.	Sample ID (10 Characters Max)	To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1	<input checked="" type="checkbox"/>		TSI		
2		<input type="checkbox"/>				
3		<input type="checkbox"/>				
4		<input type="checkbox"/>				
5		<input type="checkbox"/>				
6		<input type="checkbox"/>				
7		<input type="checkbox"/>				
8		<input type="checkbox"/>				
9		<input type="checkbox"/>				
10		<input type="checkbox"/>				

**SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE** • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"  
 Please Note - UPS and USPS are NOT available for Saturday Delivery