

Appendix A – Laboratory Reports



EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / charlottelab@emsl.com

EMSL Order: 412000865

Customer ID: SMGS78B

Customer PO:

Project ID: Oroville EM OP

Attention: Dave Beadle, CIH

Safety Management Systems

1001 Brad Freeman Trail

Trailer #2 / Safety Mgmt Systems

Oroville, CA 95965

Project: 2020.01.24 Burma Rd. (Oroville EM OP)

Phone: (661) 699-9375

Fax:

Received Date: 1/28/2020 8:50 AM

Analysis Date: 01/28/2020

Collected Date: 01/24/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00124-OFD-BPT-01 412000865-0001	WP088A AM Burma Road 01	1944.00	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-BPT-02 412000865-0002	WP088A PM Burma Road 01	1938.60	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-BPT-F B1 412000865-0003	Field Blank 1	0.00	0.1310	0	None Detected			N/A	<7.60	N/A
00124-OFD-BPT-F B2 412000865-0004	Field Blank 2	0.00	0.1310	0	None Detected			N/A	<7.60	N/A

Analyst(s)

Aaron Hartley (4)

Lee Plumley, Laboratory Manager
or other approved signatory

This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. EMSL maintains liability limited to the cost of analysis. Interpretation and use of test results are the responsibility of the client. All samples were received in acceptable condition unless otherwise noted. The analyses above were performed with a 25% overload criteria as per EPA 40 CFR Part 763 Subpart E. A 10% overload criteria can be applied at client's request.

Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Initial report from: 01/28/2020 14:11:27



EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / charlottelab@emsl.com

EMSL Order: 412000864
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

Attention: Dave Beadle, CIH Safety Management Systems 1001 Brad Freeman Trail Trailer #2 / Safety Mgmt Systems Oroville, CA 95965 Project: 2020.01.24 Launch Ramp (Oroville EM OP)	Phone: (661) 699-9375 Fax: Received Date: 1/28/2020 8:50 AM Analysis Date: 01/28/2020 Collected Date: 01/24/2020
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Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00124-OFD-LRP-01 412000864-0001	WP092A AM Launch Ramp Parking	1937.70	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-LRP-02 412000864-0002	WP081A AM Launch Ramp Turnaround	1946.70	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-LRP-03 412000864-0003	WP092A PM Launch Ramp Parking	1958.30	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-LRP-04 412000864-0004	WP081A PM Launch Ramp Turnaround	1939.50	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-LRP-05 412000864-0005	Field Blank 1	0.00	0.1310	0	None Detected			N/A	<7.60	N/A
00124-OFD-LRP-06 412000864-0006	Field Blank 2	0.00	0.1310	0	None Detected			N/A	<7.60	N/A

Analyst(s)

Aaron Hartley (6)

Lee Plumley, Laboratory Manager
or other approved signatory

This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. EMSL maintains liability limited to the cost of analysis. Interpretation and use of test results are the responsibility of the client. All samples were received in acceptable condition unless otherwise noted. The analyses above were performed with a 25% overload criteria as per EPA 40 CFR Part 763 Subpart E. A 10% overload criteria can be applied at client's request.

Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Initial report from: 01/29/2020 08:04:33



EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / charlottelab@emsl.com

EMSL Order: 412000863

Customer ID: SMGS78B

Customer PO:

Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.24 Upper Area (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 8:50 AM
Analysis Date: 01/28/2020
Collected Date: 01/24/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00124-OFD-PMT-01 412000863-0001	WP 083A AM Dan Beebe Trail	1965.60	0.1970	0	None Detected			0.0010	<5.10	<0.0010
00124-OFD-PMT-02 412000863-0002	WP 249 AM Canyon Drive	1944.00	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-PMT-03 412000863-0003	WP 091A AM Upper Overlook	1948.50	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-PMT-04 412000863-0004	WP 246 AM Intake Yard	1948.50	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-PMT-05 412000863-0005	WP 083A PM Dan Beebe Trail	1936.80	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-PMT-06 412000863-0006	WP 249 PM Canyon Drive	1936.80	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-PMT-07 412000863-0007	WP 091A PM Upper Overlook	1944.00	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-PMT-08 412000863-0008	WP 246 PM Intake Yard	1950.30	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00124-OFD-PMT-F B01 412000863-0009	Field Blank 1	0.00	0.1310	0	None Detected			N/A	<7.60	N/A
00124-OFD-PMT-F B02 412000863-0010	Field Blank 2	0.00	0.1310	0	None Detected			N/A	<7.60	N/A



EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / charlottelab@emsl.com

EMSL Order: 412000863
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

Attention: Dave Beadle, CIH Safety Management Systems 1001 Brad Freeman Trail Trailer #2 / Safety Mgmt Systems Oroville, CA 95965 Project: 2020.01.24 Upper Area (Oroville EM OP)	Phone: (661) 699-9375 Fax: Received Date: 1/28/2020 8:50 AM Analysis Date: 01/28/2020 Collected Date: 01/24/2020
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Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)

Analyst(s)

Aaron Hartley (10)

Lee Plumley, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Initial report from: ASB_TEMCARB_0001

Page 5 of 2

01/29/2020

_0002 1.92 Printed:

08:04:10

1/29/2020 8:04:15 AM



EMSL Analytical, Inc.

490 Rowley Road Depew, NY 14043
Tel/Fax: (716) 651-0030 / (716) 651-0394
<http://www.EMSL.com> / buffalolab@emsl.com

EMSL Order: 142000361
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

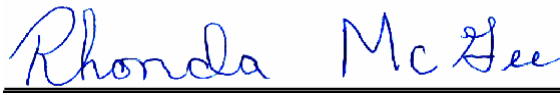
Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.25 Burma Rd (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 10:35 AM
Analysis Date: 01/29/2020
Collected Date: 01/25/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00125-OFD-BPT-01 142000361-0001	WP088A AM Burma Rd01	1948.50	0.1980	0	None Detected			0.0010	<5.10	<0.0010
00125-OFD-BPT-02 142000361-0002	WP088A PM Burma Rd 01	1941.30	0.2110	0	None Detected			0.0009	<4.70	<0.0009
00125-OFD-BPT-F B1 142000361-0003	Field Blank 1	0.00	0.1320	0	None Detected			N/A	<7.60	N/A
00125-OFD-BPT-F B2 142000361-0004	Field Blank 2	0.00	0.1320	0	None Detected			N/A	<7.60	N/A

Analyst(s)
Mark Tate (4)


Rhonda McGee, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Depew, NY

Initial report from: 01/29/2020 09:04:16



EMSL Analytical, Inc.

490 Rowley Road Depew, NY 14043
Tel/Fax: (716) 651-0030 / (716) 651-0394
<http://www.EMSL.com> / buffalolab@emsl.com

EMSL Order: 142000359
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

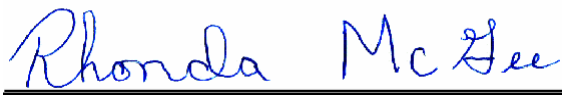
Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.25 Launch Ramp (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 10:35 AM
Analysis Date: 01/29/2020
Collected Date: 01/25/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00125-OFD-LRP-01 142000359-0001	WP092A AM Launch Ramp Parking	1944.80	0.1980	0	None Detected			0.0010	<5.10	<0.0010
00125-OFD-LRP-02 142000359-0002	WP081A AM Launch Ramp Turnaround	1961.10	0.1980	0	None Detected			0.0010	<5.10	<0.0010
00125-OFD-LRP-03 142000359-0003	WP092A PM Launch Ramp Parking	1973.70	0.1980	0	None Detected			0.0010	<5.10	<0.0010
00125-OFD-LRP-04 142000359-0004	WP081A PM Launch Ramp Turnaround	1965.60	0.1980	0	None Detected			0.0010	<5.10	<0.0010
00125-OFD-LRP-F B1 142000359-0005	Field Blank 1	0.00	0.1320	0	None Detected			N/A	<7.60	N/A
00125-OFD-LRP-F B2 142000359-0006	Field Blank 2	0.00	0.1320	0	None Detected			N/A	<7.60	N/A

Analyst(s)
Mark Tate (6)


Rhonda McGee, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Depew, NY

Initial report from: 01/29/2020 10:50:02



EMSL Analytical, Inc.

490 Rowley Road Depew, NY 14043
Tel/Fax: (716) 651-0030 / (716) 651-0394
<http://www.EMSL.com> / buffalolab@emsl.com

EMSL Order: 142000360
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.25 Upper Area (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 10:35 AM
Analysis Date: 01/29/2020
Collected Date: 01/25/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
0125-OFD-PMT-01 <i>142000360-0001</i>	WP 083A AM Dan Beebe Trail	1944.00	0.2110	0	None Detected			0.0009	<4.70	<0.0009
0125-OFD-PMT-02 <i>142000360-0002</i>	WP 249 AM Canyon Drive	1944.00	0.2110	0	None Detected			0.0009	<4.70	<0.0009
0125-OFD-PMT-03 <i>142000360-0003</i>	WP 091A AM Upper Overlook	1934.10	0.2110	0	None Detected			0.0009	<4.70	<0.0009
0125-OFD-PMT-04 <i>142000360-0004</i>	WP 246 AM Intake Yard	1943.10	0.2110	0	None Detected			0.0009	<4.70	<0.0009
0125-OFD-PMT-05 <i>142000360-0005</i>	WP 083A PM Dan Beebe Trail	1944.00	0.2110	0	None Detected			0.0009	<4.70	<0.0009
0125-OFD-PMT-06 <i>142000360-0006</i>	WP 249 PM Canyon Drive	1946.70	0.1980	0	None Detected			0.0010	<5.10	<0.0010
0125-OFD-PMT-07 <i>142000360-0007</i>	WP 091A PM Upper Overlook	1962.90	0.1980	0	None Detected			0.0010	<5.10	<0.0010
0125-OFD-PMT-08 <i>142000360-0008</i>	WP 246 PM Intake Yard	1971.00	0.1980	0	None Detected			0.0010	<5.10	<0.0010
0125-OFD-PMT-FB 01 <i>142000360-0009</i>	Field Blank 1	0.00	0.1320	0	None Detected			N/A	<7.60	N/A
0125-OFD-PMT-FB 02 <i>142000360-0010</i>	Field Blank 2	0.00	0.1320	0	None Detected			N/A	<7.60	N/A

Analyst(s)
Mark Tate (10)

Rhonda McGee, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Depew, NY

Initial report from: 01/29/2020 15:17:33



LA Testing

5431 Industrial Drive Huntington Beach, CA 92649
 Tel/Fax: (714) 828-4999 / (714) 828-4944
<http://www.LATesting.com/> / gardengrovelab@latesting.com

LA Testing Order: 332001709
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP


Attention: Dave Beadle, CIH
 Safety Management Systems
 1001 Brad Freeman Trail
 Trailer #2 / Safety Mgmt Systems
 Oroville, CA 95965
Project: 2020.01.26 Burma Rd (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 10:30 AM
Analysis Date: 01/29/2020
Collected Date: 01/26/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00126-OFD-BPT-01 332001709-0001	WP088A AM Burma Road 01	1948.50	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00126-OFD-BPT-02 332001709-0002	WP088A PM Burma Road 01	1948.50	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00126-OFD-BPT-F B1 332001709-0003	Field blank 1	0.00	0.1310	0	None Detected			N/A	<7.60	N/A
00126-OFD-BPT-F B2 332001709-0004	Field blank 2	0.00	0.1310	0	None Detected			N/A	<7.60	N/A

Analyst(s)
 Jeffrey Deboo (4)


 Michael DeCavallas, Laboratory Manager
 or other approved signatory

LA Testing is not responsible for data reported in structures /cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above and may not be reproduced except in full, without written approval by LA Testing. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. LA Testing bears no responsibility for sample collection activities or analytical method limitations. Sample received in acceptable condition unless otherwise noted. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
 Samples analyzed by LA Testing Huntington Beach, CA

Initial report from: 01/29/2020 09:22:34



LA Testing

5431 Industrial Drive Huntington Beach, CA 92649
Tel/Fax: (714) 828-4999 / (714) 828-4944
<http://www.LATesting.com/> / gardengrovelab@latesting.com

LA Testing Order: 332001708
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.26 Launch Ramp (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 10:30 AM
Analysis Date: 01/28/2020 - 01/29/2020
Collected Date: 01/26/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00126-OFD-LRP-01 332001708-0001	WP092A AM Launch Ramp Parking	1913.30	0.2100	0	None Detected			0.0010	<4.80	<0.0010
00126-OFD-LRP-02 332001708-0002	WP081A AM Launch Ramp Turnaround	1917.00	0.2100	0	None Detected			0.0010	<4.80	<0.0010
00126-OFD-LRP-03 332001708-0003	WP092A PM Launch Ramp Parking	1952.10	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00126-OFD-LRP-04 332001708-0004	WP081A PM Launch Ramp Turnaround	1939.50	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00126-OFD-LRP-F B1 332001708-0005	Field blank 1	0.00	0.1310	0	None Detected			N/A	<7.60	N/A
00126-OFD-LRP-F B2 332001708-0006	Field blank 2	0.00	0.1310	0	None Detected			N/A	<7.60	N/A

Analyst(s)
Christopher Miranda (6)

Michael DeCavallas, Laboratory Manager
or other approved signatory

LA Testing is not responsible for data reported in structures /cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above and may not be reproduced except in full, without written approval by LA Testing. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. LA Testing bears no responsibility for sample collection activities or analytical method limitations. Sample received in acceptable condition unless otherwise noted. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by LA Testing Huntington Beach, CA

Initial report from: 01/29/2020 12:14:35



LA Testing

5431 Industrial Drive Huntington Beach, CA 92649
Tel/Fax: (714) 828-4999 / (714) 828-4944
<http://www.LATesting.com/> / gardengrovelab@latesting.com

LA Testing Order: 332001704
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.26 Upper Area (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 10:30 AM
Analysis Date: 01/29/2020
Collected Date: 01/26/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5 μ	≥5μ		(S/mm ²)	(S/cc)
00126-OFD-PMT-01 332001704-0001	WP 083A AM Dan Beebe Trail	1944.00	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00126-OFD-PMT-02 332001704-0002	WP 249 AM Canyon Drive	1931.40	0.2100	0	None Detected			0.0010	<4.80	<0.0010
00126-OFD-PMT-03 332001704-0003	WP 091A AM Upper Overlook	1922.40	0.2100	0	None Detected			0.0010	<4.80	<0.0010
00126-OFD-PMT-04 332001704-0004	WP 246 AM Intake Yard	1907.20	0.2100	0	None Detected			0.0010	<4.80	<0.0010
00126-OFD-PMT-05 332001704-0005	WP 083A PM Dan Beebe Trail	1909.00	0.2100	0	None Detected			0.0010	<4.80	<0.0010
00126-OFD-PMT-06 332001704-0006	WP 249 PM Canyon Drive	1941.30	0.2100	1	None Detected			0.0009	<4.80	<0.0009
Non-asbestos structures reported include a contribution from non-regulated amphiboles.										
00126-OFD-PMT-07 332001704-0007	WP 091A PM Upper Overlook	1944.00	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00126-OFD-PMT-08 332001704-0008	WP 246 PM Intake Yard	1936.80	0.2100	0	None Detected			0.0009	<4.80	<0.0009
00126-OFD-PMT-F B01 332001704-0009	Field blank 1	0.00	0.1310	0	None Detected			N/A	<7.60	N/A
00126-OFD-PMT-F B02 332001704-0010	Field blank 2	0.00	0.1310	0	None Detected			N/A	<7.60	N/A



LA Testing

5431 Industrial Drive Huntington Beach, CA 92649
Tel/Fax: (714) 828-4999 / (714) 828-4944
<http://www.LATesting.com/> / gardengrovelab@latesting.com

LA Testing Order: 332001704
Customer ID: SMGS78B
Customer PO:
Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.26 Upper Area (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/28/2020 10:30 AM
Analysis Date: 01/29/2020
Collected Date: 01/26/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)

Analyst(s)
Jeffrey Deboo (10)

Michael DeCavallas, Laboratory Manager
or other approved signatory

LA Testing is not responsible for data reported in structures /cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above and may not be reproduced except in full, without written approval by LA Testing. This test report must not be used to claim product endorsement by NVLAP or any agency of the U .S. Government. LA Testing bears no responsibility for sample collection activities or analytical method limitations. Sample received in acceptable condition unless otherwise noted. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by LA Testing Huntington Beach, CA



EMSL Analytical, Inc.

2975 Brighton Henrietta Town Line Rd ,100 Ste 130 Rochester, NY 14623

Tel/Fax: (585) 957-9436 / (585) 957-9437

<http://www.EMSL.com / rochesterlab@EMSL.com>

EMSL Order: 532000162

Customer ID: SMGS78B

Customer PO:

Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.27 Burma Rd (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/29/2020 12:01 PM
Analysis Date: 01/30/2020
Collected Date: 01/27/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00127-OFD-BPT-01 532000162-0001	WP088A AM Burma Road 01	1873.80	0.2080	0	None Detected			0.0010	<4.80	<0.0010
00127-OFD-BPT-F B1 532000162-0002	Field Blank 1	0.00	0.1300	0	None Detected			N/A	<7.70	N/A
00127-OFD-BPT-F B2 532000162-0003	Field Blank 2	0.00	0.1300	0	None Detected			N/A	<7.70	N/A

Analyst(s)

Peter Donato (3)

Peter Donato Asbestos Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Rochester, NY

Initial report from: 01/30/2020 11:42:03



EMSL Analytical, Inc.

2975 Brighton Henrietta Town Line Rd ,100 Ste 130 Rochester, NY 14623

Tel/Fax: (585) 957-9436 / (585) 957-9437

<http://www.EMSL.com / rochesterlab@EMSL.com>

EMSL Order: 532000163

Customer ID: SMGS78B

Customer PO:

Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965

Project: 2020.01.27 Launch Ramp (Oroville EM OP)

Phone: (661) 699-9375

Fax:

Received Date: 1/29/2020 12:14 PM

Analysis Date: 01/30/2020 - 01/31/2020

Collected Date: 01/27/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00127-OFD-LRP-01 532000163-0001	WP092A AM Launch Ramp Parking	1809.00	0.2210	0	None Detected			0.0010	<4.50	<0.0010
00127-OFD-LRP-02 532000163-0002	WP081A AM Launch Ramp Turnaround	1827.80	0.2210	0	None Detected			0.0010	<4.50	<0.0010
00127-OFD-LRP-F B1 532000163-0003	Field Blank 1	0.00	0.1300	0	None Detected			N/A	<7.70	N/A
00127-OFD-LRP-F B2 532000163-0004	Field Blank 2	0.00	0.1300	0	None Detected			N/A	<7.70	N/A

Analyst(s)

Peter Donato (4)

Peter Donato Asbestos Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Rochester, NY

Initial report from: 01/31/2020 15:33:40



EMSL Analytical, Inc.

2975 Brighton Henrietta Town Line Rd ,100 Ste 130 Rochester, NY 14623

Tel/Fax: (585) 957-9436 / (585) 957-9437

<http://www.EMSL.com / rochesterlab@EMSL.com>

EMSL Order: 532000161

Customer ID: SMGS78B

Customer PO:

Project ID: Oroville EM OP

Attention: Dave Beadle, CIH
Safety Management Systems
1001 Brad Freeman Trail
Trailer #2 / Safety Mgmt Systems
Oroville, CA 95965
Project: 2020.01.27 Upper Area (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 1/29/2020 11:39 AM
Analysis Date: 02/03/2020
Collected Date: 01/27/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by CARB-Modified AHERA

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm ²)	(S/cc)
00127-OFD-PMT-0 1 532000161-0001	WP 083A AM Dan Beebe Trail	1813.00	0.2210	0	None Detected			0.0010	<4.50	<0.0010
00127-OFD-PMT-0 2 532000161-0002	WP 249 AM Canyon Drive	1819.80	0.2210	0	None Detected			0.0010	<4.50	<0.0010
00127-OFD-PMT-0 3 532000161-0003	WP 091A AM Upper Overlook	1817.10	0.2210	0	None Detected			0.0010	<4.50	<0.0010
00127-OFD-PMT-0 4 532000161-0004	WP 246 AM Intake Yard	1817.10	0.2210	0	None Detected			0.0010	<4.50	<0.0010
00127-OFD-PMT-F B01 532000161-0005	Field Blank 1	0.00	0.1300	0	None Detected			N/A	<7.70	N/A
00127-OFD-PMT-F B02 532000161-0006	Field Blank 2	0.00	0.1300	0	None Detected			N/A	<7.70	N/A

Analyst(s)

Peter Donato (6)

Peter Donato Asbestos Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Rochester, NY

Initial report from: 02/03/2020 12:04:08



Termination of Project