



# EMSL Analytical, Inc.

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**EMSL Order:** 041708013  
**Customer ID:** SMGS78B  
**Customer PO:**  
**Project ID:** Oroville EM OP


**Attention:** Dave Beadle, CIH  
Safety Management Systems  
460 Glen Drive  
Industrial Hygiene Trailer  
Oroville, CA 95966  
**Project:** 2017.03.21 Perimeter Samples (Oroville EM OP)

**Phone:** (661) 699-9375  
**Fax:**  
**Received Date:** 3/24/2017 8:00 AM  
**Analysis Date:** 03/24/2017  
**Collected Date:** 03/21/2017

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

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Types	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5	≥5μ		(S/mm <sup>2</sup> )	(S/cc)
0321-OFD-PMT-01 041708013-0001	AM Perimeter - Intake Yard	1312.20	0.3040	0	None Detected			0.0010	<3.30	<0.0010
0321-OFD-PMT-02 041708013-0002	AM Perimeter - Upper Lookout Entry	1284.80	0.3040	0	Actinolite	0	1	0.0010	3.30	0.00099
0321-OFD-PMT-03 041708013-0003	AM Perimeter - Upper Lookout Trailer	1316.90	0.3040	0	None Detected			0.0010	<3.30	<0.0010
0321-OFD-PMT-04 041708013-0004	AM Perimeter - Canyon Drive	1208.50	0.3300	0	None Detected			0.0010	<3.00	<0.0010
0321-OFD-PMT-05 041708013-0005	PM Perimeter - Intake Yard	1738.70	0.2240	0	None Detected			0.0010	<4.50	<0.0010
0321-OFD-PMT-06 041708013-0006	PM Perimeter - Upper Lookout Entry	1817.50	0.2240	0	None Detected			0.0009	<4.50	<0.0009
0321-OFD-PMT-07 041708013-0007	PM Perimeter - Upper Lookout Trailer	1843.40	0.2110	0	None Detected			0.0010	<4.70	<0.0010
0321-OFD-PMT-08 041708013-0008	PM Perimeter - Canyon Drive	1576.70	0.2510	0	None Detected			0.0010	<4.00	<0.0010
0321-OFD-PMT-FB1 041708013-0009	Field Blank 1	0.00	0.1320	0	None Detected			N/A	<7.60	N/A
0321-OFD-PMT-FB2 041708013-0010	Field Blank 2	0.00	0.1320	0	None Detected			N/A	<7.60	N/A

Analyst(s)  
Darrah Johnson-McDaniel (10)

  
Benjamin Ellis, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial Report From: 03/25/2017 08:16:31