



EMSL Analytical, Inc.

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EMSL Order: 041708497

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: 2017.03.27 Perimeter Samples (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 3/29/2017 8:00 AM
Analysis Date: 03/30/2017
Collected Date: 03/27/2017

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)
0327-OFD-PMT-01 041708497-0001	AM Perimeter - Intake Yard	919.56	0.4220	0	None Detected			0.0010	<2.40	<0.0010
0327-OFD-PMT-02 041708497-0002	AM Perimeter - Upper Lookout Entry	1992.60	0.1980	7	Actinolite	1	1	0.0010	10.00	0.0020
Non-asbestos structures reported above contain a contribution from non-regulated amphiboles										
0327-OFD-PMT-03 041708497-0003	AM Perimeter - Upper Lookout Trailer	2279.80	0.1720	0	None Detected			0.0010	<5.80	<0.0010
0327-OFD-PMT-04 041708497-0004	AM Perimeter - Canyone Drive	2076.80	0.1980	0	None Detected			0.0009	<5.10	<0.0009
0327-OFD-PMT-05 041708497-0005	PM Perimeter - Intake Yard	2603.30	0.1580	0	None Detected			0.0009	<6.30	<0.0009
0327-OFD-PMT-06 041708497-0006	PM Perimeter - Upper Lookout Entry	2466.80	0.1580	0	None Detected			0.0010	<6.30	<0.0010
0327-OFD-PMT-07 041708497-0007	PM Perimeter - Upper Lookout Trailer	2884.90	0.1450	0	Actinolite	0	1	0.0009	6.90	0.00092
0327-OFD-PMT-08 041708497-0008	PM Perimeter - Canyone Drive	2653.30	0.1450	0	None Detected			0.0010	<6.90	<0.0010
0327-OFD-PMT-FB1 041708497-0009	Field Blank 1	0.00	0.1320	0	None Detected			N/A	<7.60	N/A
0327-OFD-PMT-FB2 041708497-0010	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: 03/31/2017 10:17:42