



EMSL Analytical, Inc.

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EMSL Order: 041708679

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: 2017.03.28 Perimeter Samples (Oroville EM OP)

Phone: (661) 699-9375
Fax:
Received Date: 3/30/2017 8:30 AM
Analysis Date: 03/31/2017
Collected Date: 03/28/2017

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)
0328-OFD-PMT-01 041708679-0001	AM Perimeter - Intake Yard	2168.00	0.1850	0	None Detected			0.0010	<5.40	<0.0010
0328-OFD-PMT-02 041708679-0002	AM Perimeter - Upper Lookout Entry	2204.30	0.0000	0	Overloaded					
Particulate loading greater than 10%.										
0328-OFD-PMT-03 041708679-0003	AM Perimeter - Upper Lookout Trailer	2117.50	0.1850	4	Actinolite	1	3	0.0010	22.00	0.0039
Non-asbestos structures reported above contain a contribution from non-regulated amphiboles										
0328-OFD-PMT-04 041708679-0004	AM Perimeter - Canyon Drive	2090.50	0.1848	0	Tremolite	0	1	0.0009	5.40	0.0010
0328-OFD-PMT-05 041708679-0005	PM Perimeter - Intake Yard	2699.70	0.1452	0	None Detected			0.0009	<6.90	<0.0009
0328-OFD-PMT-06 041708679-0006	PM Perimeter - Upper Lookout Entry	2936.40	0.1320	0	None Detected			0.0010	<7.60	<0.0010
0328-OFD-PMT-07 041708679-0007	PM Perimeter - Upper Lookout Trailer	2899.30	0.1450	0	None Detected			0.0009	<6.90	<0.0009
0328-OFD-PMT-08 041708679-0008	PM Perimeter - Canyon Drive	2905.30	0.1450	0	None Detected			0.0009	<6.90	<0.0009
0328-OFD-PMT-FB1 041708679-0009	Field Blank 1	0.00	0.1320	0	None Detected			N/A	<7.60	N/A
0328-OFD-PMT-FB2 041708679-0010	Field Blank 2	0.00	0.1320	0	None Detected			N/A	<7.60	N/A

Analyst(s)

Darrah Johnson-McDaniel (9)

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 17:37:42