



EMSL Analytical, Inc.

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AD01-02: EXHIBIT B

EMSL Order: 092223848

Customer ID: MBAR75

Customer PO:

Project ID:

Attention: Shawn Boyle
Monterey Bay Air Resources District
24580 Silver Cloud Court
Monterey, CA 93940

Phone: (831) 647-9411

Fax:

Received Date: 10/25/2022 9:15 AM

Analysis Date: 11/01/2022

Collected Date: 10/24/2022

Project: MBARD ROOFING PROJECT

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
10-24-2022-1-SB <small>092223848-0001</small>	MBARD LOWER ROOF - TAR+GRAVEL ROOFING	Brown/Black Fibrous Heterogeneous	20% Cellulose 10% Glass	60% Matrix 10% Non-fibrous (Other)	None Detected
10-24-2022-2-SB-Roofing <small>092223848-0002</small>	MBARD LOWER ROOF - PARAPET MATERIAL	Black Non-Fibrous Homogeneous	5% Glass	5% Quartz 60% Matrix 30% Non-fibrous (Other)	None Detected
10-24-2022-2-SB-Compound <small>092223848-0002A</small>	MBARD LOWER ROOF - PARAPET MATERIAL	Tan Non-Fibrous Homogeneous	5% Glass	80% Gypsum 15% Non-fibrous (Other)	None Detected
10-24-2022-2-SB-Membrane <small>092223848-0002B</small>	MBARD LOWER ROOF - PARAPET MATERIAL	White Non-Fibrous Homogeneous	6% Synthetic	80% Matrix 14% Non-fibrous (Other)	None Detected
10-24-2022-3-SB-Roofing <small>092223848-0003</small>	MBARD UPPER ROOF - PARAPET MATERIAL	Black Non-Fibrous Homogeneous		5% Quartz 80% Matrix 15% Non-fibrous (Other)	None Detected
10-24-2022-3-SB-Compound <small>092223848-0003A</small>	MBARD UPPER ROOF - PARAPET MATERIAL	Tan Non-Fibrous Homogeneous	3% Glass	80% Gypsum 17% Non-fibrous (Other)	None Detected
10-24-2022-3-SB-Membrane <small>092223848-0003B</small>	MBARD UPPER ROOF - PARAPET MATERIAL	White Non-Fibrous Homogeneous	4% Synthetic	80% Matrix 16% Non-fibrous (Other)	None Detected
10-24-2022-4-SB <small>092223848-0004</small>	MBARD UPPER ROOF - TAR+GRAVEL ROOFING	Black Fibrous Homogeneous	20% Glass	70% Matrix 10% Non-fibrous (Other)	None Detected

Analyst(s)

David Nguyen (8)

Cecilia Yu, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. 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 sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial report from: 11/01/2022 16:23:36



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

092223848

EMSL ANALYTICAL, INC.
464 MCCORMICK STREET
SAN LEANDRO, CA 94577
PHONE: 510-895-3675
FAX: 510-895-3680

Company Name : Monterey Bay Air Resources District		EMSL Customer ID: +32MBAR66	
Street: 24580 Silver Cloud Court		City: Monterey	State/Province: CA
Zip/Postal Code: 93940	Country: USA	Telephone #: 831-647-9411	Fax #:
Report To (Name): Shawn Boyle		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: sboyle@mbard.org		Purchase Order:	
Project Name/Number: MBARD Roofing Project		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: 4		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different - If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party			

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	Soil/Rock/Vermiculite <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only)
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking

Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Shawn Boyle Samplers Signature: [Signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
10-24-2022-1-SB	MBARD Lower Roof - TAIL + GRAVEL ROOFING		10.24.22
10-24-2022-2-SB	MBARD Lower Roof - PARAPET MATERIAL		10.24.22
10-24-2022-3-SB	MBARD Upper Roof - PARAPET MATERIAL		10.24.22
10-24-2022-4-SB	MBARD Upper Roof - TAIL + GRAVEL ROOFING		10.24.22

Client Sample # (s): - Total # of Samples:

Relinquished (Client): [Signature] Date: 10.24.22 Time: 10:20

Received (Lab): SVR FX: 8136-8535-0401 Date: 10/25/22 Time: 9:15am

Comments/Special Instructions: