



11815 NE 99th Street, Suite 1294
Vancouver, WA 98662
Voice: 360-574-3058
Fax: 360-576-0925
Web: <https://www.swcleanair.gov>
Email: Tina@swcleanair.gov

Notification of Demolition

Case #: 24-244

Amendment: 0

Date Received: 4/16/2024

Date Paid: 4/16/2024

SWCAA Fee: \$74.00

Receipt #: 154653382

10 day waiting period from date submitted

1. Type of Notification: Original

2. Type of Operation: Demolition

3. Facility Description: Castle Rock, WA

Commercial Name or Description: BNSF Castle Rock

Address: 46.254813, -122.849881

City/State/Zip/County: Castle Rock, WA 98611 COWLITZ COUNTY

Present Use: Miscellaneous

Previous Use: Miscellaneous

4. Facility Information

Property Owner:

Property Owner: BNSF

5. Name and AHERA Certification Number of Asbestos Inspector:

Name: Dallas Meck

Certification #: 50864 SR

6. Asbestos Removal Contractor (if applicable):

Mailing Address: OR,

7. Dates Asbestos Removal Occurred:

Start:

Complete:

Asbestos Case No.: -

8. Dates Demolition Will Occur:

Start: 4/29/2024

Complete: 4/30/2024

9. Demolition Contractor:

Name: IRS Environmental of Portland, Inc.

Mailing Address: 777 SW Armco Ave, Hillsboro, OR, 97123

Contact: Nancy Nguyen

Phone: 503-693-6388

10. Asbestos Disposal Site: N/A

11. Description of planned demolition work, method(s) to be used:

Manually remove vermiculite by opening up the bottom of the block to flush out as much as possible into a vacuum. Once the flow slows down, IRS plan to use a small excavator to remove the blocks while flushing more vermiculite out of

12. Fugitive Emissions/dust from Demolition Activities MUST BE Controlled/Prevented during all phases of the project

Wet methods during removal

13. If unexpected Asbestos containing Material (ACM) is found during demolition, Stop Work, Notify SWCAA and Consult/Hire a Certified Asbestos Abatement Contractor

<=1% vermiculite

14. If demolition is ordered by a Government Agent:

15. For Emergency Demolitions (Contact SWCAA prior to work): ☐ Emergency Demolition

Date and Time of Emergency:

Description of Sudden, Unexpected Event:

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable burden:

16. I Certify that the above information is correct:

Submitter Name: Nancy Nguyen

Representing: IRS Environmental of Portland

Submitter Title: CEO

Date Submitted: 4/16/2024

Email Address: Nancy@IRSEnvironmental.com

Reviewed by SWCAA: Brian Fallon

☒ Approved

The Washington State Dangerous Waste Regulations (WAC 173-303) require that demolition debris be evaluated to determine if it is dangerous. The evaluation should be completed before demolition to ensure that hazardous constituents are not released to the environment and do not present a risk to human health during or after demolition. These requirements apply to all buildings being demolished and are the responsibility of the property owner. The Washington Department of Ecology's website, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Dangerous-waste-guidance/Common-dangerous-waste/Construction-and-demolition>, provides more information about the requirements and about sampling and testing construction materials to determine if they present a risk. For more information please contact a Hazardous Waste Inspector at the Washington Department of Ecology Southwest Regional Office: (360) 407-6300.



NESHAP Asbestos Survey Report

Building System ID #10976

BNSF Railway

May 18, 2023

Microwave Tower Building
Davis Road and Headquarters Road
Castle Rock, Washington 98611
Latitude 46.254813 Longitude -122.849881

BNSF Purchase Order Number 68177

GHD Services Inc.

3807 South 148th Street,

Omaha, Nebraska 68144, United States

T +1 402 778 4801 | **F** +1 402 778 4807 | **E** info-northamerica@ghd.com | **ghd.com**

→ The Power of Commitment

3807 South 148th Street
Omaha, Nebraska 68144
United States
www.ghd.com



Your ref: 68177
Our ref: 12587400-126

May 18, 2023

Mr. Michael Clift
Sr. Manager Environmental Operations
BNSF Railway Company
4515 Kansas Avenue
Kansas City, Kansas 66106

NESHAP Asbestos Survey Report
BNSF System ID #10976
Microwave Tower Building
Castle Rock, Washington 98611

Dear Mr. Clift:

GHD was retained by BNSF Railway Company to perform an asbestos survey of the above-mentioned facility. This survey included a visual inspection and the collection of samples to identify suspect asbestos-containing material (ACM) as necessary. The survey was performed in accordance with GHD Contract ID BF-20175967 for BNSF asbestos survey services, as well as applicable Federal, state, and local regulations. Specific details of this survey are provided below.

SITE INFORMATION			
Building Name	Microwave Tower Building	Building System ID #	10976
Facility Name	Castle Rock		
Building Address	Davis Road and Headquarters Road		
City, State, ZIP	Castle Rock, WA 98611		
Latitude	46.254813		
Longitude	-122.849881		
Year Built	1963		
Building GSF	200 SF		
BNSF Contact	Michael Clift		

INSPECTION INFORMATION	
Inspection Date	May 8, 2023
Inspector Name	Dallas Meck
Inspector Company	B2 Environmental, Inc.
BNSF Contact	Mike Snyder
Inspection Purpose	☐ Baseline ☒ Pre-Renovation ☐ Pre-Demolition ☐ Other (describe)
Area(s) Included	Inspection was limited to insulation within the cinder block walls
Limitations/ Exclusions	Limited to only sampling cinder block wall insulation

SURVEY RESULTS				
ACM Present?	☒ YES	☐ NO	☐ ASSUMED	<i>Refer to report appendices for details</i>

If you have any questions or require additional information, please do not hesitate to call me at (531) 210-3025.

Respectfully submitted,

GHD

Adam Hagedorn
Project Manager
adam.hagedorn@ghd.com
Direct Line +1 531 210 3025



Dallas Meck
Sr. Project Manager, B2 Environmental, Inc.
dallasmeck@b2e.com
Office + 1 402 330 0763

Contents

1.	Summary and Scope of Work	1
1.1	Purpose of this report	1
1.2	Scope and limitations	1
1.3	Assumptions	2

Appendices

Appendix A	Data Summary
Appendix B	Photographs
Appendix C	Schematics
Appendix D	Analytical Results
Appendix E	Inspector License/Certification

1. Summary and Scope of Work

1.1 Purpose of this report

Scope of Work-Limited reinspection of Microwave Tower Building: The previously referenced asset was inspected for asbestos containing materials (ACM). The survey criteria included an inspection to identify visible suspect asbestos containing applications. Any materials that were not visible during the inspection because of their location (i.e. void spaces, inaccessible pipe tunnels, or any other areas inaccessible to the inspector) are considered ACM until they are sampled and found to be non-ACM. The inspection was conducted by B2 Environmental, Inc. (B2E), 4503 South 90th Street, Omaha, Nebraska, 68127.

1.2 Scope and limitations

This report: has been prepared by GHD for BNSF Railway and may only be used and relied on by BNSF Railway for the purpose agreed between GHD and BNSF Railway as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than BNSF Railway arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report (refer section(s) 1.3 of this report). GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by BNSF Railway and others who provided information to GHD, which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

This report is not to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as an Asbestos Project Design document or an Abatement Work Plan.

Our professional services have been performed, our findings obtained, and our conclusions prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

This report is certified to BNSF Railway. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

Additional ACM may be present at the site in inaccessible or concealed spaces. These spaces include, but are not limited to, pipe chases, spaces between wall/ceiling/door/floor cavities, interior of mechanical components such as boiler cavities, interior ducts, beneath foundation pads, etc. If future maintenance/renovation/demolition activities make these areas accessible, GHD recommends that a thorough assessment of these spaces be conducted at that time to

identify and confirm the presence or absence of additional ACMs. Until then, all such unidentified materials should be treated as assumed ACM.

1.3 Assumptions

The results, findings, conclusions, and recommendations expressed in this report are based solely on conditions noted during the May 8, 2023, B2E assessment of the site. Qualifications for the field personnel and analytical laboratory reports are provided in the appendices. As the user of this report, the Client and respective contractors are advised of the following limitations on the information presented in this report.

1. This report is intended for the sole use of the Client. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.
2. Building materials may be present that were not accessible for testing by B2E and may not be discovered until after demolition/renovation activities begin.
3. The report is designed to aid the building owner, architect, construction manager, general contractor, and potential asbestos abatement contractor in locating ACM. Under no circumstances is the report to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as an Asbestos Project Design document or an Abatement Workplan.
4. This assessment was performed in a manner consistent with the level of care and skill ordinarily exercised by environmental professionals practicing contemporaneously under similar conditions in the area of the project in question. No other warranty, express or implied, is given and all other warranties are hereby expressly disclaimed.
5. This report is not a comprehensive site evaluation and should not be construed as such. Only those structures and services specifically stated in Section 1.1 *Purpose of this report* are included in this report.

Appendix A

Data Summary

BNSF Asbestos Inspection Report

Form ID: 2079

Building Name: MICROWAVE TOWER BUILDING

Address: DAVIS ROAD AND HEADQUARTERS ROAD

City: CASTLE ROCK

Approx Year Built: 1963

Latitude: 46.254813

Event Type: Focused Inspection

Start Date: 5/8/2023

Scope of Work:

State: WA

Gross Square Feet: 200.00

Longitude: -122.849881

End Date: 5/8/2023

Facility Name: CASTLE ROCK

Building System ID: 10976

ZIP: 08611

Current Status: IN-PLACE

Use as Baseline? No

BNSF Project Num: 68177

BNSF Manager Name: Michael Clift

BNSF Manager eMail: michaelclift@bnsf.com

BNSF Manager Phone: 817-733-4326

Consultant Organization: GHD

Consultant Project Num: 12587400-126

Inspector Name: Dallas Meck

Inspector eMail: dallasmeck@b2e.com

Inspector Phone: 402-330-0763

Consultant Notes:

Inspector incorrectly identified the building as the Castle Rock Microwave on the asbestos chain of custody.

Homogenous Materials				Location(s) and Condition(s) of Homogeneous Materials								Sample Information			
Record the homogeneous material code in this column.	Provide a description of the homogeneous material	Specify the color of the homogeneous material	Specify the category for the homogeneous material	Provide a description of the location(s) of the homogeneous material. Where a homogeneous material is distributed irregularly throughout a building, specify each location and quantity on a separate line	Specify the Friability Class of the homogeneous material in this location	Specify the condition of the homogeneous material in this location	Specify the current status of the homogeneous material in this location	Specify whether the homogeneous material in this location is simply being confirmed, if quantities and conditions are being updated, or if it is newly identified	Specify the previously reported quantity of the homogeneous material in this location at the time of assessment	Specify the quantity of the homogeneous material in this location at the time of assessment	Specify the units used to report the quantity of the homogeneous material	Indicate whether samples were collected for the homogeneous material at this location	Provide the sample ID's of all samples collected at this location	Indicate the general ACM content of the material	Provide a summary description of the sample analysis results (i.e., Chrysotile - 10%, etc.)
Homo Matl Code	Description	Color	Category	Location	Class	Condition	Status	Action	Prev Qty	Curr Qty	Qty Unit	Samples Collected?	ID	ACM Content	Sample Results
HAG	Vermiculite	Brown/Gold	Miscellaneous	Interior, within cinder block walls	Friable	Good	In-Place	Confirmed	0	550	Square Feet	Yes	HAG-001, 002, 003	<= 1%	<0.25%-0.25% Actinolite

Appendix B

Photographs



Southeast exterior elevation viewing northwest



Northwest exterior elevation viewing southeast



HA9, Vermiculite, <0.25%-0.25% Actinolite

PHOTOGRAPH LOG

Microwave Tower Building

Appendix C

Schematics



KEY

AERIAL VIEW

4503 S 90th Street
Omaha, NE 68127
(o) 402-330-0763



B2 ENVIRONMENTAL

B2Environmental.com

DRAWING TITLE
Microwave Tower Building
Davis Road and
Headquarters Road
Castle Rock, WA 98611

JOB NUMBER
10394.0116

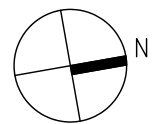
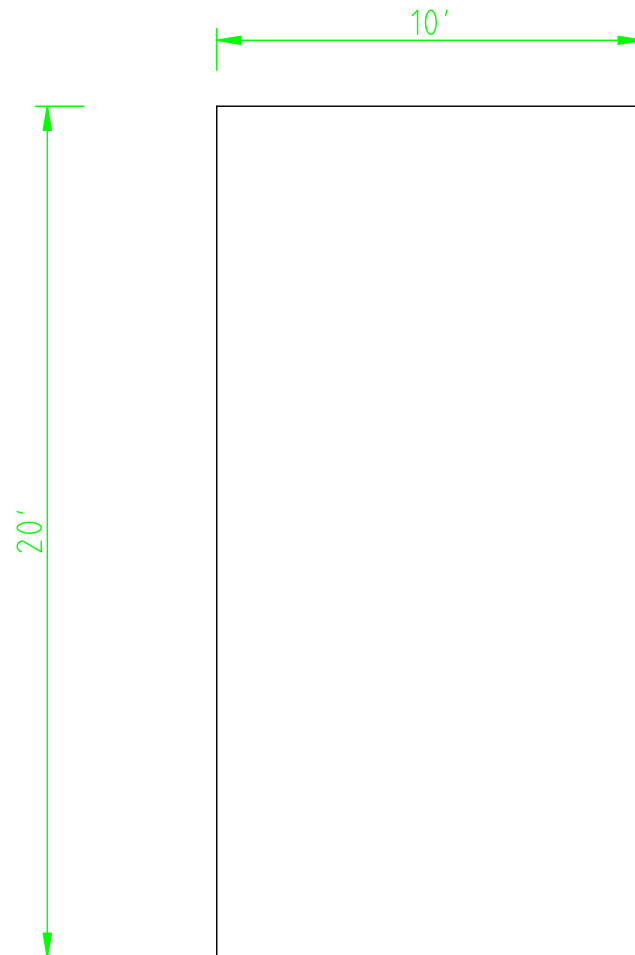
DRAWN BY
MPS

DATE
05/18/23

CAD FILE
Castle Rock.dxf

SCALE
NONE

SHEET
1



EXTERIOR

KEY

INSPECTION WAS LIMITED TO INSULATION
WITHIN THE CINDER BLOCK WALLS

4503 S 90th Street
Omaha, NE 68127
(o) 402-330-0763



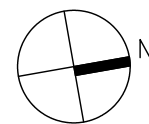
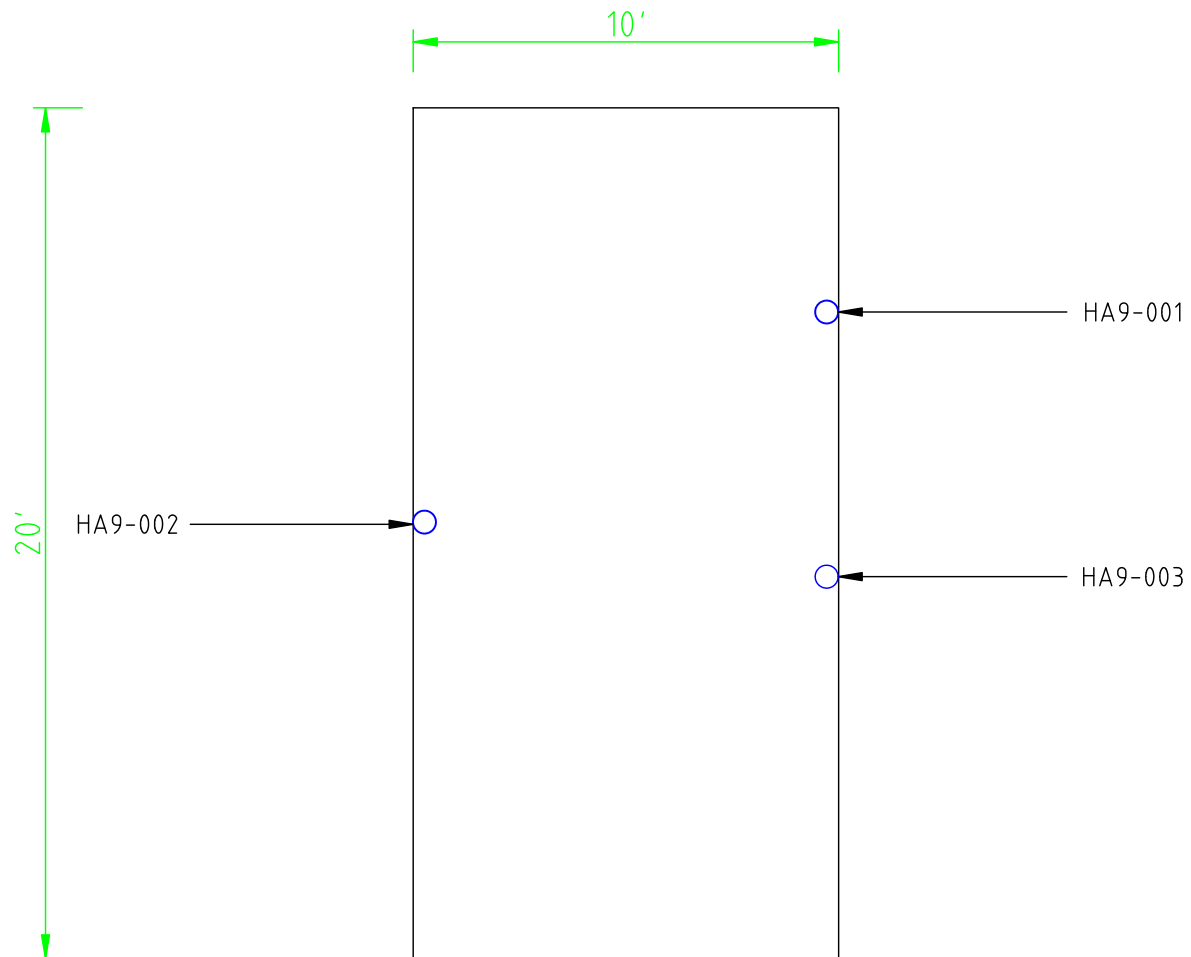
B2 ENVIRONMENTAL

B2Environmental.com

DRAWING TITLE
Microwave Tower Building
Davis Road and
Headquarters Road
Castle Rock, WA 98611

JOB NUMBER 10394.0116	DRAWN BY MPS	DATE 05/18/23	CAD FILE Castle Rock.dxf	SCALE NONE	SHEET 2
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INTERIOR



KEY



NEGATIVE ASBESTOS SAMPLE



POSITIVE ASBESTOS SAMPLE

Positive asbestos containing material is classified as being greater than 1% asbestos.
(Positive asbestos containing material in California is greater than 0.1% asbestos.)

4503 S 90th Street
Omaha, NE 68127
(o) 402-330-0763



B2 ENVIRONMENTAL

B2Environmental.com

DRAWING TITLE

Microwave Tower Building
Davis Road and
Headquarters Road
Castle Rock, WA 98611

JOB NUMBER
10394.0116

DRAWN BY
MPS

DATE
05/18/23

CAD FILE
Castle Rock.dxf

SCALE
NONE

SHEET
3

Appendix D

Analytical Results



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

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

EMSL Order: 162310808

Customer ID: BENV85

Customer PO: 10394.0116

Project ID:

Attention: Bob Hoffman
B2 Environmental, Inc.
4503 South 90th St
Omaha, NE 68127

Phone: (402) 330-0763
Fax: (402) 330-0792
Received: 05/15/2023 9:50 AM
Analysis Date: 05/16/2023
Collected:

Project: 10394.0116 Microwave Tower Building

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy and Milling Prep. Quantitation using 400 Point Count Procedure.

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA9-001 162310808-0001	Vermiculite	Brown/Gold Non-Fibrous Homogeneous		98% Vermiculite 2.0% Non-fibrous (Other)	<0.25% Actinolite
HA9-002 162310808-0002	Vermiculite	Brown/Gold Non-Fibrous Homogeneous		98% Vermiculite 2.0% Non-fibrous (Other)	<0.25% Actinolite
HA9-003 162310808-0003	Vermiculite	Brown/Gold Non-Fibrous Homogeneous		98% Vermiculite 1.75% Non-fibrous (Other)	0.25% Actinolite

Analyst(s)

Hilary Jarvis (2)
Ross Matlock (1)

Asbestos 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 met 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. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. EMSL suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, A2LA Accredited - Certificate #2845.25

Report amended: 05/25/2023 17:28:44 Replaces initial report from: 05/16/2023 16:15:24 Reason Code: Client-Change to Project



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

162310808

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
Phone: (317)803-2997
Fax: (317)803-3047

Company: B2 Environmental Inc. BENV85		EMSL-Bill to: ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 4503 S 90th St		Third Party Billing requires written authorization from third party	
City: Omaha	State/Province: NE	Zip/Postal Code: 68127	Country: U.S.
Report To (Name): Bob Hoffman		Fax #:	
Telephone #: 402-330-0763		Email Address: bobhoffman@b2e.com	
Project Name/Number: 10394.0116		Castle Rock Microwave	
Please Provide Results: ☐ Fax ☒ Email		Purchase Order:	U.S. State Samples Taken: WA
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.			
PLM - Bulk (reporting limit) ☒ PLM EPA 600/R-93/116 (<1%) ☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS 198.1 (friable in NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ NIOSH 9002 (<1%)		PLM - Bulk (reporting limit) ☐ PLM EPA 600/R-93/116 (<1%) ☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS 198.1 (friable in NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ NIOSH 9002 (<1%)	
TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ Chatfield SOP ☐ TEM Mass Analysis-EPA 600 sec. 2.5 Other: ☐			
☐ Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Dallas Meck		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HAG-001,002,003	Vermiculite		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client): Dallas Meck		Date: 5/12/23	Time: 1630
Received (Lab):		Date: 5/15/23	Time: 950am Rf
COMMENTS/SPECIAL INSTRUCTIONS: VERMICULITE			
Utilize 400 point count analysis after milling prep of samples for all states except CA. For samples collected in CA, use 1,000 point count method after milling prep. Those samples collected in California shall be identified as such on the laboratory analysis request submitted to the lab.			
-Additional Libby Amphiboles testing should be conducted for all samples collected in UT.			
*For samples collected in all states except CA, if results are between 1% and 5%, samples shall be point counted utilizing the 400 point count method.			
-If 400 point count results are equal to or greater than 1.5%, then STOP AT FIRST POSITIVE.			
*For samples collected in CA only, if results are found to contain asbestos between <0.1% and 5% then samples shall be point counted utilizing the 1,000 point count method.			
-If 1,000 point count results are greater than 0.1%, then STOP AT FIRST POSITIVE.			

Appendix E

Inspector License/Certification

M & C Environmental Training

Asbestos Contractor/Supervisor

Refresher Training Course

Dallas Meck

Has successfully completed the Asbestos Contractor/Supervisor Refresher course approved by the California Division of Occupational Safety and Health for purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title II. Conducted by M&C Environmental Training Inc., P.O. Box 6419, Concord, California Tel. # (510) 499 - 5646

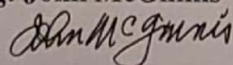
Course Approval Number: CA-003-04

Location: Concord, California

Expiration: April 22, 2023

Dates: April 22, 2022

Director of Training: John McGinnis



Certificate Number **50864 SR**



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