



ASBESTOS CONTAINING MATERIAL INVESTIGATION REPORT

SC 183 (WALHALLA HWY.) BRIDGE OVER 12 MILE CREEK
SCDOT BRIDGE #394018300400
PICKENS COUNTY, SOUTH CAROLINA

PREPARED FOR:



C/O Ms. Lila Leon, PE PhD
SC Geotechnical Lead
1201 Main Street
Columbia, SC 29201

PREPARED BY:

F&ME Consultants
1825 Blanding Street
Columbia, South Carolina 29201

November 14, 2022

☐ ACM was found.

☒ ACM was not found.

F&ME Project No.: G6657.001

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1. EXECUTIVE SUMMARY

This executive summary is intended as an overview for the convenience of the reader. This report should be reviewed in its entirety prior to making any decisions regarding this project.

F&ME Consultants, Inc. (FME) has completed an Asbestos Containing Material (ACM) Investigation of the SC 183 (Walhalla Hwy.) Bridge over 12 Mile Creek (Bridge) in Pickens County, South Carolina at the request of HDR (Client). The field investigation was performed on November 4, 2022, in anticipation of an off-alignment replacement of the existing Bridge. This investigation was also conducted pursuant to South Carolina Department of Health and Environmental Control (SCDHEC), United States Environmental Protection Agency (USEPA), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Occupational Safety and Health Administration (OSHA) regulations requiring an ACM investigation prior to any demolition activities.

Per an agreed upon scope of work, FME performed this investigation to identify any ACM that might be encountered during the demolition activities, associated with the existing Bridge, and to provide recommendations regarding proper handling and disposal of any ACM found. The investigation of the Bridge identified four (4) suspect materials: black expansion joint material, timber pile cap felt, wing wall bearing pad, and new bridge addition bearing pad. During the field investigation, FME personnel collected samples of these materials and assessed their physical conditions. **Laboratory results indicated that the suspect materials sampled during this investigation contained no asbestos.** Therefore, at this time, no special handling or disposal requirements are required regarding ACM. However, during the course of demolition activities, previously concealed ACM might be discovered. If ACM is found, the affected contractor(s) must stop work, take appropriate actions, and notify the Owner/asbestos Consultant for an appropriate response action. The SCDHEC must be notified if any suspect ACM is discovered.

The laboratory's PLM results from the November 4, 2022, ACM Investigation revealed that a samples taken of black expansion joint material (1-1 and 1-2) returned analytical results of less than one percent (<1.0%) asbestos. In addition, TEM results revealed that the black expansion joint material (1-3) returned analytical results of 0.39% Chrysotile. The SCDHEC considers any suspect material that contains <1.0% asbestos to be negative (Non-ACM). However, OSHA considers a suspect material to be positive if any asbestos is found in the sample. Therefore, for the purposes of this report, this material is to be considered non-ACM. During the demolition activities, the Contractor will be required to follow OSHA guidelines for worker protection when interacting with this material. See Appendix C- Sample Location Plans for locations of samples taken during this investigation.

We sincerely appreciate the opportunity to assist you with this project. Should you have any questions or require additional information concerning this Investigation, please do not hesitate to contact our office at (803) 254-4540.

Sincerely,

F&ME CONSULTANTS



James T. Timmons

Environmental Professional
Asbestos Consultant/Inspector
SCDHEC License No: MP-00196
Expiration Date 01/16/2023



Glynn M. Ellen

Environmental Department Manager
Asbestos Consultant/Management Planner
SCDHEC License No: ASB-22641
Expiration Date 01/16/2023

2. INTRODUCTION

FME has completed an ACM investigation of the SC 183 (Walhalla Hwy.) Bridge over 12 Mile Creek, in Pickens County, South Carolina. The investigation was performed on November 4, 2022. This investigation was conducted pursuant to SCDHEC, USEPA, NESHAP, and OSHA regulations which require an ACM investigation prior to any demolition activities. See Appendix A – Site Vicinity Map for the location of the Bridge.

It is our understanding that the proposed project will include the complete demolition and removal of the existing Bridge, and replacement with a new bridge on the off-set alignment. The purpose of this investigation was to determine if asbestos was present on the existing Bridge by identifying and sampling suspect ACM, obtaining analytical results, quantifying any confirmed ACM, and assessing the physical condition of the ACM, where possible.

This report has been prepared exclusively for the Client and shall not be disseminated in whole or part to other parties without prior consent from Client or FME. No other environmental issues were addressed as part of this report.

3. EXISTING BRIDGE STRUCTURE

The existing Bridge (~254'.0"L x 32.5"W, inside curb to inside curb), is located on SC 183 (Walhalla Hwy.) and crosses over 12 Mile Creek in Pickens County, South Carolina. The date of construction of the Bridge is unknown. However, the Bridge has undergone a widening of 8' on each side in 1965 according to the date stamped into the concrete guardrail. The structure is a two (2) lane, ten (10) span Bridge constructed with poured-in-place concrete decking, concrete curbing with an asphalt overlay. The concrete decking is supported by four (4) horizontal steel girders on the



Photo 1: SC 183 (Walhalla Hwy.) over 12 Mile Creek in Pickens County, South Carolina

original Bridge section, while the new decking both side additions are attached to the original concrete decking and are supported by new concrete bent caps with two (2) timber piles on each side with no horizontal steel girders. Each original concrete bent is supported by five (5) timber piles and poured-in-place concrete bent caps. The bent caps on the side additions are supported by two (2) timber piles each on each side of the Bridge. Metal drainage scuppers were noted along the sides of the Bridge to allow water drainage. Galvanized metal guardrails are attached to the concrete curbing on either side of the Bridge. The Bridge has undergone a structural repair that included replacement of some timber piles with structural steel H-piles on some of the interior bents. The date when the structural repairs occurred is unknown.

During the field investigation, FME personnel noted a communication conduit was attached to the concrete decking on the north side of the Bridge and ran its entire length. See Appendix A – Site Vicinity Map, for the location of the Bridge. See Appendix B – Sample Location Plan, for the location of samples taken from the Bridge.

4. FIELD ASSESSMENT

During the investigation, all accessible bridge components (i.e., bent caps, timber piles, scuppers, expansion joints, etc.) were visually inspected for suspect ACM. Examples of possible suspect materials include timber pile cap felt, bearing pads, expansion joint material, and drainage scuppers. The concrete bridge deck rested directly on the horizontal steel girders. Steel bearing plates are fastened to the top of the concrete bent caps supporting the horizontal steel girders. The concrete bent caps are supported by a combination of timber and/or H-piles. Four (4) suspect materials was observed/visible on the Bridge. The suspect materials noted on the Bridge were the black expansion joint material, timber pile cap felt, the wing wall bearing pads, and the new addition bearing pads. Samples of these materials were taken from random locations on the bridge. See Appendix B – Sample Location Plan, for detailed sample locations. Also, see Appendix G – Site Photographs, for more details.

5. ASSESSMENT RESULTS

During the investigation, black expansion joint material, timber pile cap felt, wing wall bearing pad material, and new addition bearing pad were the only suspect materials identified associated with the Bridge. A total of three (3) samples were taken of each of the suspect materials for laboratory analysis, and their physical characteristics were recorded. The remaining structural materials (i.e., wood, steel, etc.) were not considered suspect and were not sampled.

Random samples of these suspect materials were collected for laboratory analysis, and their physical characteristics were recorded. Building materials such as concrete, metal, wood, brick, carpet, etc., were not considered suspect ACM. Bulk samples of suspect materials were analyzed by Polarized Light Microscopy (PLM) in accordance with EPA 600/R-93/116. Confirmation Transmission Electron Microscopy (TEM) was also performed on any non-friable organically bound materials that tested negative for asbestos content as per SCDHEC regulations effective May 27, 2011. A “*first positive stop*” protocol was implemented for sample testing. This protocol establishes that if the first sample of a material tested positive for asbestos content, subsequent samples were not to be analyzed, and would be considered positive as well. A total of eight (8) samples were analyzed by PLM and four (4) samples were TEM-confirmed. **The results of the analysis indicated that none of the suspect materials sampled during this investigation contained asbestos.** Results of laboratory analysis are summarized in Appendix C – Summary of Sample Results.

Appropriate sampling and chain-of-custody protocols were followed to ensure proper handling and delivery of samples to the analytical laboratory. Appendix D – Bulk Asbestos Analytical Report and Appendix E – Laboratory Chain of Custody were provided to show laboratory documentation of the analytical results. Appendix F – Personnel Certification, provides the qualifications for the FME Asbestos Inspectors.

The laboratory's PLM results from the November 4, 2022, ACM Investigation revealed that a sample taken of timber pile cap felt (1-1 and 1-2) returned analytical results of less than one percent (<1.0%) asbestos. In addition, TEM results revealed that the sample taken of black expansion joint material (1-3) returned analytical results of 0.39% Chrysotile. The SCDHEC considers any suspect material that contains <1.0% asbestos to be negative (Non-ACM). However, OSHA considers a suspect material to be positive if any asbestos is found in the sample. Therefore, for the purposes of this report, this material is to be considered non-ACM. During the demolition activities, the Contractor will be required to follow OSHA guidelines for worker protection when interacting with this material. See Appendix C- Sample Location Plans for locations of samples taken during this investigation.

6. RECOMMENDATIONS

The results, conclusions, and recommendations of this Investigation are representative of the conditions observed at the site on the date of the field investigation. FME does not assume responsibility for any changes in conditions or circumstances that may have occurred after this investigation.

It is our understanding that the subject Bridge is to be demolished in anticipation of an off-alignment replacement of the existing Bridge structure. **The results of the analysis indicated that the bond break pad material, timber pile cap felt, and the black road patch/sealer sampled during this investigation contained no asbestos.** Therefore, there are no foreseen special handling or disposal requirements, regarding asbestos, that will be required for the demolition of this bridge.

The laboratory's PLM results from the November 4, 2022, ACM Investigation revealed that a sample taken of timber pile cap felt (1-1 and 1-2) returned analytical results of less than one percent (<1.0%) asbestos. In addition, TEM results revealed that the sample taken of black expansion joint material (1-3) returned analytical results of 0.39% Chrysotile. The SCDHEC considers any suspect material that contains <1.0% asbestos to be negative (Non-ACM). However, OSHA considers a suspect material to be positive if any asbestos is found in the sample. Therefore, for the purposes of this report, this material is to be considered non-ACM. During the demolition activities, the Contractor will be required to follow OSHA guidelines for worker protection when interacting with this material. See Appendix C- Sample Location Plans for locations of samples taken during this investigation.

If any concealed and/or inaccessible suspect ACM are encountered during the demolition activities, the affected contractor(s) must stop work, take appropriate actions, and notify the Owner/asbestos Consultant for an appropriate response action. The SCDHEC must be notified if any suspect ACM is discovered.

This report has been prepared exclusively for the Client and FME and shall not be disseminated in whole or in part to other parties without prior consent from the Client and FME. Use of this document for bidding purposes is not recommended without prior consultation with FME.

We sincerely appreciate the opportunity to be of service to HDR in this matter. If you have any questions regarding the information presented herein, please contact our office at (803) 254-4540.

APPENDICES

Appendix A – Site Vicinity Map

Appendix B – Sample Location Plan

Appendix C – Summary of Samples

Appendix D – Laboratory Analysis Reports

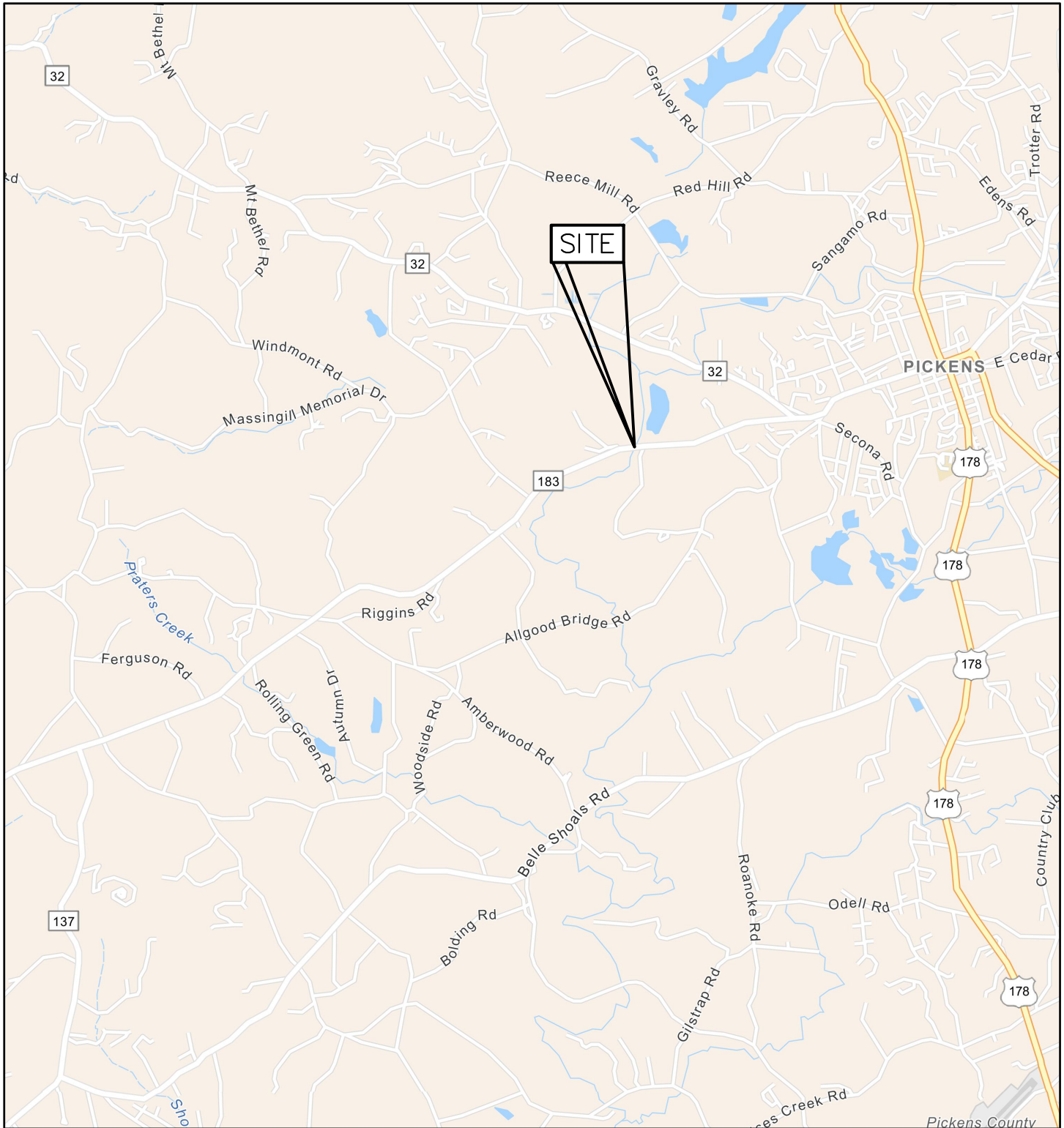
Appendix E – Chain of Custody Form

Appendix F – Personnel Certifications

Appendix G – Site Photographs

Appendix A

Site Vicinity Map



1:72,000

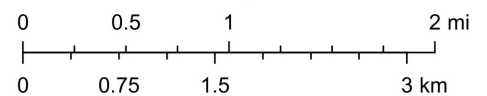


FIGURE
NUMBER:

1

F&ME CONSULTANTS
PROJECT NUMBER:

G6657.001

ASBESTOS CONTAINING MATERIALS INVESTIGATION
SC 183 Bridge over 12 Mile Creek
Pickens County, SC
Site Vicinity Map
Prepared for: HDR, Inc.
1201 Main Street, Suite 800
Columbia, SC 29201



1825 BLANDING STREET
COLUMBIA, SC 29201

ORIGINAL:
November 7, 2022

REVISIONS:

1
2
3

SCALE:
AS SHOWN

DRWN. BY: MSM
CHKD. BY: JTT
APPR. BY: GME

NOTES:

Appendix B

Sample Location Plan

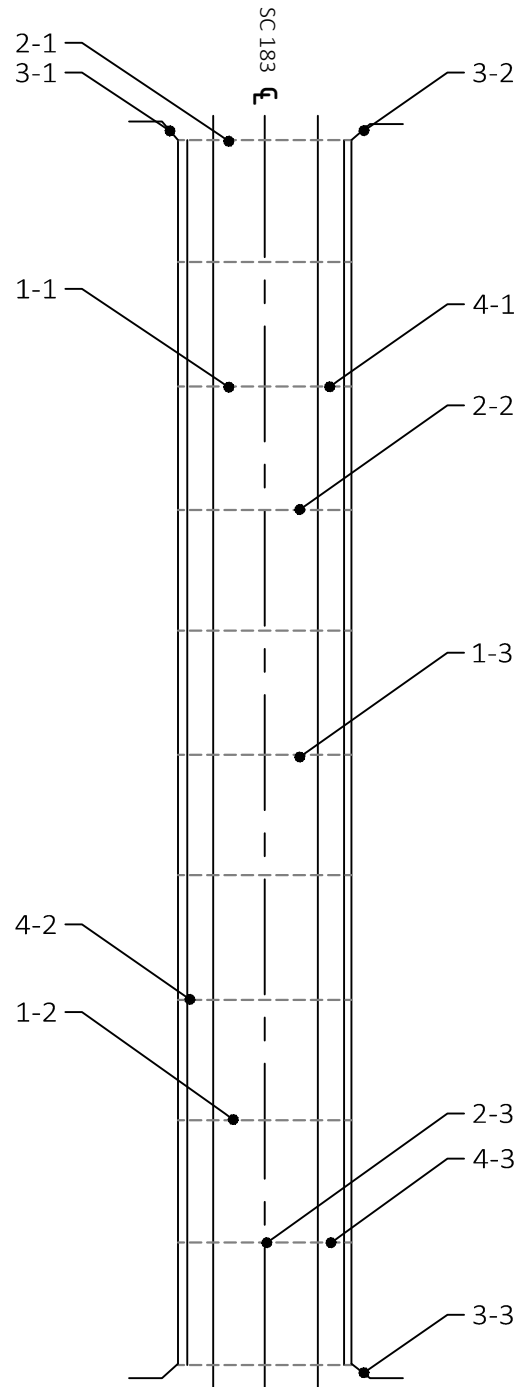


FIGURE
NUMBER:

2

F&ME CONSULTANTS
PROJECT NUMBER:

G6657.001

ASBESTOS CONTAINING MATERIALS INVESTIGATION
SC 183 Bridge over 12 Mile Creek
Pickens County, SC
Sample Location Plan
Prepared for: HDR, Inc.
1201 Main Street, Suite 800
Columbia, SC 29201



1825 BLANDING STREET
COLUMBIA, SC 29201

ORIGINAL:
November 7, 2022

REVISIONS:

1 _____
2 _____
3 _____

SCALE:
N.T.S.

DRWN. BY: MSM
CHKD. BY: JTT
APPR. BY: GME

NOTES:

Appendix C

Summary of Samples

Appendix C: Summary of Samples

Sample ID	Description
1-1	Black Expansion Joint Material
1-2	Black Expansion Joint Material
1-3	Black Expansion Joint Material
2-1	Timber Pile Cap Felt (Original Bridge)
2-2	Timber Pile Cap Felt (Original Bridge)
2-3	Timber Pile Cap Felt (Original Bridge)
3-1	Wing Wall Bearing Pad
3-2	Wing Wall Bearing Pad
3-3	Wing Wall Bearing Pad
4-1	New Bridge Addition Bearing Pad
4-2	New Bridge Addition Bearing Pad
4-3	New Bridge Addition Bearing Pad



Appendix D

Laboratory Analysis Reports



EMSL Analytical, Inc.

706 Gralin Street Kernersville, NC 27284

Tel/Fax: (336) 992-1025 / (336) 992-4175

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

EMSL Order: 022208370

Customer ID: FMEC62

Customer PO: G6657.004

Project ID:

Attention: Glynn M. Ellen
F & ME Consultants
1825 Blanding Street
Columbia, SC 29201

Phone: (803) 254-4540

Fax: (803) 254-4542

Received Date: 11/07/2022 9:00 AM

Analysis Date: 11/09/2022

Collected Date:

Project: S-183 RBO 12 Mile Creek

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
1-1 022208370-0001	Black Expansion Joint Material	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
1-2 022208370-0002	Black Expansion Joint Material	Brown/Black Non-Fibrous Heterogeneous	<1% Cellulose <1% Fibrous (Other)	100% Non-fibrous (Other)	<1% Chrysotile
2-1 022208370-0003	Timber Pile Cap Felt	Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2-2 022208370-0004	Timber Pile Cap Felt	Brown/Black Fibrous Heterogeneous	30% Cellulose 1% Synthetic <1% Hair	69% Non-fibrous (Other)	None Detected
3-1 022208370-0005	Wing Wall Bearing Pad	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
3-2 022208370-0006	Wing Wall Bearing Pad	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
4-1 022208370-0007	New Bridge Addition Bearing Pad	Black Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
4-2 022208370-0008	New Bridge Addition Bearing Pad	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected

Analyst(s)

Bobby Wheatley (4)

Scott Combs (4)

Stephen Bennett, 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. 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. Kernersville, NC NVLAP Lab Code 102104-0, Virginia 3333-000228, West Virginia LT000321

Initial report from: 11/09/2022 14:24:40



EMSL Analytical, Inc.

706 Gralin Street Kenersville, NC 27284

Tel/Fax: (336) 992-1025 / (336) 992-4175

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

EMSL Order: 022208370

Customer ID: FMEC62

Customer PO: G6657.004

Project ID:

Attention: Glynn M. Ellen
F & ME Consultants
1825 Blanding Street
Columbia, SC 29201

Phone: (803) 254-4540

Fax: (803) 254-4542

Received Date: 11/07/2022 9:00 AM

Analysis Date: 11/10/2022

Collected Date:

Project: S-183 RBO 12 Mile Creek

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
1-3 022208370-0009	Black Expansion Joint Material	Brown/Black Non-Fibrous Heterogeneous	99.61 Other	None	0.39% Chrysotile
2-3 022208370-0010	Timber Pile Cap Felt	Brown/Black Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
3-3 022208370-0011	Wing Wall Bearing Pad	Gray/Black Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
4-3 022208370-0012	New Bridge Addition Bearing Pad	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

Stephen Bennett (4)

Stephen Bennett, 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. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Kenersville, NC

Initial report from: 11/11/2022 08:23:42

Appendix E

Chain of Custody Form



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only)

8370

10801-1-01
REVENUE NO. 0124
PHONE 803-254-4540
FAX 803-254-4542

Company Name : F&ME Consultants

EMSL Customer ID: FMEC62

Street: 3112 Devine Street

City: Columbia

State/Province: SC

Zip/Postal Code: 29205

Country: USA

Telephone #: 803-254-4540

Fax #: 803-254-4542

Report To (Name): Glynn Ellen

Please Provide Results: ☐ Fax ☒ Email

Email Address: gellen@fmeconsultants.com,

jtimmons@fmeconsultants.com,

Purchase Order: G6657.001

Project Name/Number: S-183 RBO 12 Mile Creek

EMSL Project ID (Internal Use Only):

U.S. State Samples Taken: SC

CT Samples: ☒ Commercial/Taxable ☐ Residential/Tax Exempt

EMSL-Bill to: ☒ Same ☐ 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 ☐ Check if samples are from NY

☐ NIOSH 7400

☐ w/ OSHA 8hr TWA

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)

☐ NYS 198.8 SOF-V

☐ NIOSH 9002 (<1%)

TEM - Air ☐ 4-4.5hr TAT (AHERA only)

☐ AHERA 40 CFR, Part 763

☐ NIOSH 7402

☐ EPA Level II

☐ ISO 10312

TEM - Bulk

☒ TEM EPA NOB

☐ NYS NOB 198.4 (non-friable-NY)

☐ Chatfield SOP

☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM - Water: EPA 100.2

Fibers >10µm ☐ Waste ☐ Drinking

All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust

☐ Microvac - ASTM D 5755

☐ Wipe - ASTM D6480

☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite

☐ PLM EPA 600/R-93/116 with milling prep (<1%)

☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)

☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)

☐ TEM Qualitative via Filtration Prep

☐ TEM Qualitative via Drop Mount Prep

☐ Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only)

Other:

☐

☒ Check For Positive Stop - Clearly Identify Homogenous Group

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

Samplers Name: James T. Timmons

Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
*1-1 thru 1-3	Black Expansion Joint Material		
*2-1 thru 2-3	Timber Pile Cap Felt		
*3-1 thru 3-3	Wing Wall Bearing Pad		
*4-1 thru 4-3	New Bridge Addition Bearing Pad		

Client Sample # (s): 1-1

- 4-3

Total # of Samples: 12

Relinquished (Client):

Date: 11/4/2022

Time: 1600

Received (Lab):

Date: 11/7/22

Time: 9:00

Comments/Special Instructions: TEM 3rd NOB.

② EMSL RX

Appendix F

Personnel Certifications

SCDHEC ISSUED

Asbestos ID Card

James T Timmons



**AIRSAMPLER
CONSULTMP
SUPERAHERA**

**AS-00423
MP-00196
SA-02244**

Expiration Date:

01/17/23

01/16/23

01/17/23

This card is nontransferable and considered invalid if loaned or given to another person for identification. This card will also be invalid if altered or defaced. This card is property of SCDHEC. It must be returned to the department if the holder's accreditation is revoked or if this card is invalidated. Any person performing regulated asbestos activities without current accreditation shall be subject to legal sanction. This card must be returned upon expiration and/or issuance of a new card.

YOU MUST HAVE THIS IDENTIFICATION CARD WITH YOU ON THE JOB.

For information of corrections contact: SCDHEC - Asbestos Section
2600 Bull Street
Columbia, SC 29201
(803) 898-4289

SCDHEC ISSUED

Asbestos ID Card

Glynn M Ellen



**AIRSAMPLER
CONSULTMP
CONSULTPD
SUPERAHERA**

**AS-00079
ASB-22641
PD-00098
SA-00455**

Expiration Date:

**01/16/23
01/16/23
07/13/22
01/17/23**

This card is nontransferable and considered invalid if loaned or given to another person for identification. This card will also be invalid if altered or defaced. This card is property of SCDHEC. It must be returned to the department if the holder's accreditation is revoked or if this card is invalidated. Any person performing regulated asbestos activities without current accreditation shall be subject to legal sanction. This card must be returned upon expiration and/or issuance of a new card.

YOU MUST HAVE THIS IDENTIFICATION CARD WITH YOU ON THE JOB.

For information of corrections contact: SCDHEC - Asbestos Section
2600 Bull Street
Columbia, SC 29201
(803) 898-4289

Appendix G

Site Photographs



Photo 1. Top View of Bridge Deck.



Photo 2. Underside View of Bridge.



Photo 3. North Side View of Bridge.



Photo 4. South Side View of Bridge.



Photo 5. New Bridge Addition Underside View.



Photo 6. SCDOT Bridge Number Placard Attached to the Concrete Guardrail.

