IOWA DEPARTMENT OF TRANSPORTATION

To FILE Date March 19, 2020

From Brad Azeltine

Bureau Location and Environment

Subject Asbestos Inspection

The asbestos inspection requested by Bridges and Structures has been completed. The results are as follows:

DATE OF INSPECTION – March 11, 2020
CERTIFIED AHERA INSPECTOR(S) – Brad Azeltine
COUNTY – Woodbury
PROJECT NO. – BRFN-175-2(9)—39-97
BRIDGE MAINTENANCE # – 9734.0S175
FHWA # – 053360
ITEM – IA 175 Bridge over Reynolds Creek 1.6 Mi. W. of Co Rd L-37

SAMPLE #1 – Joint filler between the top of the outside corners of the abutments and the bridge deck, 12 sq. ft.
TEST RESULTS – No asbestos present

SAMPLE #2 – Joint filler between the top of the abutments and pier caps and the bridge deck, 150 sq. ft.
TEST RESULTS – No asbestos present

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Report for:

Brad Azeltine
Iowa DOT
800 Lincoln Way
Ames, IA 50010

Regarding: Project: BRFN-175-2(9)--39-97; Woodbury Bridge 9734.0S175
EML ID: 2375138

Approved by:



Approved Signatory
Kari Wasmer

Dates of Analysis:
Asbestos PLM: 03-18-2020

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 600194-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K
1815 West Diehl Road, Suite 800, Naperville, IL 60563
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: Iowa DOT
C/O: Brad Azeltine
Re: BRFN-175-2(9)--39-97; Woodbury Bridge 9734.
0S175

Date of Sampling: 03-11-2020
Date of Receipt: 03-13-2020
Date of Report: 03-18-2020

ASBESTOS PLM REPORT

Total Samples Submitted:	2
Total Samples Analyzed:	2
Total Samples with Layer Asbestos Content > 1%:	0

Location: 1, Joint filler Lab ID-Version‡: 11323033-1

Sample Layers	Asbestos Content
Black Expansion Joint	ND
Composite Non-Asbestos Content:	8% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 2, Joint filler Lab ID-Version‡: 11323034-1

Sample Layers	Asbestos Content
Black Expansion Joint	ND
Composite Non-Asbestos Content:	8% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

CHAIN OF CUSTODY

www.EMLabPK.com

EMLab P&K
A TestAmerica Company

New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (856) 871-1984
Phoenix, AZ: 1501 West Knudsen drive, Phoenix, AZ 85027 * (800) 651-4802
San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

Weather		Fog	Rain	Snow	Wind	Clear
Level	None	☐	☐	☐	☐	☐
	Light	☐	☐	☐	☐	
	Moderate	☐	☐	☐	☐	
	Heavy	☐	☐	☐	☐	

CONTACT INFORMATION

Company:	Iowa DOT	Address:	800 Lincoln Way, Ames, IA 50010
Contact:	Brad Azeltine	Special Instructions:	email brad.azeltine@iowadot.us
Phone:	515-239-1938		

PROJECT INFORMATION

Project ID:	BRFN-175-2(9)--39-97		
Project Description:	Woodbury Bridge 9734,05175		
Project Zip Code:		Sampling Date & Time:	3-11-2020
PO Number:	PC 6415	Sampled By:	Brad Azeltine

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush
WH – Weekend / Holiday

Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
1	Joint Filler	B	STD		
2	" "	B	STD		

REQUESTED SERVICES
(Use checkboxes below)

Non-Culturable				Culturable												Other Requests			
Spore Trap		Tape Swab Bulk		BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates															
Fungi – Spore Trap Analysis	Spore Trap Analysis – Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID	3-Media Surface Fungi (Genus ID	Culturable Air Fungi (Genus ID +	Gram Stain & Counts (Culturable	Legionella culture	Total Coliform, E. coli (Presence	Membrane Filtration (specify or	MPN Bacteria (specify organism)	QuantiTray – Sewage Screen	Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis – PLM (EPA method 600/R-93-116)	PCR (specify test):	
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SAMPLE TYPE CODES

BC – BioCassette™	ST – Spore Trap: Zefon, Allergenco, Burkard ...	T – Tape	D – Dust
AIS – Andersen		SW – Swab	SO – Soil
SAS – Surface Air Sampler	P – Potable Water	B – Bulk	
CP – Contact Plate	NP – Non-Potable Water	O – Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
	3-12-2020 0900		3/13/20 1000

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