

IOWA DEPARTMENT OF TRANSPORTATION

To FILE Date March 24, 2021

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 17, 2021
CERTIFIED AHERA INSPECTOR(S) – Brad Azeltine
COUNTY – Greene
PROJECT NO. – BRF-030-3(53)—38-37
BRIDGE MAINTENANCE # – 3712.8S030
FHWA # – 025630
ITEM – US 30 Bridge over Buttrick Creek 2.3 Mi. W. of IA 144

SAMPLE #1 – Tar sealant in the joints between the pavement approaches and the bridge deck and along the approach railings and curbs, 8 sq. ft.

TEST RESULTS – No asbestos present

SAMPLE #2 – Remnants of joint filler between the outside corner of the abutment and the bridge deck at the northeast corner of the bridge, 2 sq. ft.

TEST RESULTS – No asbestos present

SAMPLE #3 – Fabric pads under the bearings, 24 sq. ft.

TEST RESULTS – No asbestos present

ANALYTICAL REPORT

IOWA ENVIRONMENTAL SERVICES, INC

iesiowa.com



IDOT
800 Lincoln Way
Ames, IA 50010

11101 Aurora Avenue, Urbandale, Iowa 50322
Phone: 515-279-8042 Fax: 515-279-1853

Lab Id #: 100574
Project #: 3712.8S030

Sample Description: Client # 1

Tar

Date Taken: 3/17/2021

Date Received: 3/22/2021

Asbestos Identification

Sample Color: Black

Fibrous Asbestiforms

Estimated % by volume

Actinolite/Tremolite:	ND
Amosite:	ND
Anthophyllite:	ND
Chrysotile:	ND
Crocidolite:	ND
Total Asbestiforms:	ND

Other Components

Cellulose:	3
Fibrous Glass:	ND
Synthetics	ND
Perlite:	ND
Horse Hair:	ND
Quartz:	ND
Other Fibrous Component	ND
Nonfibrous	97

Analyst Notes:

All analysis are performed by polarized light microscopy using the EPA 600/R-93-116 Method. Disclaimer: PLM has been known to miss asbestos in a small percentage of samples reported which contain asbestos. Thus negative results cannot be guaranteed. Iowa Environmental Services, Inc. suggest that samples reported as <1% or nondetected to be tested with either SEM or TEM. The above analytical report relates only to the sample submitted for analysis. This report may not be reproduced, except in full without written approval of Iowa Environmental Services, Inc. This laboratory is not responsible for the accuracy of results when requested to physically separate and analyse layered samples. Member of the American Industrial Hygiene Association(AIHA) Bulk Quality Assurance Program, Laboratory ID: 101039

Analyzed By: Robert L. Sigmund, Jr.

Date Analyzed: 3/22/2021

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Lab Id #: 100575

Project #: 3712.8S030

Sample Description: Client # 2

Joint Filler

Date Taken: 3/17/2021

Date Received: 3/22/2021

Asbestos Identification

Sample Color: Black

Fibrous Asbestiforms

Estimated % by volume

Actinolite/Tremolite:	ND
Amosite:	ND
Anthophyllite:	ND
Chrysotile:	ND
Crocidolite:	ND
Total Asbestiforms:	ND

Other Components

Cellulose:	30
Fibrous Glass:	ND
Synthetics	ND
Perlite:	ND
Horse Hair:	ND
Quartz:	ND
Other Fibrous Component	ND
Nonfibrous	70

Analyst Notes:

All analysis are performed by polarized light microscopy using the EPA 600/R-93-116 Method. Disclaimer: PLM has been known to miss asbestos in a small percentage of samples reported which contain asbestos. Thus negative results cannot be guaranteed. Iowa Environmental Services, Inc. suggest that samples reported as <1% or nondetected to be tested with either SEM or TEM. The above analytical report relates only to the sample submitted for analysis. This report may not be reproduced, except in full without written approval of Iowa Environmental Services, Inc. This laboratory is not responsible for the accuracy of results when requested to physically separate and analyse layered samples. Member of the American Industrial Hygiene Association(AIHA) Bulk Quality Assurance Program, Laboratory ID: 101039

Analyzed By: Robert L. Sigmund, Jr.

Date Analyzed: 3/22/2021

ANALYTICAL REPORT

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Ames, IA 50010

11101 Aurora Avenue, Urbandale, Iowa 50322
Phone: 515-279-8042 Fax: 515-279-1853

Lab Id #: 100576
Project #: 3712.8S030

Sample Description: Client # 3

Fabric Pad

Date Taken: 3/17/2021

Date Received: 3/22/2021

Asbestos Identification

Sample Color: Green/Brown

Fibrous Asbestiforms

Estimated % by volume

Actinolite/Tremolite:	ND
Amosite:	ND
Anthophyllite:	ND
Chrysotile:	ND
Crocidolite:	ND
Total Asbestiforms:	ND

Other Components

Cellulose:	90
Fibrous Glass:	ND
Synthetics	ND
Perlite:	ND
Horse Hair:	ND
Quartz:	ND
Other Fibrous Component	ND
Nonfibrous	10

Analyst Notes:

All analysis are performed by polarized light microscopy using the EPA 600/R-93-116 Method. Disclaimer: PLM has been known to miss asbestos in a small percentage of samples reported which contain asbestos. Thus negative results cannot be guaranteed. Iowa Environmental Services, Inc. suggest that samples reported as <1% or nondetected to be tested with either SEM or TEM. The above analytical report relates only to the sample submitted for analysis. This report may not be reproduced, except in full without written approval of Iowa Environmental Services, Inc. This laboratory is not responsible for the accuracy of results when requested to physically separate and analyse layered samples. Member of the American Industrial Hygiene Association(AIHA) Bulk Quality Assurance Program, Laboratory ID: 101039

Analyzed By: Robert L. Sigmund, Jr.

Date Analyzed: 3/22/2021

CHAIN OF CUSTODY RECORD

Project: 3712.85030

Date Samples: 3-17-2021

Date Submitted:

P.O. #: 8023

Email: brad.azeltine@iowadot.us

[illegible]

Date/Time: 3-22-2021 1105

Date/Time: 3-22-2021

Date/Time: _____

Date/Time: _____