

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office FILE

Date April 19, 2017

From Brad Azeltine

Office Location and Environment

Subject Asbestos Inspection

The asbestos inspection requested by Facilities has been completed. The results are as follows:

**DATE OF INSPECTION – April 13, 2017**

**CERTIFIED AHERA INSPECTOR(S) – Brad Azeltine**

**COUNTY – Woodbury**

**PARCEL – District 3 Office**

**BLDG NO. – 973S91**

**ITEM – Basement Conference Room**

**SAMPLE #1 – Yellow-tan carpet mastic, quantity not determined**

**TEST RESULTS – No asbestos present**



# EMLab P&K

A TestAmerica Company

Report for:

**Brad Azeltine**  
**Iowa DOT**  
800 Lincoln Way  
Ames, IA 50010

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Regarding:      Project: District 3 Office; Conference Room  
                         EML ID: 1712827

Approved by:

Approved Signatory  
Balu Krishnan

Dates of Analysis:  
Asbestos PLM: 04-19-2017

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

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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 items tested. 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.

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**EMLab P&K**3000 Lincoln Drive East, Suite A, Marlton, NJ 08053  
(866) 871-1984 Fax (856) 334-1040 www.emlab.comClient: Iowa DOT  
C/O: Brad Azeltine  
Re: District 3 Office; Conference RoomDate of Sampling: 04-17-2017  
Date of Receipt: 04-18-2017  
Date of Report: 04-19-2017**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116****Total Samples Submitted:** 1**Total Samples Analyzed:** 1**Total Samples with Layer Asbestos Content > 1%:** 0**Location: 1, Carpet Master**

Lab ID-Version‡: 7987235-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b>	Good

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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  
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Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moderate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heavy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REQUESTER (Use check)		001712827	
Non-Culturable		Cult	
Spare Trap	Tapo Swab Bulk	BioCassette™, At Water, Bulk, Dust, ...	
Fungal - Spore Trap Analysis	Spore Trap Analysis - Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count (Direct Exam)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1-Reticular Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chrom. Stain & Counts (Culturable Air & Surface Bacteria)	Lipidic culture	Total Gallium, E. coli (Presence/Absence)	Methylene Blue Stain (Specify organism)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MPN Bacteria (Specify organism)	Quantal Tray - Storage Screen	Asbestos Analysis - PCR Airborne Fiber Count (MDSH 7400)	Asbestos Analysis - PLM (EPA method 8080-33-116)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCR (Specify test)			

CONTACT INFORMATION					
Company:	Iowa DOT		Address: 300 Lincoln Way, Ames, IA 50010		
Contact:	Brad Azeltine		Special Instructions: email		
Phone:	515-239-1938		brad.azeltine@iowadot.us		
PROJECT INFORMATION			TURN AROUND TIME CODES (TAT)		
Project ID:	District 3 Office		STD - Standard (DEFAULT)	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.	
Project Description:	Conference Room		ND - Next Business Day		
Project Zip Code:	Sampling Date & Time:	4-13-17	SD - Same Business Day Rush		
PD Number:	Sampled By:	Brad Azeltine	WH - Weekend / Holiday		
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
1	Carpet Mstr	B	ND		

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
BC - BioCassette™	ST - Spore Trap: Zefon, Allerganca, Burkard ...	T - Tapa	D - Dust	<i>[Signature]</i>	4-17-17 0900	<i>[Signature]</i>	4/18/17
AIS - Anderson	F - Potable Water	SW - Swab	SO - Soil				
SAS - Surface Air Sampler	B - Bulk	O - Other					
CP - Contact Plate	NP - Non-Potable Water						

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**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Location and Environment

Date August 31, 2015

Attention Brad Azeltine

From Steven McCauley

Office Construction and Materials

Subject Asbestos Inspection

The asbestos inspection requested by District 3 has been completed. The results are as follows:

**DATE OF INSPECTION – August 25, 2015**  
**CERTIFIED AHERA INSPECTOR(S) – Brad Azeltine**  
**COUNTY – Woodbury**  
**PARCEL – District 3 Office**  
**BLDG NO. – 973S91**  
**ITEM – Main Level Administration and File Area**

**SAMPLE #1 – Carpet mastic in the administrative/file storage area, 626 sq. ft.**  
**TEST RESULTS – No asbestos present**



Report for:

**Brad Azeltine**  
**Iowa DOT**  
800 Lincoln Way  
Ames, IA 50010

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Regarding: Project: Sioux City District Office; Flooring  
EML ID: 1414504

Approved by:

Dates of Analysis:  
Asbestos PLM: 08-30-2015

Approved Signatory  
Alana Valenzuela

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

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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 items tested. 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.

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**EMLab P&K**3000 Lincoln Drive East, Suite A, Marlton, NJ 08053  
(866) 871-1984 Fax (856) 489-4085 www.emlab.comClient: Iowa DOT  
C/O: Brad Azeltine  
Re: Sioux City District Office; FlooringDate of Sampling: 08-25-2015  
Date of Receipt: 08-26-2015  
Date of Report: 08-31-2015**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116****Total Samples Submitted:** 1**Total Samples Analyzed:** 1**Total Samples with Layer Asbestos Content > 1%:** 0**Location: #1, Carpet Mastic**

Lab ID-Version‡: 6513795-1

Sample Layers	Asbestos Content
Yellow Mastic /Multicolored Fibrous Material	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose < 1% Synthetic Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

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‡ 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".





**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Environmental Services

Date August 25, 2010

Attention Brad Azeltine

Ref No. 435.1731

From Steven McCauley

Office Materials

Subject Asbestos Inspection

The asbestos inspection requested by District 3 has been completed. The results are as follows:

**DATE OF INSPECTION – August 10, 2010**

**COUNTY – Woodbury**

**BLDG NO. – 973S91**

**PARCEL – District 3 Office**

**OWNER – DOT**

**ITEM – Main Building**

**SAMPLE #1 – Roofing and adhesive on the entire office roof, 8265 sq. ft.**

**TEST RESULTS – No asbestos present**

**SAMPLE #2 – Caulking on the seams of the roofing, 85 sq. ft.**

**TEST RESULTS – No asbestos present**

**AMES ENVIRONMENTAL, INC.**  
**P.O. BOX 661, 410 MAIN STREET, SLATER, IA 50244, 800-383-3400**  
**BULK SAMPLE ANALYSIS RESULTS**

Client: Iowa Department of Transportation  
 Brad Azeltine  
 800 Lincoln Way  
 Ames, IA 50010

Date of Report: 7/11/02  
 Client No: 466  
 Project Desc.: Submitted by client, District 3 Office

SAMPLE NUMBER	SAMPLE DESCRIPTION	MATERIALS PRESENT		TOTAL ASBESTOS PERCENTAGE	ANALYSIS DATE	Job #: 02-741 ANALYST
		%	TYPE			
466B56780	Sample #1  <i>2nd floor Dry wall, type - joint compound North wall</i>	15% 85%	Cellulose Nonfibrous Binders	0%	7/11/02	David D. Lester

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 Analysis by Polarized Light Microscopy using EPA Interim Method for Bulk Sample Analysis. Test results pertain only to the material content of the sample(s) analyzed. PLM has been known to miss Asbestos in a small percentage of samples which contain asbestos. Therefore, negative PLM results cannot be guaranteed. If a floor tile is found to contain no asbestos, the EPA recommends additional testing to prove the lack of asbestos in this material. Percentages of fibrous materials reported are representative of the sample analyzed and not necessarily the percentages in the material as a whole. Member of the American Industrial Hygiene Association (AIHA) Bulk Quality Assurance Program, Laboratory ID: 9821

IOWA DEPARTMENT OF TRANSPORTATION

TO OFFICE: Environmental Services

DATE: December 4, 2000

ATTENTION: Brad Azeltine

REF. NO.: 435.1731

FROM: Steve McCauley

OFFICE: Materials

SUBJECT: Asbestos Inspection

The asbestos inspection requested by Brad Azeltine has been completed. The results are as follows:

PARCEL - District 3 Office Building in Sioux City

OWNER - Iowa DOT

ITEM - office building

SAMPLE #1 - Gray 9" x 9" floor tile in the store room and hall

TEST RESULTS - 5% Chrysotile Asbestos

SAMPLE #2 - Plaster and skim coat from the ceiling in the bathroom

TEST RESULTS - No Asbestos Present

SAMPLE # 3 - 12" x 12" ceiling tile in various locations

TEST RESULTS - No Asbestos Present

SAMPLE #4 - Skim coat from the walls in the bathroom

TEST RESULTS - No Asbestos Present

SAMPLE #5 - Plaster behind the skim coat on the wall in the bathroom

TEST RESULTS - No Asbestos Present

SAMPLE #6 - Plaster from the ceiling in the basement furnace room

TEST RESULTS - No Asbestos Present

SAMPLE #7 - Joint compound on the elbows of the water pipes in the furnace room in the basement

TEST RESULTS - 5% Chrysotile Asbestos

If you require additional information regarding this inspection, please contact Steve McCauley at 515-239-1387.

SM:smc

cc: J. Adam

J. Sommers

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Location and Environment

Date November 24, 2015

Attention Brad Azeltine

From Steven McCauley

Office Materials

Subject Asbestos Inspection

The asbestos inspection requested by District 3 has been completed. The results are as follows:

**DATE OF INSPECTION – November 19, 2015**  
**CERTIFIED AHERA INSPECTOR(S) – Brad Azeltine**  
**COUNTY – Woodbury**  
**PARCEL – Sioux City District 3 Office**  
**BLDG NO. – 973S91**  
**ITEM – Basement Restroom**

**SAMPLE #1 – Off-white linoleum in the basement restroom, 20 sq. ft.**  
**TEST RESULTS – No asbestos present**



Report for:

**Brad Azeltine**  
Iowa DOT  
800 Lincoln Way  
Ames, IA 50010

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Regarding: Project: District 3 Office; Basement Restroom  
EML ID: 1458151

Approved by:

Dates of Analysis:  
Asbestos PLM: 11-21-2015

Approved Signatory  
Alana Valenzuela

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

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Client: Iowa DOT  
 C/O: Brad Azeltine  
 Re: District 3 Office; Basement Restroom

Date of Sampling: 11-19-2015  
 Date of Receipt: 11-20-2015  
 Date of Report: 11-23-2015

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Total Samples Submitted:** 1

**Total Samples Analyzed:** 1

**Total Samples with Layer Asbestos Content > 1%:** 0

**Location: 1, Linoleum**

Lab ID-Version‡: 6731282-1

Sample Layers	Asbestos Content
Off-White Linoleum	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

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 Phoenix, AZ: 1501 West Knudson Drive, Phoenix, AZ 85027 \* (800) 851-4882  
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94065 \* (866) 884-6953

**CONTACT INFORMATION**

Company: Tow's Dot Address: 800 Lincoln Way, Ames, IA 50010  
 Contact: Brad Azeffine Special instructions: email  
 Phone: 515-237-1938 brad.azeffine@towsdot.com

**PROJECT INFORMATION**

Project ID: District 3 office  
 Project Description: Basement Restroom  
 Project Zip Code: PC 6715 Sampling Date & Time: 11-2-15  
 PO Number: PC 6715 Sample By: Brad Azeffine

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
11	Linoleum	B	STD		Rushes received after 2 pm on weekends. Will be considered received two next business days. Please alert us in advance of weekend analysis needs.

**TURN AROUND TIME CODES (TAT)**

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

Non-Culturable	Spore Trap	REI
Tapo Swab Bulk	BioCass Water	

Sample ID	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 + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain & Counts (Culturable Air & Surface Bacteria)	Legionella culture	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (specify organism)	MFN Bacteria (specify organism)	Quant Tray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (17.0SH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (specify test)

BC - BioCassella™	ST - Spore Trap Zetan	T - Tapo	D - Dust	DATE & TIME
AS - Anderson	AI - Airborne Bacteria	SW - Swab	SO - Soil	11/2/15
SAS - Surface Air Sampler	P - Potable Water	B - Bulk		1530
CP - Contact Plate	NP - Non-Potable Water	O - Other		11/20/15

RECEIVED BY: TAP

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DEPARTMENT OF TRANSPORTATION ASBESTOS SURVEY BUILDING SUMMARY

BUILDING NO.: 973S91  
 SURVEY DATE: 04/30/92

BUILDING: District 3 office  
 LOCATION: Sioux City on Ia 12 at south

DATE 07/10/92  
 PAGE 1

AREA SURVEYED	DESCRIPTION	LOCATION	MATERIAL TYPE	SAMPLE NUMBER	PERCENT ASBESTOS
Basement Furnace Rm.	Waterline 1"	ceiling	Grey/white pipe ins.	2Z043019	0
Basement West Wall	Waterline 2"	ceiling	Grey/white pipe ins.	2Z043018	0
Center Pipe Chase	Black Felt Paper	vertical	Roofing material	2Z043017	0
Crawl Space	Pipe fittings			A50	50
Throughout	Gray	floor, on or near	9" X 9" Floor Tile	2Z043020	15
Throughout	White	ceiling	12" x 12" ceiling tiles	2Z043021	0