

April 18, 2016

DMD Project No. 16-M071.01

Mr. Eric Hoogendoorn
Monroe County Intermediate School District
1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 x 1345

RE: AHERA THREE YEAR REINSPECTION

Dear Mr. Hoogendoorn:

Attached you will find Monroe County Intermediate School District's Asbestos Hazard Emergency Response Act (AHERA) Three Year Reinspection report. The reinspection was accomplished by Edward Rinckey of DMD Environmental, Inc. (DMD) on March 28, 2016. Mr. Rinckey is a Michigan Department of Licensing and Regulatory Affairs (MDLARA) Asbestos Inspector and Gene Ryan is an MDLARA Asbestos Management Planner. Attached you will find copies of their certifications.

The reinspection was accomplished in accordance with AHERA, 40 CFR Part 763.85(b). Assessments made were based upon the procedure outlined in the Environmental Protection Agency (EPA) document "Guidance for Controlling Asbestos Containing Materials in Buildings". Each friable and non-friable known or assumed asbestos containing building material (ACBM) in each building was reviewed. Damaged areas were noted.

This report should be inserted into the management plans in the record keeping section. Three copies of the report are attached to facilitate updating the Management Plans which are located in the individual school buildings.

We hope this report fulfills your needs. If you have any questions or require further assistance, please call our office.

Respectfully Submitted,

DMD Environmental, Inc

Edward Rinckey
General Manager

Attachments
ER/lh
Monroe ISD 3yr 2016

AHERA THREE YEAR REINSPECTION

Monroe County Intermediate School District Page 1 of 2

Special Ed & Education Centers

DMD Environmental, Inc.

3424 West Laskey Road

Toledo, Ohio 43623-4032

1091 South Raisinville Road, Monroe, Michigan 48161

Conducted March 28, 2016 by Edward Rinckey

Functional Area	HA#	Name	Friability	Condition/Notes
Conference Room II (Room 69)	V0A	Sink Undercoating	NF-II	Good condition
Boiler Room	D1A	Boiler Gaskets	NF-I	Good condition
Therapy (Room 67)	V0B	Sink Undercoating	NF-II	Good condition
Room 60	V0B	Sink Undercoating	NF-II	Good condition
Room 61	V0B	Sink Undercoating	NF-II	Good condition
Room 62	V0B	Sink Undercoating	NF-II	Removed
Room 63	V0B	Sink Undercoating	NF-II	Good condition
Room 64	V0B	Sink Undercoating	NF-II	Removed
Room 65	V0B	Sink Undercoating	NF-II	Good condition
Room 66	V0B	Sink Undercoating	NF-II	Replaced
Hallway outside Rooms 50-55	K2A	Floor Tile & Mastic	NF-I	Good condition
Room 50	K2E	Floor Tile & Mastic	NF-I	Good condition
Room 51	K2E	Floor Tile & Mastic	NF-I	Good condition
Room 52	K2E	Floor Tile & Mastic	NF-I	Removed
Room 53	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 54	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 55	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 40	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 41	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 42	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 43 (Storage)	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 45	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 46	K2C	Floor Tile & Mastic	NF-I	Good condition
Room west of Room 46	K2C	Floor Tile & Mastic	NF-I	Good condition
Hallway outside Rooms 47-49	K2D	Floor Tile & Mastic	NF-I	Good condition
Hallway outside Rooms 47-49	K2A	Floor Tile & Mastic	NF-I	Good condition
Room 49	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 47	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 32	K2A	Floor Tile & Mastic	NF-I	Good condition
Room 5	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 5	V0D	Sink Undercoating	NF-II	Good condition
Room 5 Laundry	K2C	Floor Tile & Mastic	NF-I	Damaged - repair or replace/one small chip at washer
Room 6	K2E	Floor Tile & Mastic	NF-I	Good condition
Room 6	V0C	Sink Undercoating	NF-II	Good condition
Room 6 Storage	K2E	Floor Tile & Mastic	NF-I	Good condition
Room 7	K2A	Floor Tile & Mastic	NF-I	Good condition
Room 10	K2C	Floor Tile & Mastic	NF-I	Good condition

AHERA THREE YEAR REINSPECTION

Monroe County Intermediate School District Page 2 of 2

Special Ed & Education Centers

DMD Environmental, Inc.

3424 West Laskey Road

Toledo, Ohio 43623-4032

1091 South Raisinville Road, Monroe, Michigan 48161

Conducted March 28, 2016 by Edward Rinckey

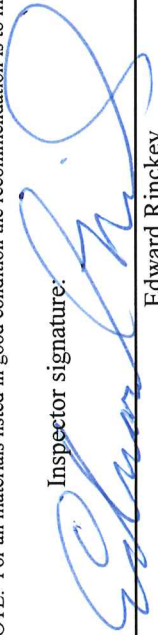
Functional Area	HA#	Name	Friability	Condition/Notes
Room 10	V0C	Sink Undercoating	NF-II	Good condition
Room 10 Storage	K2A	Floor Tile & Mastic	NF-I	Good condition
Room 9 (Custodial Closet)	K2A	Floor Tile & Mastic	NF-I	Good condition
Sensory Room	K2E	Floor Tile & Mastic	NF-I	Good condition
Room 20 (off Sensory Room)	K2A	Floor Tile & Mastic	NF-I	Good condition
Room 21	K2D	Floor Tile & Mastic	NF-I	Good condition
Hallway outside Rooms 21-27	K2A	Floor Tile & Mastic	NF-I	Good condition
Room 22	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 23	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 23 Storage	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 24 (Office)	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 25 (Office)	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 26	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 26 Storage	K2C	Floor Tile & Mastic	NF-I	Good condition
Room 27	K2D	Floor Tile & Mastic	NF-I	Good condition
Room 27 Storage	K2D	Floor Tile & Mastic	NF-I	Good condition
Original Mechanical/Storage/Electrical Room	K2A	Floor Tile & Mastic	NF-I	Good condition
Kitchen Room C-5	K2A	Floor Tile & Mastic	NF-I	Good condition
Boys' Locker Room	K2A	Floor Tile & Mastic	NF-I	Damaged - replace loose tile at exit area (4x5)
Girls' Locker Room	K2A	Floor Tile & Mastic	NF-I	Good condition
Nurse's Office	V0A	Sink Undercoating	NF-II	Good condition
Nurse's Office-Copier/Supply	V0A	Sink Undercoating	NF-II	Good condition

Friability

V0A = Sink Undercoating - Pink
DIA = Boiler Gaskets/Burner Gaskets
V0B = Sink Undercoating - Black
K2A = 12" x 12" Vinyl Floor Tile & Mastic - Beige w/Brown Flecks
K2E = 12" x 12" Vinyl Floor Tile & Mastic - Gray w/Brown & White Flecks
K2C = 12" x 12" Vinyl Floor Tile & Mastic - White & Olive Green Flecks
K2D = 12" x 12" Vinyl Floor Tile & Mastic - White w/Black & Salmon Flecks
V0D = Sink Undercoating - Lavender
V0C = Sink Undercoating - Large Black

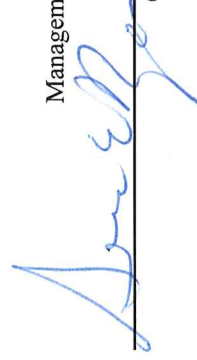
NOTE: For all materials listed in good condition the recommendation is to maintain.

Inspector signature:



Edward Rinckey

Management Planner signature:



Gene E. Ryan

AHERA THREE YEAR REINSPECTION

Monroe County Intermediate School District Page 1 of 1

Administration Building

1101 South Raisinville Road, Monroe, Michigan 48161

DMD Environmental, Inc.

3424 West Laskey Road

Toledo, Ohio 43623-4032

Conducted March 28, 2016 by Edward Rinckey

Functional Area	HA#	Name	Friability	Condition/Notes
Distance Learning Room and Office	K3A	Flooring/Mastic	NF-I	Good condition
IT Storage Rooms (3)	K2A	Floor Tile & Mastic	NF-I	Damaged - replace loose tiles (west door under unit and 2' inside east door)
IT Storage Rooms (3)	P0B	Fire door	NF-II	Good condition

HA Name

K3A = Miscellaneous Flooring/Black Floor Mastic

K2A = 12" x 12" Vinyl Floor Tile and Mastic - Beige w/Thin Olive Streaks

P0B = Fire Door - Metal w/Interior Black Sound-Proofing

Friability

NF-I

NF-I

NF-II

NOTE: For all materials listed in good condition the recommendation is to maintain.

Inspector signature:



Edward Rinckey

Management Planner signature:



Gene E. Ryan

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Inspector

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182

Accreditation Number
A1231

Expiration Date
06/10/2016

DOB: 01/02/1963

This individual has satisfactorily met or exceeded the requirements of Michigan Public Act 440 of 1988, as amended, to be accredited as an Asbestos Inspector.

Accreditation card is not valid if altered

116640

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Contractor/Supervisor

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182

Accreditation Number
A1231

Expiration Date
06/10/2016

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116641

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Project Designer

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182

Accreditation Number
A1231

Expiration Date
03/12/2016

DOB: 01/02/1963

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114562

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Inspector

Gene E. Ryan
2618 Westbrook Drive
Toledo, OH 43613



Accreditation Number
A8411

Expiration Date
05/22/2017

DOB: 01/20/1958

This individual has satisfactorily met or exceeded the requirements of Michigan Public Act 440 of 1988, as amended, to be accredited as an Asbestos Inspector.

Accreditation card is
not valid if altered

120883

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Management Planner

Gene E. Ryan
2618 Westbrook Drive
Toledo, OH 43613



Accreditation Number
A8411

Expiration Date
05/22/2017

DOB: 01/20/1958

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is
not valid if altered

120884

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Contractor/Supervisor

Gene E. Ryan
2618 Westbrook Drive
Toledo, OH 43613



Accreditation Number
A8411

Expiration Date
05/22/2017

DOB: 01/20/1958

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is
not valid if altered

120885

April 18, 2016

DMD Project No. 16-M071.01

Mr. Eric Hoogendoorn
Monroe County Intermediate School District
1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 X 1345

**RE: ASBESTOS SURVEY
HOLIDAY CAMP
MONROE, MICHIGAN**

Dear Mr. Hoogendoorn:

On March 30, 2016, Edward Rinckey of DMD Environmental, Inc. (DMD) conducted a survey at the above referenced site. The purpose of the sampling was to comply with the United States (US) Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA), 40 CFR Part 763, Appendix B to Subpart E. Mr. Rinckey is a Michigan Department of Licensing and Regulatory Affairs (MDLARA) Asbestos Inspector. Please see attached certification

Sample locations were determined following the US EPA random sampling scheme and were representative of the homogeneous area. This scheme divides the sampling area into subareas, which are sampled in order based on random number diagrams. Samples were collected from the center of the subarea whenever feasible. Irregularly shaped areas have been adapted to approximate a rectangle prior to division into subareas. Deviations from this methodology occur when sampling thermal system insulation and miscellaneous materials. In these cases, samples were collected from randomly selected locations which are representative of the homogeneous area per 40 CFR 763.86 (a through d).

With proper respiratory protection (North half-face respirator equipped with high efficiency particulate aerosol filter cartridges); the technician used a coring device to procure suspect ACM samples. If a coring device was not applicable, another method was used to collect a representative sample, for example a utility knife or screw driver. Before the sample was cored or collected, the technician wet the sampling areas with surfactant (soapy water) to prevent any potential fiber release. A complete core or cross section was then collected to ensure that each potential asbestos containing layer would be visible during the sample examination at the laboratory. Sample collection areas were then patched.

The samples were analyzed by EMSL Analytical, Inc. (EMSL), in Ann Arbor, Michigan. EMSL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), administered by the National Institute of Standards and Technology (NIST). See attached EMSL report and chain of custody. All materials tested negative for asbestos.

DMD appreciates this opportunity to provide you with asbestos consulting services. If you have any questions or comments, please contact our office.

Respectfully submitted,

DMD Environmental, Inc.

Edward Rinckey
General Manager

ANALYTICAL REPORT - POLARIZED LIGHT MICROSCOPY (PLM)

CLIENT:	Mr. Eric Hoogendoorn Monroe County Intermediate School District 1101 South Raisinville Road Monroe, Michigan 48161 (734) 242-5799 X 1345	Date Sampled: 3/30/16 Date Received: 3/30/16 Date Analyzed: 4/4/16	DMD Project No: 16-M071.01 DMD Report No: 34504 Sampled By: Edward Rinckey
PROJECT:	Holiday Camp Grape, Michigan		Page 1 of 1

LAB NO.	SAMPLE #/LAYER	HSA	SAMPLE LOCATION/IDENTIFICATION	F/NF	MICROSCOPIC DESCRIPTION	NON-ASBESTOS COMPONENTS	ASBESTOS CONTENT
B-86615	HC-01	I3A	Main cabin, ceiling of first floor kitchen, 2' x 4' ceiling tile	F	Gray fibrous homogeneous	45% cellulose, 30% mineral wool, 10% perlite, 15% non-fibrous (other)	None detected
B-86616	HC-02	K2A	Main cabin, women's restroom, 12" x 12" vinyl floor tile and mastic	NF-I	Gray/black non-fibrous homogeneous	<1.0% cellulose, <1.0% mineral wool, 100% non-fibrous (other)	None detected
B-86617	HC-03	N0B	Main cabin, kitchen, behind electrical outlet, drywall	NF-II	Tan/white non-fibrous homogeneous	2% cellulose, 2% glass, 98% non-fibrous (other)	None detected
B-86618	HC-04	N0B	Main cabin, kitchen, behind electrical outlet, joint compound	NF-II	White non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86619	HC-05	K2A	Lodge, custodial room, 12" x 12" vinyl floor tile and mastic	NF-I	Tan non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86620	HC-06/A	K2A	Lodge, custodial room, 12" x 12" vinyl floor tile and mastic	NF-I	Brown/tan non-fibrous homogeneous	100% non-fibrous (other)	None detected
	HC-06/B				Gray fibrous homogeneous	90% synthetic, 10% non-fibrous (other)	None detected
B-86621	HC-07	K1A	Lodge, at sink drain, sheet vinyl flooring and adhesive	NF-I	Tan non-fibrous homogeneous	5% cellulose, <1.0% synthetic, 2% glass, 93% non-fibrous (other)	None detected
B-86622	HC-08	K1A	Lodge, at sink drain, sheet vinyl flooring and adhesive	NF-I	Tan non-fibrous homogeneous	4% cellulose, 2% glass, 94% non-fibrous (other)	None detected
B-86623	HC-09	POP	Pool house, at north end, popcorn on drywall	NF-II	White non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86624	HC-10	POP	Pool house, at north end, popcorn on drywall	NF-II	White non-fibrous homogeneous	<1.0% cellulose, 100% non-fibrous (other)	None detected
B-86625	HC-11	K2A	Pool house, from floor, 12" x 12" vinyl floor tile and mastic	NF-I	Blue non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86626	HC-12	K2A	Pool house, from floor, 12" x 12" vinyl floor tile and mastic	NF-I	Blue non-fibrous homogeneous	100% non-fibrous (other)	None detected

Samples were analyzed by EMSL Analytical, Inc. of Ann Arbor, Michigan.
Please see attached report.

ASBESTOS SURVEY REPORT

Prepared by:

DMD Environmental, Inc.

3424 West Laskey Road
Toledo, Ohio 43623-4032

Client:

Monroe County Intermediate School District
1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 x 1355

Date of Survey:

March 30, 2016

Inspector:

Edward Rinckey

Site:

**B-Building, Professional Development Center
Monroe, Michigan**

Page 1 of 1

HSA	P/N/A	F/NF	Material Type	Material Name	Location	Quantity	Condition	Recommendation
13A	N	F	MM	2' x 4' ceiling tile	Throughout facility	200 SF	Good	---
K1A	N	NF-I	MM	Sheet vinyl flooring and adhesive	Throughout facility	1,200 SF	Good	---
K2A	N	NF-I	MM	12" x 12" vinyl floor tile and mastic	Throughout facility	600 SF	Good	---
N0B	N	NF-II	MM	Drywall/joint compound	Throughout facility	2,400 SF	Good	---
POP	N	NF-II	MM	Popcorn on drywall	Pool house	600 SF	Good	---

P: Positive for Asbestos

N: Negative for Asbestos

A: Assumed (Presumed) to Contain Asbestos

F:

Friable

NF:

Non-Friable

NF-I/II:

Non-Friable Category I or II

TSI:

Thermal System Insulation

MM:

Miscellaneous Material

SM:

Surfacing Material

LF:

Linear Feet

SF:

Square Feet

J:

Joints, Elbows, Tees

NQ:

Not Quantified

**EMSL Analytical, Inc.**

212 South Wagner Road Ann Arbor, MI 48103

Tel/Fax: (734) 668-6810 / (734) 668-8532

http://www.EMSL.com / annarborlab@emsl.com

EMSL Order: 081600870**Customer ID:** DMDC50**Customer PO:****Project ID:**

Attention: Ed Rinkey
DMD Environmental, Inc.
3424 West Laskey Road
Toledo, OH 43623

Phone: (419) 367-0737**Fax:** (419) 473-1985**Received Date:** 04/01/2016 8:00 AM**Analysis Date:** 04/04/2016**Collected Date:****Project:** Monroe I.S.D./ Holiday Camp

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
HC-01		Gray Fibrous Homogeneous	45% Cellulose 30% Min. Wool	10% Perlite 15% Non-fibrous (Other)	None Detected
081600870-0001					
HC-02		Gray/Black Non-Fibrous Homogeneous	<1% Cellulose <1% Min. Wool	100% Non-fibrous (Other)	None Detected
081600870-0002					
H-03		Tan/White Non-Fibrous Homogeneous	2% Cellulose 2% Glass	96% Non-fibrous (Other)	None Detected
081600870-0003					
H-04		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600870-0004					
H-05		Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600870-0005					
H-06	Floor Tile	Brown/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600870-0006					
H-06	Insulation	Gray Fibrous Homogeneous	90% Synthetic	10% Non-fibrous (Other)	None Detected
081600870-0006A					
H-07		Tan Non-Fibrous Homogeneous	5% Cellulose <1% Synthetic 2% Glass	93% Non-fibrous (Other)	None Detected
081600870-0007					
H-08		Tan Non-Fibrous Homogeneous	4% Cellulose 2% Glass	94% Non-fibrous (Other)	None Detected
081600870-0008					
H-09		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600870-0009					
Inseparable paint / coating layer included in analysis					
H-10		White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
081600870-0010					
H-11		Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600870-0011					
H-12		Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600870-0012					



EMSL Analytical, Inc.

212 South Wagner Road Ann Arbor, MI 48103

Tel/Fax: (734) 668-6810 / (734) 668-8532

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

EMSL Order: 081600870

Customer ID: DMDC50

Customer PO:

Project ID:

Analyst(s)

Jamey Cooper (13)

Ryan Shannon, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported 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. Interpretation and use of test results are the responsibility of the client. 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. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Ann Arbor, MI NVLAP Lab Code 101048-4

Initial Report From: 04/07/2016 15:37:01

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Inspector

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



Accreditation Number
A1231

Expiration Date
06/10/2016

DOB: 01/02/1963

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State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Contractor/Supervisor

Edward A. Rinckey
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Temperance, MI 48182



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DOB: 01/02/1963

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116641

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Project Designer

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



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April 18, 2016

DMD Project No. 16-M071.01

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1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 X 1345

**RE: ASBESTOS SURVEY
B-BUILDING, PROFESSIONAL DEVELOPMENT CENTER
MONROE, MICHIGAN**

Dear Mr. Hoogendoorn:

On March 30, 2016, Edward Rinckey of DMD Environmental, Inc. (DMD) conducted a survey at the above referenced site. The purpose of the sampling was to comply with the United States (US) Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA), 40 CFR Part 763, Appendix B to Subpart E. Mr. Rinckey is a Michigan Department of Licensing and Regulatory Affairs (MDLARA) Asbestos Inspector. Please see attached certification

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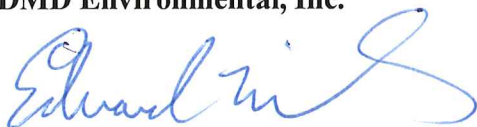
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The samples were analyzed by EMSL Analytical, Inc. (EMSL), in Ann Arbor, Michigan. EMSL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), administered by the National Institute of Standards and Technology (NIST). See attached EMSL report and chain of custody. All materials tested negative for asbestos.

DMD appreciates this opportunity to provide you with asbestos consulting services. If you have any questions or comments, please contact our office.

Respectfully submitted,

DMD Environmental, Inc.



Edward Rinckey
General Manager

ANALYTICAL REPORT - POLARIZED LIGHT MICROSCOPY (PLM)

CLIENT:	Mr. Eric Hoogendoorn Monroe County Intermediate School District 1101 South Raisinville Road Monroe, Michigan 48161 (734) 242-5799 X 1345	Date Sampled: 3/30/16 Date Received: 3/30/16 Date Analyzed: 4/7/16	DMD Project No: 16-M071.01 DMD Report No: 34503 Sampled By: Edward Rinckey
PROJECT:	B-Building, Professional Development Center Monroe, Michigan	Page 1 of 2	

LAB NO.	SAMPLE #/LAYER	HSA	SAMPLE LOCATION/IDENTIFICATION	F/NF	MICROSCOPIC DESCRIPTION	NON-ASBESTOS COMPONENTS	ASBESTOS CONTENT
B-86597	B-01	1	Hallway, between south men's and women's restroom, drop ceiling panels	F	Gray fibrous homogeneous	30% cellulose, 30% mineral wool, 30% perlite, 10% non-fibrous (other)	None detected
B-86598	B-02	1	River Raisin room, above sink area, north wall, drop ceiling panels	F	Gray fibrous homogeneous	30% cellulose, 30% mineral wool, 30% perlite, 10% non-fibrous (other)	None detected
B-86599	B-03	2	Hallway, between south men's and women's restroom, drywall	NF-II	White non-fibrous homogeneous	4% cellulose, <1.0% mineral wool, 96% non-fibrous (other)	None detected
B-86600	B-04	2	River Raisin room, above sink area, north wall, drywall	NF-II	White non-fibrous homogeneous	2% cellulose, <1.0% mineral wool, 98% non-fibrous (other)	None detected
B-86601	B-05	2	Hallway, between restrooms north of B-30, drywall	NF-II	Gray non-fibrous homogeneous	5% cellulose, 95% non-fibrous (other)	None detected
B-86602	B-06/A	3	Hallway, between south men's and women's restroom, drywall tape and mud	NF-II	Tan/white non-fibrous homogeneous	<1.0% cellulose, 100% non-fibrous (other)	None detected
	B-06/B				White fibrous homogeneous	90% cellulose, 10% non-fibrous (other)	None detected
B-86603	B-07	3	River Raisin room, above sink area, north wall, drywall tape and mud	NF-II	White non-fibrous homogeneous	<1.0% cellulose, 100% non-fibrous (other)	None detected
B-86604	B-08/A	3	Hallway, between restrooms north of B-30, drywall tape and mud	NF-II	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
	B-08/B				White fibrous homogeneous	90% cellulose, 10% non-fibrous (other)	None detected
B-86605	B-09	4	Hallway, between south men's and women's restroom, gray sealant (ducts)	NF-II	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86606	B-10	4	Hallway, between restrooms north of B-30, gray sealant (ducts)	NF-II	Gray/silver non-fibrous homogeneous	2% cellulose, 98% non-fibrous (other)	None detected
B-86607	B-11	5	Hallway, between south men's and women's restroom, red sealant (penetrations)	NF-II	White/red/black non-fibrous homogeneous	3% glass, 97% non-fibrous (other)	None detected
B-86608	B-12	5	Hallway, between restrooms north of B-30, red sealant (penetrations)	NF-II	White/red/black non-fibrous homogeneous	5% cellulose, 95% non-fibrous (other)	None detected
B-86609	B-13	6	Food service, under sink, sink bottoms	NF-II	Gray non-fibrous homogeneous	25% cellulose, 75% non-fibrous (other)	None detected

ANALYTICAL REPORT - POLARIZED LIGHT MICROSCOPY (PLM)

CLIENT:	Monroe County Intermediate School District	Receiving Report No.: 34503	Page 2 of 2
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LAB NO.	SAMPLE #/LAYER	HSA	SAMPLE LOCATION/IDENTIFICATION	F/NF	MICROSCOPIC DESCRIPTION	NON-ASBESTOS COMPONENTS	ASBESTOS CONTENT
B-86610	B-14	6	River Raisin room, north end, under sink, sink bottoms	NF-II	Gray non-fibrous homogeneous	25% cellulose, 75% non-fibrous (other)	None detected
B-86611	B-15	7	Custodial room, between restrooms north of room B-30, 1' x 1' beige floor tile	NF-I	Tan/white non-fibrous homogeneous	<1.0% cellulose, 100% non-fibrous (other)	None detected
B-86612	B-16/A	7	Computer room, at back divider wall, 1' x 1' beige floor tile	NF-I	White non-fibrous homogeneous	100% non-fibrous (other)	None detected
	B-16/B				Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
	B-16/C				Yellow non-fibrous homogeneous	<1.0% cellulose, 100% non-fibrous (other)	None detected
B-86613	B-17	8	Computer room, at back divider wall, gray mop board	NF-I	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86614	B-18	8	Computer room, at back divider wall, gray mop board	NF-I	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected

Samples were analyzed by EMSL Analytical, Inc. of Ann Arbor, Michigan.
Please see attached report.

ASBESTOS SURVEY REPORT

Prepared by:

DMD Environmental, Inc.

3424 West Laskey Road
Toledo, Ohio 43623-4032

Client:

Monroe County Intermediate School District
1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 x 1355

Date of Survey:

March 30, 2016

Inspector:

Edward Rinckey

Site:

**B-Building, Professional Development Center
Monroe, Michigan**

Page 1 of 1

HSA	P/N/A	F/NF	Material Type	Material Name	Location	Quantity	Condition	Recommendation
1	N	F	MM	Drop ceiling panels	Throughout facility	16,000 SF	Good	---
2	N	NF-II	MM	Drywall	Throughout facility	32,000 SF	Good	---
3	N	NF-II	MM	Drywall tape and mud	Throughout facility	8,000 SF	Good	---
4	N	NF-II	MM	Gray sealant (ducts)	Above ceilings	200 SF	Good	---
5	N	NF-II	MM	Red sealant (penetrations)	Above ceilings	90 SF	Good	---
6	N	NF-II	MM	Sink bottoms	From sinks	90 SF	Good	---
7	N	NF-I	MM	1' x 1' beige floor tile	Throughout facility	2,000 SF	Good	---
8	N	NF-I	MM	Gray mop board	Throughout facility	2,000 SF	Good	---

P: Positive for Asbestos

N: Negative for Asbestos

A: Assumed (Presumed) to Contain Asbestos

F:

Friable

NF:

Non-Friable

NF-/II:

Non-Friable Category I or II

TSI:

Thermal System Insulation

MM:

Miscellaneous Material

SM:

Surfacing Material

LF:

Linear Feet

SF:

Square Feet

J:

Joints, Elbows, Tees

NQ:

Not Quantified



EMSL Analytical, Inc.

212 South Wagner Road Ann Arbor, MI 48103

Tel/Fax: (734) 668-6810 / (734) 668-8532

http://www.EMSL.com / annarborlab@emsl.com

EMSL Order: 081600872

Customer ID: DMDC50

Customer PO:

Project ID:

Attention: Ed Rinkey
DMD Environmental, Inc.
3424 West Laskey Road
Toledo, OH 43623

Phone: (419) 367-0737

Fax: (419) 473-1985

Received Date: 04/01/2016 8:00 AM

Analysis Date: 04/07/2016

Collected Date:

Project: Monroe ISD/ B-Building Professional Development Center

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
B-01		Gray Fibrous Homogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
081600872-0001					
B-02		Gray Fibrous Homogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
081600872-0002					
B-03		White Non-Fibrous Homogeneous	4% Cellulose <1% Min. Wool	96% Non-fibrous (Other)	None Detected
081600872-0003					
B-04		White Non-Fibrous Homogeneous	2% Cellulose <1% Min. Wool	98% Non-fibrous (Other)	None Detected
081600872-0004					
B-05		Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
081600872-0005					
B-06	Joint Compound	Tan/White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
081600872-0006					
B-06	Tape	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
081600872-0006A					
B-07		White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
081600872-0007					
B-08	Joint Compound	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600872-0008					
B-08	Tape	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
081600872-0008A					
B-09		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600872-0009					
B-10		Gray/Silver Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
081600872-0010					
Inseparable paint / coating layer included in analysis					
B-11		White/Red/Black Non-Fibrous Homogeneous	3% Glass	97% Non-fibrous (Other)	None Detected
081600872-0011					
B-12		White/Red/Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
081600872-0012					
Inseparable Layer					
B-13		Gray Non-Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
081600872-0013					

Initial Report From: 04/07/2016 15:41:41



EMSL Analytical, Inc.

212 South Wagner Road Ann Arbor, MI 48103

Tel/Fax: (734) 668-6810 / (734) 668-8532

http://www.EMSL.com / annarborlab@emsl.com

EMSL Order: 081600872

Customer ID: DMDC50

Customer PO:

Project ID:

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
B-14 <i>081600872-0014</i>		Gray Non-Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
B-15 <i>081600872-0015</i> <i>Inseparable Layer</i>		Tan/White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
B-16 <i>081600872-0016</i>	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
B-16 <i>081600872-0016A</i>	Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
B-16 <i>081600872-0016B</i>	Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
B-17 <i>081600872-0017</i>		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
B-18 <i>081600872-0018</i>		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Eric Budai (3)

Jamey Cooper (19)

Ryan Shannon, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported 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. Interpretation and use of test results are the responsibility of the client. 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. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Ann Arbor, MI NVLAP Lab Code 101048-4

Initial Report From: 04/07/2016 15:41:41

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Inspector

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



Accreditation Number
A1231

Expiration Date
06/10/2016

DOB: 01/02/1963

This individual has satisfactorily met or exceeded the requirements of Michigan Public Act 440 of 1980, as amended, to be accredited as an Asbestos Inspector.

Accreditation card is not valid if altered

116640

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Contractor/Supervisor

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



Accreditation Number
A1231

Expiration Date
06/10/2016

DOB: 01/02/1963

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered

116641

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Project Designer

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



Accreditation Number
A1231

Expiration Date
03/12/2016

DOB: 01/02/1963

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered

114562

April 18, 2016

DMD Project No. 16-M071.01

Mr. Eric Hoogendoorn
Monroe County Intermediate School District
1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 X 1345

**RE: ASBESTOS SURVEY
TRANSITION CENTER
MONROE, MICHIGAN**

Dear Mr. Hoogendoorn:

On March 29, 2016, Edward Rinkey of DMD Environmental, Inc. (DMD) conducted a survey at the above referenced site. The purpose of the sampling was to comply with the United States (US) Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA), 40 CFR Part 763, Appendix B to Subpart E. Mr. Rickey is a Michigan Department of Licensing and Regulatory Affairs (MDLARA) Asbestos Inspector. Please see attached certification

Sample locations were determined following the US EPA random sampling scheme and were representative of the homogeneous area. This scheme divides the sampling area into subareas, which are sampled in order based on random number diagrams. Samples were collected from the center of the subarea whenever feasible. Irregularly shaped areas have been adapted to approximate a rectangle prior to division into subareas. Deviations from this methodology occur when sampling thermal system insulation and miscellaneous materials. In these cases, samples were collected from randomly selected locations which are representative of the homogeneous area per 40 CFR 763.86 (a through d).

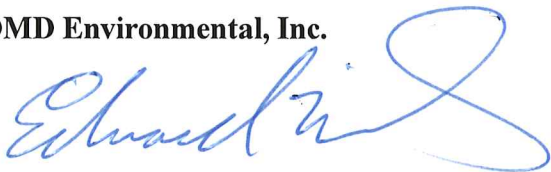
With proper respiratory protection (North half-face respirator equipped with high efficiency particulate aerosol filter cartridges); the technician used a coring device to procure suspect ACM samples. If a coring device was not applicable, another method was used to collect a representative sample, for example a utility knife or screw driver. Before the sample was cored or collected, the technician wet the sampling areas with surfactant (soapy water) to prevent any potential fiber release. A complete core or cross section was then collected to ensure that each potential asbestos containing layer would be visible during the sample examination at the laboratory. Sample collection areas were then patched.

The samples were analyzed by EMSL Analytical, Inc. (EMSL), in Ann Arbor, Michigan. EMSL is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), administered by the National Institute of Standards and Technology (NIST). See attached EMSL report and chain of custody. All materials tested negative for asbestos.

DMD appreciates this opportunity to provide you with asbestos consulting services. If you have any questions or comments, please contact our office.

Respectfully submitted,

DMD Environmental, Inc.



Edward Rinkey
General Manager

ANALYTICAL REPORT - POLARIZED LIGHT MICROSCOPY (PLM)

CLIENT:	Mr. Eric Hoogendoorn	Date Sampled:	3/29/16	DMD Project No:	16-M071.01
	Monroe County Intermediate School District	Date Received:	3/29/16	DMD Report No:	34502
PROJECT:	1101 South Raisinville Road	Date Analyzed:	4/4/16	Sampled By:	Edward Rinckey
	Monroe, Michigan 48161 (734) 242-5799 X 1345				
Transition Center Monroe, Michigan					

Page 1 of 2

LAB NO.	SAMPLE #/LAYER	HSA	SAMPLE LOCATION/IDENTIFICATION	F/NF	MICROSCOPIC DESCRIPTION	NON-ASBESTOS COMPONENTS	ASBESTOS CONTENT
B-86578	TC-01	1	Room 106, 2' north of flag, 2' x 2' acoustical ceiling tile	F	Gray fibrous homogeneous	50% cellulose, 10% mineral wool, 35% perlite, 5% non-fibrous (other)	None detected
B-86579	TC-02	1	Room 107, along east wall, centered, 2' x 2' acoustical ceiling tile	F	Gray fibrous homogeneous	50% cellulose, 10% mineral wool, 35% perlite, 5% non-fibrous (other)	None detected
B-86580	TC-03	1	Room 116, west wall, centered, 2' x 2' acoustical ceiling tile	F	Gray fibrous homogeneous	55% cellulose, 5% mineral wool, 35% perlite, 10% non-fibrous (other)	None detected
B-86581	TC-04/A	2	Room 106, 2' north of flag, drywall mud	NF-II	White non-fibrous homogeneous	3% cellulose, 97% non-fibrous (other)	None detected
	TC-04/B				White fibrous homogeneous	85% cellulose, 15% non-fibrous (other)	None detected
B-86582	TC-05	2	Room 107, along east wall, centered, drywall mud	NF-II	White non-fibrous homogeneous	2% cellulose, 98% non-fibrous (other)	None detected
B-86583	TC-06	2	Room 116, west wall, centered, drywall mud	NF-II	White non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86584	TC-07	3	Room 106, 2' north of flag, drywall	NF-II	Gray fibrous homogeneous	30% cellulose, 70% non-fibrous (other)	None detected
B-86585	TC-08	3	Room 107, along east wall, centered, drywall	NF-II	Gray non-fibrous homogeneous	<1% cellulose, 100% non-fibrous (other)	None detected
B-86586	TC-09	3	Room 116, west wall, centered, drywall	NF-II	Gray fibrous homogeneous	8% cellulose, 92% non-fibrous (other)	None detected
B-86587	TC-10	4	Room 106, center of room, duct sealant	NF-II	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86588	TC-11	4	Room 107, along east wall, centered, duct sealant	NF-II	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86589	TC-12	4	Room 113, center of rear portion of room, duct sealant	NF-II	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86590	TC-13/A	5	Room 116, from under sink, 1' x 1' blue/gray floor tile	NF-I	Yellow non-fibrous homogeneous	5% cellulose, 95% non-fibrous (other)	None detected
	TC-13/B				Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
	TC-13/C				Yellow non-fibrous homogeneous	3% cellulose, 97% non-fibrous (other)	None detected

ANALYTICAL REPORT - POLARIZED LIGHT MICROSCOPY (PLM)

CLIENT:	Monroe County Intermediate School District	Receiving Report No.: 34502	Page 2 of 2
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LAB NO.	SAMPLE #/LAYER	HSA	SAMPLE LOCATION/IDENTIFICATION	F/NF	MICROSCOPIC DESCRIPTION	NON-ASBESTOS COMPONENTS	ASBESTOS CONTENT
B-86591	TC-14	5	Room 113, at slop sink, 1' x 1' blue/gray floor tile	NF-I	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86592	TC-15/A	5	Room 108, at floor drain, 1' x 1' blue/gray floor tile	NF-I	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected
	TC-15/B				Black non-fibrous homogeneous	<1% cellulose, 100% non-fibrous (other)	None detected
B-86593	TC-16/A	6	Room 113, from southeast corner of rear section of room, red electrical conduit sealant	NF-II	Red/black non-fibrous homogeneous	<1% mineral wool, 100% non-fibrous (other)	None detected
	TC-16/B				White non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86594	TC-17	6	Room 113, center of south wall, rear section of room, red electrical conduit sealant	NF-II	Red/black non-fibrous homogeneous	100% non-fibrous (other)	None detected
B-86595	TC-18	7	Room 116, east sink bottom, sink insulation	NF-II	Gray fibrous homogeneous	25% cellulose, 75% non-fibrous (other)	None detected
B-86596	TC-19	7	Room 116, west sink bottom, sink insulation	NF-II	Gray non-fibrous homogeneous	100% non-fibrous (other)	None detected

Samples were analyzed by EMSL Analytical, Inc. of Ann Arbor, Michigan.
Please see attached report.

ASBESTOS SURVEY REPORT

Prepared by:

DMD Environmental, Inc.

3424 West Laskey Road
Toledo, Ohio 43623-4032

Client:

Monroe County Intermediate School District
1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 x 1355

Date of Survey:

March 29, 2016

Inspector:

Edward Rinckey

Transition Center
Monroe, Michigan

Site:

Page 1 of 2

HSA	P/N/A	F/NF	Material Type	Material Name	Location	Quantity	Condition	Recommendation
1	N	F	MM	2' x 2' acoustical ceiling tile	Room 106	676 SF	Good	---
					Room 107	520 SF	Good	
					Shower 110	96 SF	Good	
					Women's restroom	168 SF	Good	
					Lounge	280 SF	Good	
					Office	160 SF	Good	
					Home skills	480 SF	Good	
					Room 117	676 SF	Good	
2	N	NF-II	MM	Drywall mud	Room 116	832 SF	Good	---
					Men's restroom	168 SF	Good	
					Laundry	96 SF	Good	
3	N	NF-II	MM	Drywall	Throughout facility	8,000 SF	Good	---
4	N	NF-II	MM	Duct sealant	Throughout facility	2,000 SF	Good	---
5	N	NF-I	MM	1' x 1' blue/gray floor tile	Above drop ceiling throughout facility	400 SF	Good	---
					Room 107	520 SF	Good	
					Room 108 (mech)	260 SF	Good	
					Room 116	832 SF	Good	
6	N	NF-II	MM	Red electrical conduit sealant	Room 113 (janitor's storage)	184 SF	Good	---
					Above drop ceiling in mech room	30 SF	Good	

ASBESTOS SURVEY REPORT

Prepared by:

DMD Environmental, Inc.

3424 West Laskey Road
Toledo, Ohio 43623-4032

Client:

Monroe County Intermediate School District
1101 South Raisinville Road
Monroe, Michigan 48161
(734) 242-5799 x 1355

Date of Survey:

March 29, 2016

Inspector:

Edward Rinckey

Site:

Transition Center
Monroe, Michigan

Page 2 of 2

HSA	P/N/A	F/NF	Material Type	Material Name	Location	Quantity	Condition	Recommendation
7	N	NF-II	MM	Sink insulation	Room 116	2 sinks	Good	---

P: Positive for Asbestos

N: Negative for Asbestos

A: Assumed (Presumed) to Contain Asbestos

F:

Friable

NF:

Non-Friable

NF-I/II:

Non-Friable Category I or II

TSE:

Thermal System Insulation

MM:

Miscellaneous Material

SM:

Surfacing Material

LF:

Linear Feet

SF:

Square Feet

J:

Joints, Elbows, Tees

NQ:

Not Quantified

**EMSL Analytical, Inc.**

212 South Wagner Road Ann Arbor, MI 48103

Tel/Fax: (734) 668-6810 / (734) 668-8532

http://www.EMSL.com / annarborlab@emsl.com

EMSL Order: 081600871**Customer ID:** DMDC50**Customer PO:****Project ID:**

Attention: Ed Rinckey
DMD Environmental, Inc.
3424 West Laskey Road
Toledo, OH 43623

Phone: (419) 367-0737**Fax:** (419) 473-1985**Received Date:** 04/01/2016 8:00 AM**Analysis Date:** 04/04/2016**Collected Date:****Project:** Monroe I.S.D./ Transition Center

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
TC-01	Ceiling Tile	Gray Fibrous Homogeneous	50% Cellulose 10% Min. Wool	35% Perlite 5% Non-fibrous (Other)	None Detected
081600871-0001					
TC-02	Ceiling Tile	Gray Fibrous Homogeneous	50% Cellulose 10% Min. Wool	35% Perlite 5% Non-fibrous (Other)	None Detected
081600871-0002					
TC-03	Ceiling Tile	Gray Fibrous Homogeneous	55% Cellulose 5% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
081600871-0003					
TC-04	Drywall	White Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
081600871-0004					
TC-04	Tape	White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
081600871-0004A					
TC-05	Drywall Mud	White Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
081600871-0005					
TC-06	Drywall Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600871-0006					
TC-07	Drywall	Gray Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
081600871-0007					
TC-08	Drywall	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
081600871-0008					
TC-09	Drywall	Gray Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
081600871-0009					
TC-10	Sealant	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600871-0010					
TC-11	Sealant	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600871-0011					
TC-12	Sealant	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600871-0012					
TC-13	Adhesive A	Yellow Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
081600871-0013					
TC-13	Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
081600871-0013A					
TC-13	Adhesive B	Yellow Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
081600871-0013B					

Initial Report From: 04/07/2016 15:37:28



EMSL Analytical, Inc.

212 South Wagner Road Ann Arbor, MI 48103

Tel/Fax: (734) 668-6810 / (734) 668-8532

http://www.EMSL.com / annarborlab@emsl.com

EMSL Order: 081600871

Customer ID: DMDC50

Customer PO:

Project ID:

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
TC-14 081600871-0014	Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
TC-15 081600871-0015 Insufficient Adhesive on top of tile to layer	Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
TC-15 081600871-0015A	Mastic	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
TC-16 081600871-0016	Sealant	Red/Black Non-Fibrous Homogeneous	<1% Min. Wool	100% Non-fibrous (Other)	None Detected
TC-16 081600871-0016A	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
TC-17 081600871-0017	Sealant	Red/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
TC-18 081600871-0018	Insulation	Gray Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
TC-19 081600871-0019	Insulation	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Eric Budai (6)

Jamey Cooper (18)

Ryan Shannon, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported 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. Interpretation and use of test results are the responsibility of the client. 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. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Ann Arbor, MI NVLAP Lab Code 101048-4

Initial Report From: 04/07/2016 15:37:28

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Inspector

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



Accreditation Number
A1231

Expiration Date
06/10/2016

DOB: 01/02/1963

This individual has satisfactorily met or exceeded the requirements of Michigan Public Act 440 of 1988, as amended, to be accredited as an Asbestos Inspector.

Accreditation card is not valid if altered

116640

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Contractor/Supervisor

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



Accreditation Number
A1231

Expiration Date
06/10/2016

DOB: 01/02/1963

This individual has satisfactorily met or exceeded the requirements of Section 208 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered

116641

State of Michigan
Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration - Asbestos Program



Asbestos Project Designer

Edward A. Rinckey
3366 Jerome Street
Temperance, MI 48182



Accreditation Number
A1231

Expiration Date
03/12/2016

DOB: 01/02/1963

This individual has satisfactorily met or exceeded the requirements of Section 208 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered

114562