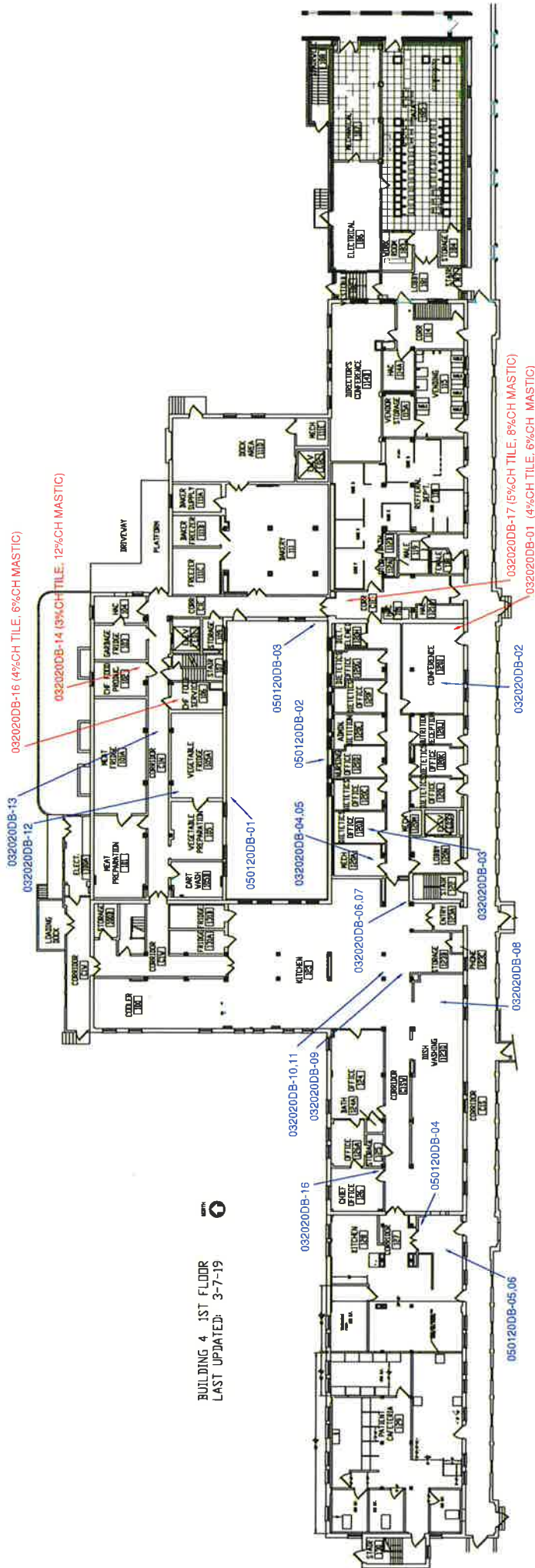


# Asbestos Sample Locations Laboratory Report



ASBESTOS SAMPLE LOCATION (POSITIVE)  
 ASBESTOS SAMPLE LOCATION (NEGATIVE)



BUILDING 4, 1ST FLOOR  
 LAST UPDATED: 3-7-19





9201 West Broadway North, Suite 600  
 Brooklyn Park, MN 55445  
 (763) 315-7900  
 1-800-233-9513

# CHAIN OF CUSTODY

352003212

Page 1 of 2

Client # \_\_\_\_\_ Project # 202010164 Building Name BOH Shaded Areas are for Laboratory Use Only!

Client Geo Bancroft Architects Project Name PACT Clinic

Address \_\_\_\_\_ Contact Person \_\_\_\_\_ Contact Person Phone \_\_\_\_\_

Verbal results relayed to \_\_\_\_\_ Phone, Fax No. or E-Mail \_\_\_\_\_ TAT (circle) 6 hr 1d 2d 3d 4d Specify \_\_\_\_\_

Verbal results relayed by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Analysis location:  On Site  Lab  Regional Office  Other \_\_\_\_\_

Verbal results relayed by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Sample #	Work Area or Phase #	Comments / Location	Sample type or Material code	Volume	Matrix type			Analysis requested			Filter type				
					Air	Bulk	Dust	PCM	PLM	TBM	Other	MCF	.8 um	.45 um	
032620BD-01	120I	12" x 12" Floor Tile & MASTIC - Green	KZA		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-02	120I	2' x 2' Ceiling Tile Fixtures w/vents Hubs	IZA		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-03	120B	2' x 2' Ceiling Tile Light Fixture w/vented Edge	IZB		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-04	120A	Duct Caulk - Black	X0A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-05	120A	Duct Caulk - Tan	X0B		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-06	123	Subway Tile GROUT	XJA		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-07	123	CERAMIC WALL TILE SYSTEM - Subway Tile	XIB		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-08	123D	1' x 1' Ceiling Tile - Leg & Sn Random Holes	IJA		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-09	123	6' x 6' Ceramic Floor Tile System - Quarry Tile	XIC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-10	123	2' x 2' Ceiling Tile - Vinyl Coated Sheetrock	IZC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-11	123	4' x 4' Ceramic Wall Tile System	XID		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-12	105A	Walk-in Cooler Wall System	XIE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-13	CIN	1' x 2' Ceramic Floor System - Red	XIF		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The MN Department of Health Alternative Indoor Air Standard for this project is: \_\_\_\_\_ F/C/C \_\_\_\_\_ Batch Number: \_\_\_\_\_

Sampled by <u>Wm Dold</u>	Date <u>3/26/20</u>	Time <u>1:00 PM</u>	Delivered by <u>JEA</u>	Date <u>3/27</u>	Time <u>9:30 AM</u>	Received by lab <u>Abidaha</u>	Date <u>3-27-20</u>	Time <u>8:50</u>	Entered by	Date	Time
Received by	Date	Time	Delivered by	Date	Time	Analysis by	Date	Time	Delivered by	Date	Time



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 (763) 315-7900  
 1-800-233-9513

# CHAIN OF CUSTODY

3212

Client # \_\_\_\_\_ Project # 202010164 Building Name B&H Shaded Areas are for Laboratory Use Only!

Client Geo Bancroft Architects Project Name PACT Clinic Contact Person Phone \_\_\_\_\_

Address \_\_\_\_\_ Contact Person \_\_\_\_\_ Other Information \_\_\_\_\_

Verbal results to \_\_\_\_\_ Phone, Fax No. or E-Mail \_\_\_\_\_ TAT (circle) 6 hr 1d 2d 3d 4d Specify \_\_\_\_\_

Verbal results relayed to \_\_\_\_\_ Verbal results relayed by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Analysis location:  On Site  Lab  Regional Office  Other \_\_\_\_\_

Sample #	Work Area or Phase #	Comments / Location	Sample type or Material code	Volume	Matrix type			Analysis requested			Filter type				
					Air	Bulk	Dust	PCM	PLM	TEM	Other	MCE	.8 um	.45 um	
032620BD-14	102	12" x 12" Floor Tile of MASTIC - Tan w/GRN	KZB		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-15	106	12" x 12" Floor Tile - Tan w/GRAY	KZC		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-16	126	BLACK MASTIC UNDER GRATE	XDC		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-17	CJF	12" x 12" Floor Tile of MASTIC - GRN w/CLINE & WHITE	KZC		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The MN Department of Health Alternative Indoor Air Standard for this project is: \_\_\_\_\_ F/CC. \_\_\_\_\_

Batch Number: \_\_\_\_\_

Sampled by <u>Wm J...</u>	Date <u>3/26/20</u>	Time <u>1:00 PM</u>	Delivered by <u>IEA Inc</u>	Date <u>03/27</u>	Time <u>9:00 AM</u>	Received by lab	Date	Time
Received by	Date	Time	Delivered by	Date	Time	Analysis by	Date	Time

Samples Acceptable?  Yes  No

Entered by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Delivered by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_



# EMSL Analytical, Inc.

3410 Winnetka Avenue North New Hope, MN 55427

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com> / [minneapolislab@emsl.com](mailto:minneapolislab@emsl.com)

**EMSL Order:** 352003212  
**Customer ID:** IFEA50  
**Customer PO:**  
**Project ID:**

**Attention:** Jennifer Theis  
 Inst. For Environmental Assessment  
 9201 West Broadway  
 Suite 600  
 Brooklyn Park, MN 55445  
**Project:** 202010164 - B04

**Phone:** (763) 315-7900  
**Fax:** (763) 315-7920  
**Received Date:** 03/27/2020 8:50 AM  
**Analysis Date:** 03/31/2020  
**Collected Date:** 03/26/2020

## 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
032620BD-01 Tile 352003212-0001	120I, 12"x12" Floor Tile and Mastic, Green, K2A	White Non-Fibrous Homogeneous		96.0% Non-fibrous (Other)	4% Chrysotile
032620BD-01 Mastic 352003212-0001A	120I, 12"x12" Floor Tile and Mastic, Green, K2A	Black Non-Fibrous Homogeneous		94.0% Non-fibrous (Other)	6% Chrysotile
032620BD-01 Mastic 352003212-0001B	120I, 12"x12" Floor Tile and Mastic, Green, K2A	Tan Non-Fibrous Homogeneous	<1% Synthetic	100.0% Non-fibrous (Other)	None Detected
032620BD-02 352003212-0002	120I, 2'x2' Ceiling Tile Pock Marks w/ Dents and Holes, I2A	Gray/White Fibrous Homogeneous	40% Cellulose 40% MinWool	10% Perlite 10.0% Non-fibrous (Other)	None Detected
032620BD-03 352003212-0003	120B, 2'x2' Ceiling Tile Light Texture w/ Revealed Edge, I2B	Gray/White Fibrous Homogeneous	25% Cellulose 55% MinWool	10% Perlite 10.0% Non-fibrous (Other)	None Detected
032620BD-04 352003212-0004	120A, Duct Caulk - Black, X0A	Black Non-Fibrous Homogeneous	12% Cellulose	88.0% Non-fibrous (Other)	None Detected
032620BD-05 352003212-0005	120A, Duct Caulk - Tan, X0B	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-06 352003212-0006	123, Subway Tile Grout, X1A	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-07 Ceramic Tile 352003212-0007	123, Ceramic Wall Tile System - Subway Tile, X1B	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-07 352003212-0007A	123, Ceramic Wall Tile System - Subway Tile, X1B	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

EMSL maintains liability limited to cost of analysis. 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 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. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. 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. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0, Colorado AL-24478

Initial report from: 03/31/2020 13:28:57



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**EMSL Order:** 352003212  
**Customer ID:** IFEA50  
**Customer PO:**  
**Project ID:**

**Attention:** Jennifer Theis  
Inst. For Environmental Assessment  
9201 West Broadway  
Suite 600  
Brooklyn Park, MN 55445  
**Project:** 202010164 - B04

**Phone:** (763) 315-7900  
**Fax:** (763) 315-7920  
**Received Date:** 03/27/2020 8:50 AM  
**Analysis Date:** 03/31/2020  
**Collected Date:** 03/26/2020

## 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
032620BD-07 Mastic 352003212-0007B	123, Ceramic Wall Tile System - Subway Tile, X1B	Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-08 352003212-0008	123D, 1'x1' Ceiling Tile - Lrg and Sm Random/Holes, I1A	Tan Fibrous Homogeneous	40% Cellulose 40% MinWool	20.0% Non-fibrous (Other)	None Detected
032620BD-09 Ceramic Tile 352003212-0009	123, 6"x6" Ceramic Floor Tile System - Quarry Tile, X1C	Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-09 Grout 352003212-0009A	123, 6"x6" Ceramic Floor Tile System - Quarry Tile, X1C	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-10 352003212-0010	123, 2'x2' Ceiling Tile - Vinyl Coated Sheetrock, I2C	Tan/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88.0% Non-fibrous (Other)	None Detected
032620BD-11 352003212-0011	123, 4"x4" Ceramic Wall Tile System, X1D	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-12 Plaster 352003212-0012	105A, Walk-in Cooler Wall System, X1E	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-12 Brown Layer 352003212-0012A	105A, Walk-in Cooler Wall System, X1E	Brown Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-13 Ceramic Tile 352003212-0013	C1N, 1"x2" Ceramic Floor System - Red, X1F	Red Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-13 Grout 352003212-0013A	C1N, 1"x2" Ceramic Floor System - Red, X1F	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-D; Colorado AL-24478

Initial report from: 03/31/2020 13:28:57



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<b>EMSL Order:</b> 352003212
<b>Customer ID:</b> IFEA50
<b>Customer PO:</b>
<b>Project ID:</b>

<b>Attention:</b> Jennifer Theis Inst. For Environmental Assessment 9201 West Broadway Suite 600 Brooklyn Park, MN 55445 <b>Project:</b> 202010164 - B04	<b>Phone:</b> (763) 315-7900 <b>Fax:</b> (763) 315-7920 <b>Received Date:</b> 03/27/2020 8:50 AM <b>Analysis Date:</b> 03/31/2020 <b>Collected Date:</b> 03/26/2020
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## 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
032620BD-14 Floor Tile 352003212-0014	102, 12"x12" Floor Tile and Mastic - Tan w/ Gm, K2B	Green Non-Fibrous Homogeneous		97.0% Non-fibrous (Other)	3% Chrysotile
032620BD-14 Black Mastic 352003212-0014A	102, 12"x12" Floor Tile and Mastic - Tan w/ Gm, K2B	Black Non-Fibrous Homogeneous		88.0% Non-fibrous (Other)	12% Chrysotile
032620BD-14 Tan Mastic 352003212-0014B	102, 12"x12" Floor Tile and Mastic - Tan w/ Gm, K2B	Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-15 Floor Tile 352003212-0015	106, 12"x12" Floor Tile - Tan w/ Gray, K2C	Gray Non-Fibrous Homogeneous		96.0% Non-fibrous (Other)	4% Chrysotile
032620BD-15 Black Mastic 352003212-0015A	106, 12"x12" Floor Tile - Tan w/ Gray, K2C	Black Non-Fibrous Homogeneous		94.0% Non-fibrous (Other)	6% Chrysotile
032620BD-15 Tan Mastic 352003212-0015B	106, 12"x12" Floor Tile - Tan w/ Gray, K2C	Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-16 Black Layer 352003212-0016	126, Black Mastic Under Carpet, X0C	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-16 Tan Mastic 352003212-0016A	126, Black Mastic Under Carpet, X0C	Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
032620BD-17 Floor Tile 352003212-0017	C1E, 12"x12" Floor Tile and Mastic - Lt Grn w/ Olive and White, K2C	Gray Non-Fibrous Homogeneous		95.0% Non-fibrous (Other)	5% Chrysotile
032620BD-17 Mastic 352003212-0017A	C1E, 12"x12" Floor Tile and Mastic - Lt Grn w/ Olive and White, K2C	Black Non-Fibrous Homogeneous		92.0% Non-fibrous (Other)	8% Chrysotile

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 03/31/2020 13:28:57



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<b>EMSL Order:</b> 352003212
<b>Customer ID:</b> IFEA50
<b>Customer PO:</b>
<b>Project ID:</b>

<b>Attention:</b> Jennifer Theis Inst. For Environmental Assessment 9201 West Broadway Suite 600 Brooklyn Park, MN 55445 <b>Project:</b> 202010164 - B04	<b>Phone:</b> (763) 315-7900 <b>Fax:</b> (763) 315-7920 <b>Received Date:</b> 03/27/2020 8:50 AM <b>Analysis Date:</b> 03/31/2020 <b>Collected Date:</b> 03/26/2020
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## 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
032620BD-17	C1E, 12"x12" Floor Tile and Mastic - Lt Grn w/ Adhesive	Tan		100.0% Non-fibrous (Other)	None Detected
352003212-0017B	Olive and White, K2C	Homogeneous			

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 03/31/2020 13:28:57





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**EMSL Order:** 352003212  
**Customer ID:** IFEA50  
**Customer PO:**  
**Project ID:**

**Attention:** Jennifer Theis  
Inst. For Environmental Assessment  
9201 West Broadway  
Suite 600  
Brooklyn Park, MN 55445  
**Project:** 202010164 - B04

**Phone:** (763) 315-7900  
**Fax:** (763) 315-7920  
**Received Date:** 03/27/2020 8:50 AM  
**Analysis Date:** 03/31/2020  
**Collected Date:** 03/26/2020

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

### Report Comments:

Sample Receipt Date: 03/27/2020                      Sample Receipt Time: 8:50 AM  
Analysis Completed Date: 03/31/2020                      Analysis Completed Time: 1:27 PM

### **Analyst(s):**

Ben Bunge PLM (31)

### **Samples Reviewed and approved by:**

Rachel Travis, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. 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 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. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. 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. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 03/31/2020 13:28:57

9201 West Broadway North, Suite 600  
 Brooklyn Park, MN 55445  
 (763) 315-7900  
 1-800-233-9513

# CHAIN OF CUSTODY

Page 1 of 1

Client # 202010164 Project # 202010164 Building Name BOH Shaded Areas are for Laboratory Use Only!

Client Geo Bancroft Project Name FACT CLINIC Contact Person Geo Bancroft Contact Person Phone \_\_\_\_\_

Address \_\_\_\_\_ Other Information \_\_\_\_\_

Verbal results relayed to \_\_\_\_\_ Verbal results relayed by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Phone, Fax No. or E-Mail \_\_\_\_\_ TAT (circle) 6 hr (1d) 2d 3d 4d Specify \_\_\_\_\_

Sample #	Work Area or Phase #	Comments / Location	Sample type or Material code	Volume	Matrix type			Analysis requested			Filter type					
					Air	Bulk	Dust	PCM	PLM	TEM	Other	MCE	.8 um	.45 um		
01	195D's	Foundation Wall Damp Proofing			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
02	192A	Foundation Wall Damp Proofing			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
03	197C's	Foundation Wall Damp Proofing			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04	Rm 129	12'x12' Flooring Material - NATW/MARCON			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05	1	2x2 Ceiling Tile - ISSUES W/ NAIL Holes			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06	1	Textured Ceiling Paint			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The MN Department of Health Alternative Indoor Air Standard for this project is: \_\_\_\_\_ FCC: \_\_\_\_\_ Batch Number: \_\_\_\_\_

Sampled by WJ Date 5/20 Time 9:40AM Delivered by Chad Whelan Date 5/12 Time \_\_\_\_\_

Received by WJ Date 5/20 Time 9:40AM Delivered by Chad Whelan Date 5/12 Time \_\_\_\_\_

Entered by WJ Date 5/20 Time 1:00PM Delivered by \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Acceptable?  Yes  No

OB



# EMSL Analytical, Inc.

3410 Winnetka Avenue North New Hope, MN 55427

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com> / [minneapolislab@emsl.com](mailto:minneapolislab@emsl.com)

<b>EMSL Order:</b> 352004240
<b>Customer ID:</b> IFEA50
<b>Customer PO:</b>
<b>Project ID:</b>

<b>Attention:</b> Jennifer Theis Inst. For Environmental Assessment 9201 West Broadway Suite 600 Brooklyn Park, MN 55445 <b>Project:</b> 202010164 B04	<b>Phone:</b> (763) 315-7900 <b>Fax:</b> (763) 315-7920 <b>Received Date:</b> 05/01/2020 1:00 PM <b>Analysis Date:</b> 05/01/2020 <b>Collected Date:</b>
---	--

## 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
050120BD-01 352004240-0001	1950's - FOUNDATION WALL DAMP PROOFING	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-02 352004240-0002	1924 - FOUNDATION WALL DAMP PROOFING	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-03 352004240-0003	1970's - FOUNDATION WALL DAMP PROOFING	Black/Beige Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-04-Floor Tile 352004240-0004	Rm 129 - 12"X12" FLOOR TILE/MASTIC - WHTWMAROON	Tan Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-04-Black Mastic 352004240-0004A	Rm 129 - 12"X12" FLOOR TILE/MASTIC - WHTWMAROON	Black Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-04-Tan Mastic 352004240-0004B	Rm 129 - 12"X12" FLOOR TILE/MASTIC - WHTWMAROON	Tan Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-04-Brown Mastic 352004240-0004C	Rm 129 - 12"X12" FLOOR TILE/MASTIC - WHTWMAROON	Brown Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-04-Level er 352004240-0004D	Rm 129 - 12"X12" FLOOR TILE/MASTIC - WHTWMAROON	Gray Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
050120BD-05 352004240-0005	Rm 129 - 2'X2' CEILING TILE - FISSURES W/NAIL HOLES	Tan Fibrous Heterogeneous	40% Cellulose 40% Glass	10% Perlite 10.0% Non-fibrous (Other)	None Detected
050120BD-06 352004240-0006	Rm 129 - TEXTURED CEILING PAINT	Tan Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-D, Colorado AL-24478

Initial report from: 05/01/2020 17:28:35



**EMSL Analytical, Inc.**

3410 Winnetka Avenue North New Hope, MN 55427  
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**EMSL Order:** 352004240  
**Customer ID:** IFEA50  
**Customer PO:**  
**Project ID:**

**Attention:** Jennifer Theis  
Inst. For Environmental Assessment  
9201 West Broadway  
Suite 600  
Brooklyn Park, MN 55445  
**Project:** 202010164 B04

**Phone:** (763) 315-7900  
**Fax:** (763) 315-7920  
**Received Date:** 05/01/2020 1:00 PM  
**Analysis Date:** 05/01/2020  
**Collected Date:**

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.


**Report Comments:**

Sample Receipt Date: 05/01/2020                      Sample Receipt Time: 1:00 PM  
Analysis Completed Date: 05/01/2020                      Analysis Completed Time: 4:51 PM

**Analyst(s):**

  
\_\_\_\_\_  
Rachel Travis PLM (10)

**Samples Reviewed and approved by:**

  
\_\_\_\_\_  
Rachel Travis, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. 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 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. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. 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. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-D, Colorado AL-24478

Initial report from: 05/01/2020 17:28:35



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Mountain Iron, MN 55768  
218-410-9521

[www.ieasafety.com](http://www.ieasafety.com)  
Institute for Environmental Assessment, Inc.  
A Minnesota Corporation

# William Dold

has attended and satisfactorily completed a

Refresher Training Course


## Asbestos Inspector

Permitted by the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722. Course also complies with the Requirements of TSCA Title II Section 206.

COURSE LOCATION: Brooklyn Park, Minnesota  
COURSE DATE: October 4, 2019  
EXAM DATE: 10/4/2019  
CERTIFICATE NO.: IEA-100419-IR-05  
EXPIRATION DATE: 10/4/2020

  
Matt Lindberg  
Trainer



  
Director, Env. Health Div.

**m** ASBESTOS  
DEPARTMENT OF HEALTH INSPECTOR

**Certified by:**  
**State of Minnesota**  
**Department of Health**  
**Expires: 10/04/2020**

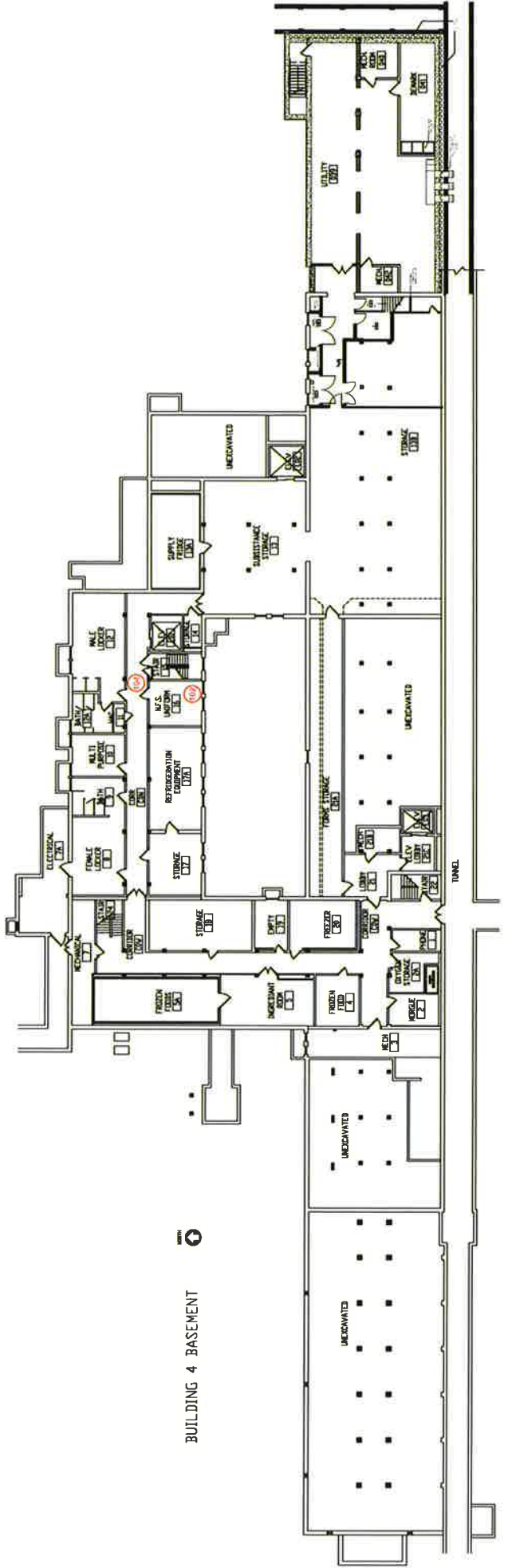
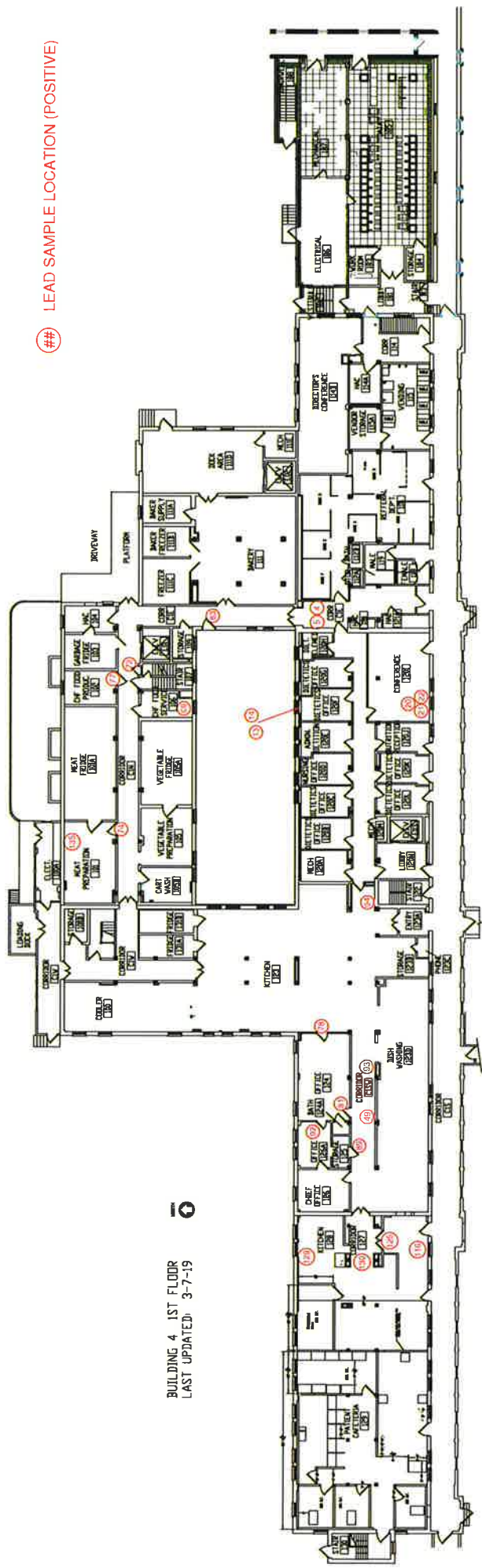
**William J Dold**  
**11426 Norway St NW**  
**Coon Rapids, MN 55433**

No. AI2355      Issued: 10/11/2019

# XRF Lead-Based Report



## LEAD SAMPLE LOCATION (POSITIVE)





**SCVAMC Building 4**  
**XRF Results**

Reading No	Time	Duration	Component	Substrate	Color	Condition	Side	Room	Results	Depth Index	Action Level	PbC	PbC Error
1	3/26/2020 9:19	10.48	Calibration		Red				Positive	1.12	1	1.1	0.1
2	3/26/2020 9:20	4.35	Calibration		Red				Positive	1.18	1	1.2	0.2
3	3/26/2020 9:21	10.43	Calibration		Red				Positive	1.1	1	1.1	0.1
4	3/26/2020 10:41	1.3	Wall	Glazed Block	Green	Intact	East	HALL BY 121	Positive	1.77	1	2.5	1.4
5	3/26/2020 10:42	0.86	Wall	Glazed Block	Green	Intact	West	HALL C1E	Positive	2.63	1	4.8	3.5
6	3/26/2020 10:45	12.97	Baseboard	Plaster	Brown	Intact	West	HALL C1E	Negative	2.23	1	0.1	0.04
7	3/26/2020 10:46	1.3	Wall	Ceramic	White	Intact	West	HALL C1E	Negative	1	1	0.01	0.05
8	3/26/2020 10:49	3.05	Wall	Drywall	White	Intact	North	120F	Negative	1	1	0	0.02
9	3/26/2020 10:49	3.04	Wall	Drywall	Blue	Intact	West	120F	Negative	1	1	0	0.02
10	3/26/2020 10:49	2.18	Wall	Drywall	White	Intact	East	120F	Negative	1	1	0	0.02
11	3/26/2020 10:50	3.02	Wall	Drywall	White	Intact	South	120F	Negative	1	1	0	0.02
12	3/26/2020 10:50	1.3	Door Frame	Metal	Brown	Intact	South	120F	Negative	1	1	0	0.02
13	3/26/2020 10:51	1.3	Window Frame	Metal	White	Intact	North	120F	Positive	3.76	1	2.7	1.5
14	3/26/2020 10:51	0.87	Window Grid	Metal	White	Intact	North	120F	Positive	10	1	14.3	12.2
15	3/26/2020 10:56	3.46	Wall	Plaster	White	Intact	North	HALL C1E	Negative	1	1	0	0.02
16	3/26/2020 10:56	1.74	Wall	Drywall	White	Intact	North	HALL C1E	Negative	1	1	0	0.02
17	3/26/2020 10:57	1.75	Wall	Drywall	White	Intact	South	HALL C1E	Negative	1	1	0	0.02
18	3/26/2020 10:57	1.3	Door Frame	Metal	Brown	Intact	West	HALL C1E	Negative	1	1	0	0.02
19	3/26/2020 10:59	1.29	Door Frame	Metal	Brown	Intact	North	120I	Negative	1	1	0	0.02
20	3/26/2020 11:00	1.3	Window Frame	Wood	White	Intact	South	120I	Positive	10	1	10.4	6.1
21	3/26/2020 11:00	1.3	Window Grid	Wood	White	Intact	South	120I	Positive	10	1	9.5	5.7
22	3/26/2020 11:01	0.87	Window Sill	Wood	White	Intact	South	120I	Positive*	10	1	17.4	14.3
23	3/26/2020 11:04	4.33	Column	Plaster	White	Intact	West	120I	Negative	1	1	0	0.02
24	3/26/2020 11:05	2.18	Wall	Drywall	White	Intact	West	120I	Negative	1	1	0	0.02
25	3/26/2020 11:05	1.74	Wall	Plaster	White	Intact	South	120I	Negative	6.95	1	0.3	0.54
26	3/26/2020 11:05	4.31	Wall	Plaster	White	Intact	East	120I	Negative	1	1	0	0.02
27	3/26/2020 11:12	1.3	Radiator	Metal	Brown	Intact	North	120D	Negative	1	1	0	0.02
28	3/26/2020 11:13	2.6	Wall	Drywall	White	Intact	North	120D	Negative	1	1	0	0.02
29	3/26/2020 11:13	3.48	Wall	Drywall	White	Intact	South	120D	Negative	1	1	0	0.02
30	3/26/2020 11:14	3.48	Wall	Drywall	White	Intact	North	120L	Negative	1	1	0	0.02
31	3/26/2020 11:14	4.35	Wall	Drywall	Tan	Intact	East	120L	Negative	1	1	0	0.02
32	3/26/2020 11:16	6.47	Wall	CMU	White	Intact	South	120M	Negative	1	1	0	0.02
33	3/26/2020 11:17	1.3	Ceiling	Plaster	White	Intact	120L	Negative	3.29	1	0.15	0.28	
34	3/26/2020 11:18	4.35	Ceiling	Plaster	White	Intact	120M	Negative	1	1	0	0.02	
35	3/26/2020 11:19	2.61	Ceiling	Plaster	White	Intact	120J	Negative	1	1	0	0.02	
36	3/26/2020 11:20	2.61	Wall	Drywall	Gray	Intact	East	120J	Negative	1	1	0	0.02
37	3/26/2020 11:20	5.64	Wall	Plaster	White	Intact	South	120J	Negative	1	1	0	0.02
38	3/26/2020 11:24	4.77	Calibration		Red				Positive	1.12	1	1.1	0.1
39	3/26/2020 11:24	1.73	Calibration		Red				Positive	1.12	1	1	0.4
40	3/26/2020 11:24	3.9	Calibration		Red				Positive	1.22	1	1.2	0.2
41	3/26/2020 11:26	2.62	Wall	Drywall	White	Intact	North	120B	Negative	1	1	0	0.02
42	3/26/2020 11:31	2.17	Ceiling	Plaster	White	Intact	120A	Negative	1	1	0	0.02	
43	3/26/2020 11:31	1.73	Wall	Drywall	White	Intact	North	120A	Negative	1	1	0	0.02
44	3/26/2020 11:40	3.88	Floor	Ceramic	Brown	Intact		KITCHEN 123	Negative	1	1	0	0.02
45	3/26/2020 11:41	7.39	Wall	Ceramic	White	Intact	South	KITCHEN 123	Negative	3.1	1	0.02	0.04
46	3/26/2020 11:41	1.3	Wall	Ceramic	White	Intact	South	KITCHEN 123	Negative	1.14	1	0.01	0.08
47	3/26/2020 11:42	6.97	Wall	Ceramic	Gray	Intact	South	KITCHEN 123	Negative	1	1	0	0.02
48	3/26/2020 11:42	4.79	Wall	Glazed Block	Yellow	Intact	South	KITCHEN 123	Negative	1.98	1	0.8	0.2
49	3/26/2020 11:43	5.23	Wall	Glazed Block	Tan	Intact	South	KITCHEN 123	Positive	1.72	1	1.2	0.2
50	3/26/2020 11:46	1.3	Door	Metal	Brown	Intact	South	KITCHEN 123	Negative	2.86	1	0.2	0.28
51	3/26/2020 11:46	1.3	Door Frame	Metal	Brown	Intact	South	KITCHEN 123	Negative	3.45	1	0.04	0.15
52	3/26/2020 11:48	3.47	Wall	Plaster	White	Intact	North	123D	Negative	2.42	1	0.03	0.04
53	3/26/2020 12:12	6.52	Wall	Glazed Block	Yellow	Intact	North	HALL C1N	Negative	2.11	1	0.7	0.2
54	3/26/2020 12:12	1.29	Column	Plaster	Yellow	Intact	North	HALL C1N	Negative	3.29	1	0.04	0.14
55	3/26/2020 12:13	6.5	Floor	Ceramic	Red	Intact		HALL C1N	Negative	1	1	0	0.02
56	3/26/2020 12:13	4.36	Ceiling	Plaster	White	Intact		HALL C1N	Negative	7.33	1	0.14	0.16
57	3/26/2020 12:14	1.3	Door Frame	Metal	Brown	Intact	West	HALL C1N	Negative	2.35	1	0.06	0.14
58	3/26/2020 12:15	16.96	Floor	Ceramic	Gray	Intact		105B	Negative	2.32	1	0.05	0.02
59	3/26/2020 12:16	3.47	Wall	Ceramic	Gray	Intact	East	105B	Negative	1	1	0	0.02
60	3/26/2020 12:19	5.62	Floor	Ceramic	Red	Intact	East	105A	Negative	1	1	0	0.02
61	3/26/2020 12:20	2.17	Ceiling	Concrete	White	Intact		105A	Negative	1.12	1	0.01	0.03
62	3/26/2020 12:20	3.47	Wall	Concrete	White	Intact	North	105A	Negative	3.25	1	0.01	0.03
63	3/26/2020 12:25	3.47	Wall	Ceramic	Brown	Intact		105	Negative	2.71	1	0.01	0.04
64	3/26/2020 12:26	6.93	Floor	Ceramic	Brown	Intact		105	Negative	1	1	0	0.02
65	3/26/2020 12:26	15.23	Wall	Ceramic	Beige	Intact	South	105	Negative	1	1	0	0.02
66	3/26/2020 12:27	1.29	Radiator	Metal	White	Intact	South	105	Negative	5.25	1	0.25	0.45
67	3/26/2020 12:27	1.3	Door Frame	Wood	Brown	Intact	East	105	Negative	2.04	1	0.08	0.15
68	3/26/2020 12:29	4.76	Wall	Plaster	White	Intact	West	106	Negative	2.13	1	0.03	0.04
69	3/26/2020 12:30	1.3	Window Frame	Metal	White	Intact	South	106	Positive	10	1	10.3	5.9
70	3/26/2020 12:30	3.49	Ceiling	Plaster	White	Intact		106	Negative	2.33	1	0.02	0.03
71	3/26/2020 12:32	10.41	Wall	Plaster	Red	Intact	South	C1N FIRE CLOSET	Negative	1.07	1	0.5	0.1
72	3/26/2020 12:34	4.33	Door	Wood	Brown	Intact	South	C1N FIRE CLOSET	Positive	3.23	1	1.4	0.3
73	3/26/2020 12:35	4.35	Door	Metal	Brown	Intact	South	107	Negative	3.06	1	-0.08	0.97
74	3/26/2020 12:39	9.09	Door	Metal	Brown	Intact	South	101	Positive	5.39	1	1.3	0.3
75	3/26/2020 12:42	3.45	Wall	Plaster	Gray	Intact	East	102	Negative	7.95	1	0.06	0.13
76	3/26/2020 12:44	1.3	Door Frame	Metal	Brown	Intact	North	102	Negative	1.54	1	0.04	0.08
77	3/26/2020 12:45	4.33	Door	Wood	Brown	Intact	South	102	Positive	4.44	1	1.4	0.4
78	3/26/2020 12:47	9.99	Door	Wood	Brown	Intact	East	124	Positive	4.09	1	1.3	0.2
79	3/26/2020 12:48	1.3	Door Frame	Metal	Brown	Intact	East	124	Negative	1.75	1	0.09	0.14

**SCVAMC Building 4**  
**XRF Results**

Reading No	Time	Duration	Component	Substrate	Color	Condition	Side	Room	Results	Depth Index	Action Level	PbC	PbC Error
80	3/26/2020 12:48	1.31	Door	Metal	Brown	Intact	West	123	Negative	1	1	0	0.02
81	3/26/2020 12:50	5.64	Door	Wood	Brown	Intact	West	124	Positive	5.49	1	1.4	0.4
82	3/26/2020 12:52	3.44	Wall	Plaster	White	Intact	West	107	Negative	2.97	1	0.07	0.07
83	3/26/2020 12:58	4.33	Door	Wood	Brown	Intact	East	Courtyard	Positive	4.31	1	1.5	0.4
84	3/26/2020 12:59	3.47	Wall	Brick	White	Intact	East	Courtyard	Negative	6.48	1	0.22	0.2
85	3/26/2020 12:59	1.3	Door Frame	Wood	Brown	Intact	East	Courtyard	Negative	2.68	1	0.21	0.29
86	3/26/2020 13:00	3.48	Wall	Plaster	White	Intact	North	Courtyard	Negative	1	1	0	0.02
87	3/26/2020 13:01	1.31	vent	Metal	Brown	Intact	South	Courtyard	Negative	1	1	0	0.03
88	3/26/2020 13:02	1.3	Railing	Metal	Brown	Intact	East	Courtyard	Negative	1.36	1	0.03	0.07
89	3/26/2020 13:07	3.92	Door	Wood	Brown	Intact		125	Positive	4.71	1	1.8	0.5
90	3/26/2020 13:08	1.3	Door	Wood	Brown	Intact		126	Negative	1	1	0	0.03
91	3/26/2020 13:09	1.3	Door	Wood	Brown	Intact	East	126	Negative	1	1	0	0.03
92	3/26/2020 13:10	7.35	Door	Wood	Brown	Intact	West	124	Positive	3.93	1	1.3	0.3
93	3/26/2020 13:14	3.48	Cabinet	Metal	Brown	Intact	South	123	Positive	10	1	3.1	1.7
94	3/26/2020 13:15	0.87	Cabinet	Metal	Red	Intact	South	123	Positive	1.92	1	4.1	2.3
95	3/26/2020 13:24	8.65	Wall	Plaster	White	Intact	South	COW	Negative	7.55	1	0.1	0.1
96	3/26/2020 13:24	5.62	Baseboard	Ceramic	Red	Intact	South	COW	Negative	1	1	0	0.02
97	3/26/2020 13:27	5.62	Wall	Plaster	White	Intact	North	19A	Negative	1	1	0	0.02
98	3/26/2020 13:29	3.91	Wall	Concrete	White	Intact	South	16	Negative	5.31	1	0.08	0.1
99	3/26/2020 13:30	4.75	Ceiling	Concrete	White	Intact		16	Negative	1.75	1	0.02	0.02
100	3/26/2020 13:30	3.89	Wall	Clay Block	White	Intact	East	16	Negative	2.06	1	0.01	0.02
101	3/26/2020 13:31	3.9	Baseboard	Metal	Brown	Intact	North	16	Negative	2.09	1	0.06	0.05
102	3/26/2020 13:32	0.87	Duct	Metal	Gray	Intact		16	Positive	2.27	1	7.2	4.4
103	3/26/2020 13:33	1.31	Window	Wood	Gray	Intact	South	16	Negative	1.2	1	0.24	0.19
104	3/26/2020 13:34	3.48	Duct	Metal	White	Intact		COW	Positive	8.96	1	3.2	1.4
105	3/26/2020 13:44	9.98	Calibration		Red				Positive	1.1	1	1.1	0.1
106	3/26/2020 13:45	10.38	Calibration		Red				Positive	1.12	1	1.1	0.1
107	3/26/2020 13:45	12.6	Calibration		Red				Positive	1.1	1	1.1	0.1
108	5/1/2020 9:28	9.86	Calibration		Red				Positive	1.09	1	1.1	0.1
109	5/1/2020 9:29	10.3	Calibration		Red				Positive	1.1	1	1.1	0.1
110	5/1/2020 9:29	3.72	Calibration		Red				Positive	1.17	1	1.2	0.2
111	5/1/2020 9:31	10.74	Wall	Plaster	White	Intact	South	129	Negative	9.37	1	0.3	0.61
112	5/1/2020 9:31	2.06	Wall	Ceramic	White	Intact	East	129	Negative	1	1	0	0.02
113	5/1/2020 9:32	13.96	Baseboard	Concrete	Brown	Intact	East	129	Negative	3.64	1	0.6	0.1
114	5/1/2020 9:33	1.23	Door	Wood	Stain	Intact	South	129	Negative	1.93	1	0.01	0.06
115	5/1/2020 9:34	1.22	Door Frame	Metal	Brown	Intact	South	129	Negative	1	1	0	0.02
116	5/1/2020 9:34	1.23	Window	Wood	White	Intact	South	129	Positive	10	1	8.3	5.4
117	5/1/2020 9:34	4.53	Window Frame	Wood	White	Intact	South	129	Negative	4.34	1	0.18	0.13
118	5/1/2020 9:35	1.23	Window Sill	Wood	White	Intact	South	129	Negative	1	1	0	0.02
119	5/1/2020 9:35	2.07	Wall	Drywall	White	Intact	West	129	Negative	1	1	0	0.02
120	5/1/2020 9:36	1.24	Wall	Ceramic	White	Intact	North	128	Negative	1	1	0	0.05
121	5/1/2020 9:37	2.06	Wall	Plaster	White	Intact	West	128	Negative	1	1	0	0.02
122	5/1/2020 9:37	2.47	Wall	Drywall	White	Intact	West	128	Negative	1	1	0	0.02
123	5/1/2020 9:38	3.28	Ceiling	Plaster	White	Intact		128	Negative	4.13	1	0.11	0.11
124	5/1/2020 9:38	3.29	Floor	Ceramic	Brown	Intact		128	Negative	1	1	0	0.02
125	5/1/2020 9:39	3.7	Door	Wood	Brown	Intact	South	128	Positive	6.19	1	2	0.7
126	5/1/2020 9:39	1.23	Door Frame	Metal	Brown	Intact	South	128	Negative	5.95	1	0.13	0.38
127	5/1/2020 9:39	1.24	Door Frame	Metal	Brown	Intact	East	128	Negative	1	1	0	0.02
128	5/1/2020 9:40	1.23	Door	Metal	Brown	Intact	East	128	Negative	1	1	0	0.02
129	5/1/2020 9:40	1.24	Window	Wood	White	Intact	North	128	Positive	10	1	5.7	4.5
130	5/1/2020 9:51	0.42	Duct	Metal	Orange	Intact		128	Positive	1.37	1	7.4	5.3
131	5/1/2020 9:54	1.24	Wall	Metal	Brown	Intact	North	128	Negative	1	1	0.01	0.03
132	5/1/2020 10:08	3.29	Wall	Concrete	White	Intact	North	18	Negative	1.48	1	0	0.02
133	5/1/2020 10:08	3.31	Floor	Ceramic	Red	Intact		18	Negative	1	1	0	0.02
134	5/1/2020 10:09	1.65	Ceiling	Concrete	White	Intact		18	Negative	1	1	0	0.02
135	5/1/2020 10:17	1.24	Wall	Glazed Block	Green	Intact	North	101	Positive	1.58	1	2.2	1.2
136	5/1/2020 10:17	5.77	Floor	Glazed Block	Brown	Intact		101	Negative	1	1	0	0.02
137	5/1/2020 10:18	3.3	Ceiling	Plaster	White	Intact		101	Negative	4.55	1	0.05	0.08
138	5/1/2020 10:18	2.08	Wall	Drywall	Green	Intact	North	101	Negative	1	1	0	0.02
139	5/1/2020 10:19	1.66	Radiator	Metal	White	Intact	North	101	Negative	4.68	1	0.24	0.36
140	5/1/2020 10:19	1.24	Door Frame	Wood	Brown	Intact	East	101	Negative	2.98	1	0.14	0.26
141	5/1/2020 10:35	11.55	Calibration		Red				Positive	1.17	1	1.1	0.1
142	5/1/2020 10:36	20	Calibration		Red				Positive	2.65	1	1.1	0.1
143	5/1/2020 10:36	10.31	Calibration		Red				Positive	1.12	1	1.1	0.1

The standard established by the Minnesota Department of Health (MDH) for lead in paint is 1.0 mg/cm<sup>2</sup>

**Branden Voigt**

Has completed the Minnesota-Approved Lead Training Course entitled:

**Lead Risk Assessor Refresher Training**

**January 7, 2020**

given by

**Midwest Environmental Consulting, L.L.C.**

125 Railroad Avenue SW, Mora MN 55051

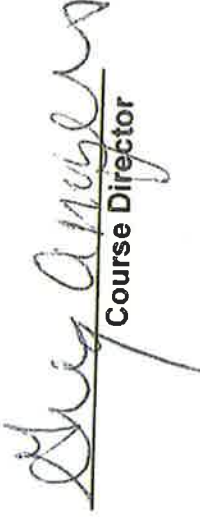
Phone: 763-691-0111/320-679-4054

**SUCCESSFULLY PASSES THE EXAMINATION ON January 7, 2020 IN COON RAPIDS, MINNESOTA**

**DIPLOMA/CERTIFICATE NUMBER: MEC/LRAR 1461**

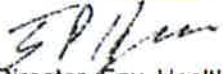
**Expiration Date: January 7, 2021**

**MDH Permit Number: RAR-006**

  
Course Director

*Approved by the State of Minnesota under Minnesota Rules, parts 4761.2000 to 4761.2700*



  
Director, Env. Health Div.

**m** LEAD  
DEPARTMENT OF HEALTH **Risk Assessor**

Licensed by:  
State of Minnesota  
Department of Health  
License No. LR3877  
Expires 01/07/2021

**Branden D Voigt**  
15784 Okapi St NW  
Ramsey, MN 55303