

Nick Rosenthal Ramsey County 90 W Plato Blvd. Saint Paul, MN 55107

RE: 1799 York Avenue, St. Paul, Minnesota

Asbestos, Lead, and Hazardous Materials Inspection

IEA Project #201910288

Dear Nick:

As follows, please find the Asbestos, Lead and Hazardous Materials Inspection Report for the above-referenced location.

If you have any questions or require further assistance, please do not hesitate to contact me at 763-315-7900.

Sincerely,

IEA, Inc.

Collin Nelson

Senior Project Manager

CN/wb 032619

Enc.

cc File

ASBESTOS, LEAD & HAZARDOUS MATERIALS INSPECTION PROFILE

Single Family Residence 1799 York Avenue St. Paul, Minnesota 55119

March 26, 2019

Submitted to:

Nick Rosenthal Ramsey County

Submitted by: Institute for Environmental Assessment 9201 West Broadway North, Suite 600 Brooklyn Park, MN 55445-1922

763-315-7900 / 800-233-9513

IEA Project #201910288

INDEX

SECTION I

Asbestos Summary and Inspection Report

SECTION II

Asbestos Sample Locations Drawing

SECTION III

Asbestos Laboratory Report

SECTION IV

Lead-Based Paint Inspection Summary

SECTION V

■ Lead-Based Paint Inspection Report

SECTION VI

Hazardous Material Inventory Summary

SECTION VII

Asbestos and Lead Risk Assessor's Licenses

SECTION I Asbestos Summary and Inspection Report

Asbestos Summary Single Family Residence 1799 York Avenue St. Paul. Minnesota 55119

On March 19, 2019, an inspection for asbestos-containing materials (ACM) was performed at the above-referenced location. The scope of the inspection included all suspect ACM within the single-family residence (the Building).

Please note that there was limited visibility of the basement floor due to ice coverage. Also, there was limited visibility of the Building exterior and landscaping due to snow coverage.

ACM materials were not identified during the inspection

Specific locations of the suspect materials which were analyzed and were found not to contain asbestos, are identified in the attached report.

This inspection meets the requirements of the Minnesota Pollution Control Agency (MPCA) and Minnesota OSHA (MNOSHA) for an asbestos demolition/renovation inspection.

Bulk samples of accessible suspect material were collected and analyzed in accordance with Environmental Protection Agency (EPA) sampling and analytical procedure requirements. Sampling was conducted in a manner determined by the inspector to be sufficient to identify whether the suspect materials are asbestos containing.

The purpose of the inspection was to identify all suspect materials that may contain asbestos prior to demolition. Any suspect materials not identified on the survey that are uncovered prior to demolition should be assumed to contain asbestos or sampled.

Please note, the detached garage and shed were locked and inaccessible at the time of the inspection and therefore are not included in this report.

GENERAL COMMENTS

The analysis and opinions expressed in this report are based upon data obtained from Ramsey County at the indicated locations. This report does not reflect variations in conditions that may occur across the site, property, or facility. Actual conditions may vary and may not become evident without further assessment.

The report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted practices. Other than as provided in the preceding sentence and in our Proposal #7911 dated March 11, 2019, regarding Hazardous Materials Assessments at the Building including the General Conditions attached thereto, no warranties are extended or made.

Table I: Asbestos Inspectional Results Institute of Environmental Assessment, Inc. 9201 West Broadway Avenue, Suite 600 Brooklyn Park, MN 55445 763-315-7900

Client: Ramsey County

Date of Survey: March 19, 2019

Project No.: 201910288

Location: 1799 York Avenue, St. Paul, Minnesota

Location	Suspect Material Identification	Estimated Quantity ¹	Condition ²	Homogenous Area Sample #3	ACM ⁴ (Yes or No)	Category ⁵
Basement - Utility Room	Sheetrock/Joint Compound	100 sq	ND	Ref 031919CN-06	No	-
Basement - Othity Room	Mortar Patch	2 sq	ND	031919CN-02	No	
	Sheetrock/Joint Compound	50 sq	D	031919CN-06	No	-
Basement - Storage	2'x4' Ceiling Tile - Pinhole Pocked	16 sq	ND	031919CN-03	No	
	Tar Paper (on wall)	60 sq	D	031919CN-04	No	
	Duroc Cement Board	100 sq	ND	031919CN-07	No	
Basement - Bathroom	Tile Mortar & Grout	100 sq	ND	031919CN-05	No	
	Silicon Caulk	24 ln	ND	031919CN-08	No	
Basement - Photo Area	Sheetrock/Joint Compound	500 sq	ND	Ref 031919CN-06	No	
Dasement - Filoto Area	Ceiling Texture	150 sq	ND	031919CN-09, 10, 11	No	
1st Floor - Throughout	Subfloor Underlayment	625 sq	ND	031919CN-01	No	
1st Floor - Throughout	Plaster	1000 sq	ND	Ref 031919CN-19	No	
1st Floor - Porch	Window Glazing	40 ln	ND	031919CN-12	No	
	Knock-down Ceiling/Wall Texture	500 sq	D	031919CN-13, Ref 14, 15, 16, 17	No	
1st Floor - Living Room	Duroc Cement Board	15 sq	ND	Ref 031919CN-07	No	
1st Floor - Living Room	16" Ceramic Floor Tile System Grout & Thinset	140 sq	ND	031919CN-29	No	
	Sheetrock/Joint Compound	500 sq	ND	Ref 031919CN-06	No	
	Sheetrock/Joint Compound	600 sq	ND	Ref 031919CN-06	No	
1st Floor - Kitchen/Hall	Knock-down Ceiling/Wall Texture	200 sq	D	031919CN-14, Ref 13, 15, 16, 17	No	
1st Floor - Kitchen/Hall	16" Ceramic Floor Tile System Grout & Thinset	200 sq	ND	Ref 031919CN-29	No	
	Tile Mortar & Grout	20 sq	ND	Ref 031919CN-05	No	
1st Floor - Dining Room	Sheetrock/Joint Compound	400 sq	ND	Ref 031919CN-06	No	
1st Floor - Dilling Room	Knock-down Ceiling/Wall Texture	170 sq	ND	031919CN-15, Ref 13, 14, 16, 17	No	
	Sheetrock/Joint Compound	30 sq	ND	Ref 031919CN-06	No	
1st Floor - Bathroom	Duroc Cement Board	100 sq	ND	Ref 031919CN-07	No	
15t Fioot - Daniioolii	Cement Board	15 sq	ND	031919CN-30	No	
	Fiber Mud	15 sq	ND	031919CN-31	No	

Location	Suspect Material Identification	Estimated Quantity ¹	Condition ²	Homogenous Area Sample #3	ACM ⁴ (Yes or No)	Category ⁵
	Plaster	350 sq	ND	031919CN-19	No	
2nd Floor - Bedroom 1	Knock-down Ceiling/Wall Texture	150 sq	ND	031919CN-16, Ref 13, 14, 15, 17	No	
Ziid Pioor - Bedroom i	Sheetrock/Joint Compound	100 sq	ND	Ref 031919CN-06	No	
	Sheet Flooring	40 sq	ND	Ref 031919CN-18	No	
	Plaster	350 sq	ND	Ref 031919CN-19	No	
2nd Floor - Bedroom 2	Knock-down Ceiling/Wall Texture	150 sq	ND	031919CN-17, Ref 13, 14, 15, 16	No	
	Sheetrock/Joint Compound	20 sq	ND	Ref 031919CN-06	No	
2nd Floor - Throughout	Subfloor Underlayment	625 sq	ND	Ref 031919CN-01	No	
In Walls	Cellulose Insulation	2000 sq	D	031919CN-20, 21, 22	No	
iii waiis	Miscellaneous Insulation	500 sq	D	031919CN-23, 24, 25	No	
Roof	Shingles	1500 sq	ND	031919CN-26	No	
Exterior	Vapor Barrier - Tar Paper	2000 sq	ND	031919CN-27	No	
Exterior	Caulk	2 ln	ND	031919CN-28	No	

¹ Visually estimated quantities: sq = square feet In = linear feet ea = each cu = cubic feet

² Condition: ND = Not Damaged D = Damaged SD = Significantly Damaged

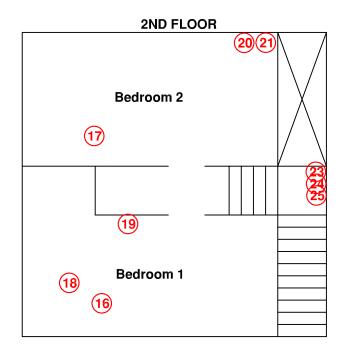
³ Samples representative of that homogenous area (homogenous areas are defined as areas of surfacing materials, thermal system insulation materials or other miscellaneous materials which upon examination for properties such as age, color, size, and texture appear to be composed of the same material) but not physically collected in the referenced location are designated as "Ref" samples. Sample numbers not designated "Reference" were physically collected within the identified area.

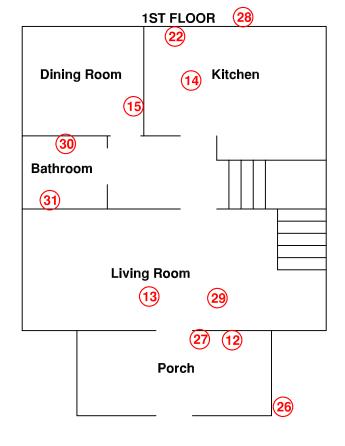
⁴ The MDH, OSHA, and EPA define Asbestos-Containing Material (ACM) as a material which contains greater than one percent asbestos by qualitative or quantitative analysis techniques. The EPA's National Emission Standard for Hazardous Air Pollutants (NESHAP) requires quantitative analysis, commonly referred to as a "point count", for all qualitative analysis results when asbestos is detected in concentrations less than ten percent. Under common practice, qualitative results greater than three and less than ten percent are often accepted to be ACM. Suspect ACM not sampled are "Assumed" to contain asbestos at quantities greater than one percent.

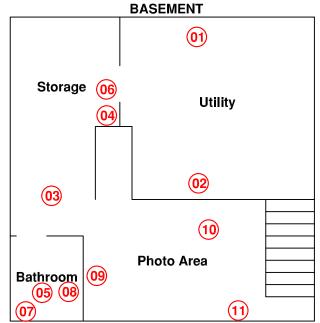
⁵ The EPA requires the identification of all suspect ACM to fall into one of the following categories (F) friable, (I) Category I and (II) Category II ACM.

SECTION II

Asbestos Sample Locations Drawing







SECTION III

Asbestos Laboratory Report



Customer PO: Project ID:

Attention: Jennifer Theis Phone: (952) 687-1427 Inst. For Environmental Assessment

Fax: (763) 315-7920 9201 West Broadway Received Date: 03/20/2019 8:00 AM Analysis Date: 03/22/2019 - 03/25/2019

Suite 600 Brooklyn Park, MN 55445 **Collected Date:** 03/19/2019

Project: 201910288- 1799 York Ave

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

			Non-A	<u>Asbestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
031919CN-01 351901680-0001	Throughout 1st FI, Floor Underlayment	Black Fibrous Heterogeneous	45% Cellulose	55.0% Non-fibrous (Other)	None Detected
031919CN-02 351901680-0002	Bsmt Utility, Mortar Patch	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
031919CN-03 351901680-0003	Bsmt Storage, 2'x4' ceiling Tile- Pinhole Pocked	Tan/White Fibrous Homogeneous	70% Cellulose 10% MinWool	10% Perlite 10.0% Non-fibrous (Other)	None Detected
031919CN-04 351901680-0004	Bsmt Storage, Tar Paper on wall	Black Fibrous Homogeneous	20% Glass	80.0% Non-fibrous (Other)	None Detected
031919CN-05-Morta r 351901680-0005	Bsmt Bath, Tile Mortar & Grout	Gray Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
031919CN-05-Grout 351901680-0005A	Bsmt Bath, Tile Mortar & Grout	Gray Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	None Detected
031919CN-06 351901680-0006	Bsmt Storage, Sheetrock/ Joint Compound	Tan/White Fibrous Heterogeneous	10% Cellulose	90.0% Non-fibrous (Other)	None Detected
			This is a composite result of sheetroo	ek and joint compound layers.	
031919CN-07 351901680-0007	Bsmt Bath, Durock	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
031919CN-08 351901680-0008	Bsmt Bath, Silicone Caulk	Clear Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
031919CN-09 351901680-0009	Bsmt Photo, Ceiling Texture	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



Customer PO: Project ID:

Attention: Jennifer Theis Phone: (952) 687-1427

 Inst. For Environmental Assessment
 Fax:
 (763) 315-7920

 9201 West Broadway
 Received Date:
 03/20/2019 8:00 AM

 Suite 600
 Analysis Date:
 03/22/2019 - 03/25/2019

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

			<u>Non</u>	-Asbestos	<u>Asbestos</u>	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
031919CN-10 351901680-0010	Bsmt Photo, Ceiling Texture	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-11 351901680-0011	Bsmt Photo, Ceiling Texture	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-12 351901680-0012	1st Fl Porch, Window Glazing	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-13 351901680-0013	1st FI Living, Knock-Down Texture	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-14 351901680-0014	1st FI Kitchen, Knock-Down Texture	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-15 351901680-0015	1st FI Dining, Knock-Down Texture	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-16 351901680-0016	2nd Fl Bed 1, Knock Down Texture	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-17 351901680-0017	2nd Fl Bed 2, Knock Down Texture	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected	
031919CN-18 351901680-0018	2nd Fl Bed 1, Sheet Flooring	Tan/White Fibrous Heterogeneous	10% Glass	90.0% Non-fibrous (Other)	None Detected	
031919CN-19 351901680-0019	2nd Fl Bed 1, Plaster	Gray Non-Fibrous Homogeneous	<1% Hair	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



Customer PO: Project ID:

Phone: (952) 687-1427

Fax: (763) 315-7920

Received Date: 03/20/2019 8:00 AM

Analysis Date: 03/22/2019 - 03/25/2019

Collected Date: 03/19/2019

Inst. For Environmental Assessment

9201 West Broadway

Suite 600

Attention: Jennifer Theis

Brooklyn Park, MN 55445 **Project:** 201910288- 1799 York Ave

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

			Non-A	<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
031919CN-20	2nd Fl Bed 2, Cellulose	Tan	98% Cellulose	2.0% Non-fibrous (Other)	None Detected	
351901680-0020	Insulation	Fibrous				
		Homogeneous				
031919CN-21	2nd Fl Bed 2, Cellulose	Tan	98% Cellulose	2.0% Non-fibrous (Other)	None Detected	
351901680-0021	Insulation	Fibrous				
		Homogeneous				
031919CN-22	1st Fl Kitch, Cellulose	Tan	98% Cellulose	2.0% Non-fibrous (Other)	None Detected	
351901680-0022	Insulation	Fibrous				
		Homogeneous				
031919CN-23	Stairs, Miscellaneous	Brown	98% Cellulose	2.0% Non-fibrous (Other)	None Detected	
351901680-0023	Insulation	Fibrous				
		Homogeneous				
031919CN-24	Stairs, Miscellaneous	Brown	98% Cellulose	2.0% Non-fibrous (Other)	None Detected	
351901680-0024	Insulation	Fibrous				
		Homogeneous				
031919CN-25	Stairs, Miscellaneous	Brown	98% Cellulose	2.0% Non-fibrous (Other)	None Detected	
351901680-0025	Insulation	Fibrous				
		Homogeneous				
031919CN-26	Roof, Shingles	Black	15% Cellulose	85.0% Non-fibrous (Other)	None Detected	
351901680-0026		Fibrous				
		Heterogeneous				
031919CN-27	Exterior, Vapor Barrier-	Black		100.0% Non-fibrous (Other)	None Detected	
351901680-0027	Tar Paper	Fibrous				
		Homogeneous				
031919CN-28	Exterior, Caulk	Clear		100.0% Non-fibrous (Other)	None Detected	
351901680-0028		Non-Fibrous				
		Homogeneous				
031919CN-29-Cera	1st FI Living Room, 16"	Red		100.0% Non-fibrous (Other)	None Detected	
mic Tile	Ceramic Floor Tile	Non-Fibrous				
351901680-0029	system Grout & Mortar	Homogeneous				

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



Customer PO: Project ID:

Attention: Jennifer Theis Phone: (952) 687-1427

 Inst. For Environmental Assessment
 Fax:
 (763) 315-7920

 9201 West Broadway
 Received Date:
 03/20/2019 8:00 AM

 Suite 600
 Analysis Date:
 03/22/2019 - 03/25/2019

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

			Non-A	<u>Asbestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
031919CN-29-Grout 351901680-0029A	1st Fl Living Room, 16" Ceramic Floor Tile system Grout & Mortar	Gray/Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
031919CN-29-Morta r 351901680-0029B	1st FI Living Room, 16" Ceramic Floor Tile system Grout & Mortar	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
031919CN-30 351901680-0030	1st FI Bath, Fiber mud	Gray Fibrous Homogeneous	10% Glass	90.0% Non-fibrous (Other)	None Detected
031919CN-31 351901680-0031	1st FI Bath, ceramic Board	Gray Fibrous Homogeneous	20% Cellulose	80.0% 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.



Customer PO: Project ID:

Attention: Jennifer Theis Phone: (952) 687-1427

Inst. For Environmental Assessment Fax: (763) 315-7920

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: 03/20/2019 Sample Receipt Time: 8:00 AM

Analysis Completed Date: 03/25/2019 Analysis Completed Time: 4:14 PM

Analyst(s):

Daniel Nordland PLM (28)

Lynn Scott PLM (6)

11/

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.

S LEAS

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

1680

CHAIN OF CUSTODY

Page _____ of _____

Client # Project #		Name <u> 79</u>	9 York	AN	1,					d Areas atory Us		
Client Ransey Cunty	Project	-/-		<u> </u>					<u> </u>			
Address	Contact I	Person (Mayor) د در 	Contact	Persor	Phone -				
	Other Inform	nation <u>Z</u>	Sant.	punce	11/							<u></u> _
Verbal results to	Phone, Fax No. or	E-Mail				ΓΑΤ (ci	rcle) 6	hr 1d 2	2d/3d/4d S	pecify		
Verbal results relayed to	Verbal results re	elayed by				Date	, ,,		Tim	ie		
Analysis location: On Site OLab ORegional Office O	Other			Matr	ix type	A	naly	sis reg	uested	Filt	er ty	<u>ype</u>
Work Area or Comments / Sample # Phase # Location	-	Sample type or Material code	Volume	Air	Bulk Dust	MJd	M	TEM	Other	MCE	.8 um	.45 um
0349101-01 Thousand & PI Flor Under lavoning				0	φο		5 4	0		0	0	0
-02 Bay William Morter Patch	1 . /			0	6 0	(5 d			0	0	0
	beked			0	ϕ \circ	(o d	0		0	0	0
-04 1 Tax Pailed on wall				0	ϕ	(\circ	0		0	0	0
-05 Dath Tile Worlar & Growt		<u> </u>		0	ϕ	(> ∮	0 _		0	0	0
-Ob Surve Sheetlock/ Sout langour		.		. 🔿	90	(o ¢	0 _		0	0	0
-07 Bach Durock	<u>-</u>	.		0	ϕ \circ	(> ¢	0 _		0	0	0
-08 1 - Silican / palk				0	ϕ	(> ∤	0 _		0	0	0
-09 Photo Clipy Textust		2-1051		0	p o	(o p	0 _		0	0	0
-(0) 1 1		7 1/		0	p o	(0 _		0	0	0
16 6 1		1/1/		0	p o	(0 _		0	0	0
12 let Porch Window Glazing				0	b o	(o Ko) 0 _		0	0	0
-B Lhing Knock-Down Texture		16/1		0	b o	(> t) 0 _		0	0	0
14 Kotches		$\lambda \lambda $	13-17	0	p o	(> F	0 _		0	0	0
-15 1 Gin, in		105 1		0	p o	() p	0 _		0	0	0
The MN Department of Health Alternative Indoor Air Standard for this pro-	ject is:	F/CC. Bat	tch Number:				Š	ımples A	cceptable?	O Yes	0	No
Sampled to Date Time Delivered by	Date Time	Received by	/ lab	Date	Tin	e E	ntered l	у		Date	Т	`ime
Received by 3 Date Time Delivered by 3 20 8-07 Am (db)	Date . Time	Analysis by		Date	Tin	e D	elivere	d by		Date		ime

Page

0£

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

CHAIN OF CUSTODY Page Zof Z

Client # Project #	101910289	В	uilding Na	me 17	99 Yark	Ry						d Areas atory Us		
Client Kansa Caushy			Project Na	ıme										
Address			Contact Per	son don	Nasa	2	C	ontact P	erson P	Phone				
		Oth	er Informat	tion	ontle	497 <					4		_	
Verbal results to	-	Phone, Fa	x No. or E	-Mail			T	AT (cire	cle) 6 h	r 1d 2d/	3d Ad S	pecify		
Verbal results relayed to		Verbal r	esults relay	yed by				Date			Tim	e		., -
Analysis location: On Site OLab	○Regional Office ○	Other	<u> </u>			<u>Matrix</u>	type	<u>A</u> ı	nalysi	is reque	ested	Filt	er ty	ype
Work Area or	Comments / Location	_		Sample type or	Volume	Air Bulk	Dust	PCM	PLM	TEM	Other	MCE	.8 um	.45 um
Sample # Phase #	1			Interial code	7.11	ϕ	0		_	0	Julio1		٠. ٥	٠.
13191901/16 24A Pal Knock-1	10W/ 1CKluy	·		5 los 14	3-17	0 d	0			° –			0	0
-19 Bed Sheet-Kle	10/1-0-	а,		<u> </u>	/	od	0	0	ľ	ŏ		0	0	0
-19 L Master						0 9	0	0	φ.	0		0	0	0
 	Tisulation			7-18st		0 9	0	0	ф	0	_	0	0	0
2/ 1	1			7 1/		$\circ \phi$	0	0	• ф	0		0	0	0
-22 14 RM	<i></i>) Kos		O	0	0	ф	o			0	0
	ous Insulation			1051		o p	0	0	ф	°		0	0	0
-74 1				(711			0	0	ф	o		0	0	0
-35 1				10		o p	0	0	ф	o		0	0	0
-26 1405 May (15						op	0	0	1	°		0	0	0
	ser-tar fager		 .				0	0	- 7	°		0	0	0
-28 1- Carly		1.610	<u> </u>			0 0	0	0		°		0	0	0
-79 SIA 1884 KVIM KOOM (6 Coranz Flor To	System	Woul	Wirth -		0 0	0	0	_	°		0	0	0
-31 Bally Congres Som			l			0 0	0	0	0	<u> </u>		0	0	0
The MN Department of Health Alternative Indo	or Air Standard for this proje	ect is:		F/CC. Ba	tch Number:				Sam	ples Acce	ptable?	O Yes	O	No
Sampled by Date Time	Delivered by	Date	Time	Received by	lab	Date	Time	Ent	ered by			Date	T	ime
Received by Date Time	Delivered by	Date	Time	Analysis by		Date	Time	Del	livered by	у		Date	Ti	ime

SECTION IV Lead-Based Paint Inspection Summary

LEAD-BASED PAINT INSPECTION SUMMARY

Inspection for: Ramsey County

Performed at: 1799 York Avenue, St. Paul, Minnesota 55119 (the Building)

Performed by: Collin Nelson, Institute for Environmental Assessment

Inspection Dates: March 19, 2019

Instrument Used: Thermo Fisher Scientific Niton Corporation X-Ray Fluorescence (XRF)

Analyzer

Serial Number: 16071

Standard: 1.0 mg/cm^2

Rooms within the Building and the exterior were randomly inspected for homogenous painted surfaces.

A total of twenty-seven (27) surfaces were analyzed for lead content utilizing the XRF Analyzer. All samples were given a result of positive or negative for lead (above or below 1.0 mg/cm²), the standard established by the Minnesota Department of Health (MDH) and HUD for lead in paint. Results are located in Section V.

Rooms were given number designations for identification. Maps with room names are located in Section II.

Positive results include:

♦ Basement Photo Area Door

The EPA requires that lead-based paint in child-occupied facilities as defined in 40 CFR Part 745 shall be removed and/or repaired by a certified contractor using specific work procedures.

For purposes of renovation, the renovation contractor must be notified of the lead content in paint. It is the contractor's responsibility to comply with OSHA's Lead in Construction "Interim Final Rule" 29 CFR 1926.62. OSHA does not acknowledge the standards established by MDH and HUD and regulates any amount of lead in paint.

Calibration check tests were conducted throughout the inspection using standards with a known lead content of 0.8 mg/cm² to 1.2 mg/cm².

SECTION V

Lead-Based Paint Inspection Report

Table II: XRF Lead-Based Paint Sampling Results Institute of Environmental Assessment, Inc. 9201 West Broadway Avenue, Suite 600 Brooklyn Park, MN 55445 763-315-7900

Client: Ramsey County

Location: 1799 York Avenue, St. Paul, Minnesota

Date of Survey: March 19, 2019

Project No.: 201910288

	, ,								
XRF#	Floor	Room	Component	Substrate	Color	Condition	Depth Index	Results	Results mg/cm ²
3	Second	Bedroom 1	Ceiling	Plaster	White	Intact	10	Negative	0.3
4	Second	Bedroom 1	Wall	Plaster	White	Intact	6.92	Negative	0.09
5	Second	Bedroom 1	Window Casing	Wood	White	Intact	5.61	Negative	0.08
7	Second	Bedroom 1	Door Casing	Wood	White	Intact	3.17	Negative	0.1
8	Second	Bedroom 2	Door	Wood	Gray	Intact	7.92	Negative	0.23
9	Second	Bedroom 2	Wall	Plaster	White	Intact	1	Negative	0
10	Second	Bedroom 2	Ceiling	Plaster	White	Intact	1	Negative	0
11	Second	Hall	Baseboard	Wood	Stain	Intact	1.15	Negative	0.03
12	First	Living Room	Ceiling	Drywall	White	Intact	1	Negative	0
13	First	Living Room	Wall	Drywall	White	Intact	1.84	Negative	0
14	First	Living Room	Wall	Drywall	Beige	Intact	1	Negative	0
15	First	Hall	Wall	Plaster	Tan	Intact	2.95	Negative	0.01
16	First	Kitchen	Wall	Plaster	Beige	Intact	1	Negative	0
17	First	Kitchen	Ceiling	Plaster	White	Intact	2.03	Negative	0.01
18	First	Kitchen	Window Mullion	Wood	White	Intact	1	Negative	0
19	First	Dining Room	Window Frame	Wood	White	Intact	2.35	Negative	0.02
21	First	Dining Room	Ceiling	Plaster	White	Intact	1	Negative	0
22	First	Dining Room	Wall	Plaster	Brown	Intact	1	Negative	0
23	First	Dining Room	Wall	Plaster	Tan	Intact	1	Negative	0
24	Basement	Photo Area	Wall	Drywall	Black	Intact	1	Negative	0
26	Basement	Photo Area	Ceiling	Drywall	White	Intact	1	Negative	0
27	Basement	Photo Area	Wall	Drywall	Blue	Intact	1	Negative	0
28	Basement	Photo Area	Door	Wood	Black	Intact	3.44	Positive	8
29	Basement	Bathroom	Door	Wood	Brown	Intact	1	Negative	0
32	Basement	Storage	Wall	Concrete	White	Intact	10	Negative	0.01
33	Basement	Utility Room	Wall	Concrete	White	Intact	1.35	Negative	0
37	Basement	Utility Room	Chimney	Brick	White	Intact	1.49	Negative	0.01

SECTION VI Hazardous Material Inventory Summary

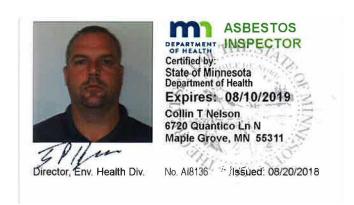
Table III: Regulated Materials Inventory Institute of Environmental Assessment, Inc. 9201 West Broadway Avenue, Suite 600 Brooklyn Park, MN 55445 763-315-7900

Client: Ramsey County
Location: 1799 York Avenue, St. Paul, Minnesota
Project No.: 201910288

Area Location	Regulated Items - Associated Hazards	Quantity
2nd Floor - Bedroom 1		
2nd Floor - Bedroom 2		
1st Floor - Porch		
1st Floor - Living Room	Light Ballast - PCBs/Oil	1
1st 14001 - Living Room	Door Closer - Oils	4
1st Floor - Kitchen		
1st Floor - Dining Room		
1st Floor - Bathroom		
	Light Ballast - PCBs/Oil	1
Basement - Utility	4' Fluorescent Bulbs - Mercury	2
Basement - Othity	Gas Furnace - Circuitry	1
	Water Heater - Appliance	1
Decement Stores	Light Ballast - PCBs/Oil	1
Basement - Storage	Circular Fluorescent Bulbs - Mercury	1
Basement - Bathroom		
	Light Ballast - PCBs/Oil	1
Basement - Photo Area	2' Fluorescent Bulbs - Mercury	1
	Exit Sign - Circuitry	1
Decement Exterior	Compact Fluorescent Bulbs - Mercury	1
Basement - Exterior	Electric Meter - Circuitry	1

SECTION VII Asbestos and Lead Risk Assessor's Licenses

Asbestos Inspector State Certification/Accreditation



Inspector

I have completed an EPA-approved training course and all appropriate refresher courses and am licensed as an Asbestos Inspector by the Minnesota Department of Health.

Callelle	March 19, 2019
Signature	Date of Inspection
~	
Collin Nelson	<u>AI8136</u>
Print Name	State Certification/Accreditation Number

Lead Risk Assessor Certification/Accreditation



Risk Assessor

I have completed an approved training course and all appropriate refresher courses and am licensed as a Lead Risk Assessor by the Minnesota Department of Health.

Signature	March 19, 2019 Date of Inspection
Collin Nelson Print Name	LR720 State Certification/Accreditation Number