

# ASBESTOS SAMPLING REPORT

for

## CLEMENT J. ZABLOCKI VAMC MILWAUKEE, WI



### PROJECT: CLEMENT J. ZABLOCKI VAMC MILWAUKEE, WI BUILDING 111 RENOVATE 8A FOR OUTPATIENT CLINICS PROJECT 695-15-117

Assessment Dates:  
**APRIL 25, 2016**  
**JUNE 22, 2016**

CONSULTANT:  
USFIN DEVELOPMENT, LLC  
7920 N. WOODBRIDGE RD.  
MONCLOVA, OH 43542  
419-382-9574  
[www.usfingroup.com](http://www.usfingroup.com)



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**CLEMENT J. ZABLOCKI VAMC  
MILWAUKEE, WI**

**PROJECT 695-15-117  
RENOVATE 8A – BUILDING 111  
OUTPATIENT CLINICS**

**ASBESTOS INSPECTION SUMMARY**

On April 25, 2016 and June 21, 2016, Mike Larsen and Brett Brumbaugh performed an asbestos survey prior to the gut-rehab renovation project on the 8<sup>th</sup> floor East wing of Building 111 of the Clement J. Zablocki VAMC in Milwaukee, WI. Bulk samples were collected of suspect asbestos containing materials in the renovation area. Prior to this sampling, USFin was not provided with any previous sampling results, but was informed that asbestos is known to be located in the black flooring mastic and mud fitting insulation on the floor based on previous projects. There were 40 bulk samples taken as part of this survey of 18 homogeneous building materials with the materials identified in the report included in this submission.

Bulk sampling as part of this project was based upon the appearance, texture, and location of the suspect materials. All bulk samples were analyzed utilizing current EPA methods for PLM (Polarized Light Microscopy) by EMSL Analytical in Ann Arbor, MI. EMSL is accredited by the NIST, NVLAP program (National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program) and also an American Industrial Hygiene Association (AIHA) accredited laboratory.

As a result of this sampling, it has been determined that there are 4 types of asbestos containing materials present in the renovation area as follows:

<b>Asbestos Containing Materials</b>	<b>Locations</b>	<b>Quantity</b>
Mud Fittings on fiberglass insulated domestic water lines	42 wall pipe chases for all toilets, restrooms, showers, locker rooms, laundry, and sinks	~ 451 fittings
Residual black mastic under non-asbestos 12" floor tile and carpeting	North side of East Wing - Corridors, patient rooms, bedrooms, offices, stairwells, nurse stations	11,881 sf
Fire doors (metal 2-hour)	Stairwells and corridors	7 doors
Black mastic soundproofing inside univents (housing & covers)	Outside facing patient rooms, bedrooms, offices, conference rooms, and stairwells	58 units

If any of these materials are to be disturbed as part of the renovation project, then the materials must be removed in accordance with current Federal, State, and Local asbestos regulations in addition to the VA standards and guidelines for asbestos removal.

Respectfully Submitted:



Project Manager



## ASBESTOS SAMPLING PROTOCOL

The bulk samples were collected from locations that were selected to be representative of the building materials. Sampling was accomplished using the simplified sampling scheme referenced in the AHERA regulations and found in the "Pink Book". Locations of individual samples are referenced on this report.

The samples were either collected with a coring tool designed for asbestos sampling or placed into a plastic bag for laboratory analysis. The samples were analyzed via polarized light microscopy with dispersion staining, using the "Interim method for the Determination of Asbestos in Bulk Insulation Samples" found in Appendix A to Subpart F in 40 CFR Part 763.

The regulations require specific numbers of samples be obtained per homogeneous area. For example when sampling for joint compound or asbestos in hard plaster (sprayed-on or troweled-on surfacing materials) samples are to be taken based on the following increments: 0 to 1000 square feet of material, 3 samples are necessary. From 1001 to 5000 square feet, 5 samples are necessary, over 5000 square feet 7 samples are required. If during analysis any samples are found to contain asbestos, the entire homogeneous area is delineated as asbestos containing material. In the case of pipe insulation or other types of manufactured materials, the regulations require only enough samples to ascertain whether asbestos is present. In this case, the minimum amount of samples to collect and analyze is usually three. The sampling performed in this inspection followed these sampling guidelines.

## ASBESTOS GLOSSARY OF TERMS

***Friable asbestos material:*** means any material containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763 section 1, Polarized Light Microscopy, that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

***Category I Non-friable Asbestos Containing Material (ACM)*** means asbestos containing packings, gaskets, resilient floor coverings, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, Section 1, Polarized Light Microscopy.

***Category II Non-friable ACM*** means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

***Regulated Asbestos Containing Material (RACM):*** means (a) Friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material expected in the course of demolition or renovation operations regulated by this subpart.



## ASBESTOS BULK SAMPLE DESCRIPTIONS & RESULTS

Facility: **Clement J. Zablocki VAMC – Milwaukee, WI**  
 Project: **695-15-117 Renovate 8A – Building 111 for Outpatient Clinics**  
 Area: **8<sup>th</sup> Floor – East Wing**  
 Sampling Date: **April 25, 2016**  
 Analysis Date: **April 28, 2016**  
 Laboratory: **EMSL Analytical, Inc. - Ann Arbor, MI**  
 Accreditation: **NVLAP Asbestos Bulk Accredited Laboratory #101048-4**  
 Sampler: **Mike Larsen**  
 Certification #: **AIR14050549133**

SAMPLE #	HA	MATERIAL DESCRIPTION	SAMPLE LOCATION	LABORATORY ANALYSIS RESULT
1	A	Hard plaster	Hallway by 8203	No Asbestos Detected
2	B	White duct seam mastic over fiberglass	Hall plenum by 8203	No Asbestos Detected
3	C	2x4 ceiling tile (fissures and pinholes)	Hallway by 8203	No Asbestos Detected
4	D	2x4 ceiling tile (bird track pattern)	Hallway by 8213	No Asbestos Detected
5	A	Hard plaster	Hallway by 8213	No Asbestos Detected
6a	E	12" tan floor tile	8210 Nurse station	No Asbestos Detected
6b	E	Tan mastic under 12" floor tile	""	No Asbestos Detected
7	F	Black spray-on soundproofing in univent	Room 8209	20% Chrysotile Asbestos
8	G	Mud fitting on fiberglass insulated pipe	8220 closet	3% Chrysotile Asbestos
9a	E	12" tan floor tile	Room 8219	No Asbestos Detected
9b	E	Black residual mastic under 12" floor tile	""	5% Chrysotile Asbestos
10	G	Mud fitting on fiberglass insulated pipe	Pipe chase in Room 8222	3% Chrysotile Asbestos
11	F	Black spray-on soundproofing univent front	Room 8222	15% Chrysotile Asbestos
12	D	2x4 ceiling tile (bird track pattern)	Room 8229	No Asbestos Detected
13	A	Hard plaster	Room 8229	No Asbestos Detected
14a	H	12" green floor tile	Hallway by 8230	No Asbestos Detected
14b	H	Black residual mastic under 12" tile	Hallway by 8230	8% Chrysotile Asbestos
15a	I	Black cove base	Hallway by 8230	No Asbestos Detected
15b	I	Tan cove base mastic	""	No Asbestos Detected
16a	J	12" white floor tile with black streaks	8234 Closet	No Asbestos Detected
16b	J	Tan floor tile mastic	""	No Asbestos Detected
17	K	2x4 ceiling tile (pinhole patterns)	Room 8242	No Asbestos Detected
18	K	2x4 ceiling tile (pinhole patterns)	Room 8239	No Asbestos Detected
19	K	2x4 ceiling tile (pinhole patterns)	Room 8241	No Asbestos Detected
20	A	Hard plaster	Room 8242	No Asbestos Detected
21	D	2x4 ceiling tile (bird track pattern)	Hallway by 8103	No Asbestos Detected
22	B	White duct seam mastic over fiberglass	Hall plenum by 8103	No Asbestos Detected
23	A	Hard plaster	Hallway by 8103	No Asbestos Detected
24a	L	12" pink/red floor tile	Hallway by 8120	No Asbestos Detected
24b	L	Tan mastic	""	No Asbestos Detected
25	M	Drywall mud	Nurse station 8206	No Asbestos Detected
26	M	Drywall mud	Nurse station 8110	No Asbestos Detected
27	M	Drywall mud	Corridor C8A05	No Asbestos Detected
28	I	Black cove base	Room 8217	No Asbestos Detected
29	O	2x2 ceiling tile (fissures)	Nurse station 8206	No Asbestos Detected
30	O	2x2 ceiling tile (fissures)	Nurse station 8110	No Asbestos Detected
31	O	2x2 ceiling tile (fissures)	Nurse station 8210	No Asbestos Detected

**Note: Asbestos containing materials are defined by containing greater than 1% asbestos.**



## ASBESTOS BULK SAMPLE DESCRIPTIONS & RESULTS

Facility: **Clement J. Zablocki VAMC – Milwaukee, WI**  
 Project: **695-15-117 Renovate 8A – Building 111 for Outpatient Clinics**  
 Area: **8<sup>th</sup> Floor – East Wing**  
 Sampling Date: **June 21, 2016**  
 Analysis Date: **June 27, 2016**  
 Laboratory: **EMSL Analytical, Inc. - Ann Arbor, MI**  
 Accreditation: **NVLAP Asbestos Bulk Accredited Laboratory #101048-4**  
 Sampler: **Mike Larsen**  
 Certification #: **AIR14050549133**

SAMPLE #	HA	MATERIAL DESCRIPTION	SAMPLE LOCATION	LABORATORY ANALYSIS RESULT
32a	E	12" tan floor tile	8102 (S. side of E. Wing.)	No Asbestos Detected
32b	E	Black Mastic	"	No Asbestos Detected
33a	E	12" tan floor tile	8110 (S. side of E. Wing.)	No Asbestos Detected
33b	E	Black Mastic	"	No Asbestos Detected
34a	E	12" tan floor tile	8115 (S. side of E. Wing.)	No Asbestos Detected
34b	E	Black Mastic	"	No Asbestos Detected
35	P	Ceramic Tile Thinset	8104A	No Asbestos Detected
36	P	Ceramic Tile Thinset	8104	No Asbestos Detected
37	P	Ceramic Tile Thinset	8204A	No Asbestos Detected
38	Q	Ceramic Tile Grout	8104A	No Asbestos Detected
39	Q	Ceramic Tile Grout	8104	No Asbestos Detected
40	Q	Ceramic Tile Grout	8204A	No Asbestos Detected

**Note: Asbestos containing materials are defined by containing greater than 1% asbestos.**





**ASBESTOS LABORATORY REPORTS  
EMSL ANALYTICAL, INC. – ANN ARBOR, MI**





**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: 081601138

Customer ID: USFN25

Customer PO: VA

Project ID:

**Attention:** Brett Brumbaugh  
 USFin Group  
 7920 N. Woodbridge Road  
 Monclova, OH 43542

**Phone:** (419) 382-9574  
**Fax:**  
**Received Date:** 04/27/2016 10:25 AM  
**Analysis Date:** 04/28/2016  
**Collected Date:**

**Project:** VA Milwaukee

**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
1 <small>081601138-0001</small>		Gray/White Non-Fibrous Homogeneous		4% Quartz 96% Non-fibrous (Other)	None Detected
2 <small>081601138-0002</small>	Adhesive	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2 <small>081601138-0002A</small> <i>Inseperable Layer</i>	Wrap/Insulation	Yellow/Clear Non-Fibrous Heterogeneous	15% Cellulose 75% Glass	10% Non-fibrous (Other)	None Detected
3 <small>081601138-0003</small>		Gray Fibrous Homogeneous	50% Cellulose	30% Perlite 20% Non-fibrous (Other)	None Detected
4 <small>081601138-0004</small>		Gray Fibrous Homogeneous	40% Cellulose 40% Min. Wool	10% Perlite 10% Non-fibrous (Other)	None Detected
5 <small>081601138-0005</small>		Gray/Black Non-Fibrous Homogeneous	<1% Cellulose <1% Min. Wool	8% Quartz 92% Non-fibrous (Other)	None Detected
6 <small>081601138-0006</small>	Floor Tile	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
6 <small>081601138-0006A</small>	Adhesive	Yellow Non-Fibrous Heterogeneous	5% Cellulose <1% Synthetic	95% Non-fibrous (Other)	None Detected
7 <small>081601138-0007</small>		Black Non-Fibrous Homogeneous	2% Cellulose	78% Non-fibrous (Other)	20% Chrysotile
8 <small>081601138-0008</small>		Gray Non-Fibrous Homogeneous	40% Min. Wool	57% Non-fibrous (Other)	3% Chrysotile
9 <small>081601138-0009</small>	Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
9 <small>081601138-0009A</small>	Adhesive	Yellow Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
9 <small>081601138-0009B</small>	Mastic/Leveler	Black Non-Fibrous Heterogeneous	2% Cellulose	2% Quartz 91% Non-fibrous (Other)	5% Chrysotile
10 <small>081601138-0010</small>		Gray/Tan Fibrous Heterogeneous	5% Cellulose 8% Min. Wool	84% Non-fibrous (Other)	3% Chrysotile
11 <small>081601138-0011</small>		Black Non-Fibrous Homogeneous		85% Non-fibrous (Other)	15% Chrysotile

Initial Report From: 04/29/2016 08:16:57



**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: 081601138  
 Customer ID: USFN25  
 Customer PO: VA  
 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
12 081601138-0012		Gray Fibrous Homogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
13 081601138-0013		Gray/Tan Non-Fibrous Homogeneous		9% Quartz 91% Non-fibrous (Other)	None Detected
14 081601138-0014	Floor Tile	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14 081601138-0014A	Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14 081601138-0014B	Mastic	Black Non-Fibrous Heterogeneous	2% Cellulose	90% Non-fibrous (Other)	8% Chrysotile
15 081601138-0015	Cove Base	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15 081601138-0015A	Adhesive A	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15 081601138-0015B	Adhesive B	Brown Non-Fibrous Homogeneous	<1% Wollastonite 2% Fibrous (Other)	98% Non-fibrous (Other)	None Detected
16 081601138-0016	Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16 081601138-0016A	Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 081601138-0017		Gray Fibrous Homogeneous	35% Cellulose 35% Min. Wool	15% Perlite 15% Non-fibrous (Other)	None Detected
18 081601138-0018		Gray Fibrous Homogeneous	40% Cellulose 40% Min. Wool 2% Glass	5% Perlite 13% Non-fibrous (Other)	None Detected
19 081601138-0019		Gray Fibrous Homogeneous	35% Cellulose 40% Min. Wool	15% Perlite 10% Non-fibrous (Other)	None Detected
20 081601138-0020		White Non-Fibrous Homogeneous	<1% Cellulose	6% Quartz 94% Non-fibrous (Other)	None Detected
21 081601138-0021		Gray Fibrous Homogeneous	40% Cellulose 40% Min. Wool	10% Perlite 10% Non-fibrous (Other)	None Detected
22 081601138-0022	Adhesive	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22 081601138-0022A	Wrap	Brown Fibrous Homogeneous	95% Cellulose 2% Min. Wool	3% Non-fibrous (Other)	None Detected
23 081601138-0023		Gray/White Non-Fibrous Homogeneous	<1% Cellulose	4% Quartz 96% Non-fibrous (Other)	None Detected
24 081601138-0024	Floor Tile	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial Report From: 04/29/2016 08:16:57



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 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: 081601138  
 Customer ID: USFN25  
 Customer PO: VA  
 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
24 <i>081601138-0024A</i>	Adhesive	Clear Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
25 <i>081601138-0025</i>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26 <i>081601138-0026</i>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27 <i>081601138-0027</i>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28 <i>081601138-0028</i>	Cove Base	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28 <i>081601138-0028A</i>	Adhesive A	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28 <i>081601138-0028B</i>	Adhesive B	Brown Non-Fibrous Homogeneous	2% Wollastonite 3% Fibrous (Other)	95% Non-fibrous (Other)	None Detected
29 <i>081601138-0029</i>		Gray Fibrous Homogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
30 <i>081601138-0030</i>		Gray Fibrous Homogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
31 <i>081601138-0031</i>		Gray Non-Fibrous Homogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected

Analyst(s)  
 Jamey Cooper (44)

  
 Ryan Shannon, Laboratory Manager  
 or Other Approved Signatory

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

Initial Report From: 04/29/2016 08:16:57



# 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](mailto:annarborlab@emsl.com)

EMSL Order: 081601724

Customer ID: USFN25

Customer PO: VA

Project ID:

**Attention:** Brett Brumbaugh  
USFin Group  
7920 N. Woodbridge Road  
Monclova, OH 43542

**Phone:** (419) 382-9574

**Fax:**

**Received Date:** 06/23/2016 10:20 AM

**Analysis Date:** 06/23/2016

**Collected Date:**

**Project:** Milwaukee VAMC

## 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
32 <small>081601724-0001</small>	Adhesive A	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
32 <small>081601724-0001A</small>	Floor Tile	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
32 <small>081601724-0001B</small>	Adhesive B	Brown/Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
33 <small>081601724-0002</small>	Floor Tile	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
33 <small>081601724-0002A</small>	Adhesive	Yellow Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
33 <small>081601724-0002B</small>	Leveler	Brown Non-Fibrous Homogeneous		4% Quartz 96% Non-fibrous (Other)	None Detected
34 <small>081601724-0003</small>	Floor Tile	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
34 <small>081601724-0003A</small>	Adhesive	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
34 <small>081601724-0003B</small>	Leveler	Gray Non-Fibrous Homogeneous		6% Quartz 94% Non-fibrous (Other)	None Detected
35 <small>081601724-0004</small>		Gray Non-Fibrous Homogeneous		6% Quartz 94% Non-fibrous (Other)	None Detected
36 <small>081601724-0005</small>		Gray Non-Fibrous Homogeneous		8% Quartz 92% Non-fibrous (Other)	None Detected
37 <small>081601724-0006</small>	Ceramic Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
37 <small>081601724-0006A</small>	Grout	White Non-Fibrous Homogeneous		3% Quartz 97% Non-fibrous (Other)	None Detected
37 <small>081601724-0006B</small>	Mortar A	Gray Non-Fibrous Homogeneous	<1% Cellulose	8% Quartz 92% Non-fibrous (Other)	None Detected
37 <small>081601724-0006C</small>	Mortar B	Gray Non-Fibrous Homogeneous		8% Quartz 92% Non-fibrous (Other)	None Detected
38 <small>081601724-0007</small>		White Non-Fibrous Homogeneous		2% Quartz <1% Ca Carbonate 98% Non-fibrous (Other)	None Detected

Initial Report From: 06/23/2016 16:15:50



**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: 081601724  
 Customer ID: USFN25  
 Customer PO: VA  
 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
39		White		2% Quartz	None Detected
081601724-0008		Non-Fibrous		<1% Ca Carbonate	
		Homogeneous		98% Non-fibrous (Other)	
40		White		<1% Quartz	None Detected
081601724-0009		Non-Fibrous		2% Ca Carbonate	
		Homogeneous		98% Non-fibrous (Other)	

Analyst(s)  
 Ryan Shannon (18)

  
 Ryan Shannon, Laboratory Manager  
 or Other Approved Signatory

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

Initial Report From: 06/23/2016 16:15:50



### Asbestos Bulk Building Material Chain of Custody

212 South Wagner Road



129 EMSL Order Number (Lab Use Only):  
081601724

Ann Arbor, MI 48103  
PHONE: (734) 668-6810  
FAX: (734) 668-8532

Company: USFin Group		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note Instructions in Comments**</small>	
Street: 7920 N. Woodbridge Road		Third Party Billing requires written authorization from third party	
City: Monclova	State/Province: OH	Zip/Postal Code: 43542	Country: United States
Report To (Name): Brett Brumbaugh		Telephone #: 419-382-9574	
Email Address: brett@usfingroup.com		Fax #:	Purchase Order: <u>VA</u>
Project Name/Number: <u>Milwaukee VAMC</u>		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: <u>WI</u>		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
<b>Turnaround Time (TAT) Options* - Please Check</b>			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
<b>PLM - Bulk (reporting limit)</b>		<b>TEM - Bulk</b>	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	
<input type="checkbox"/> PLM EPA NOB (<1%)		<input type="checkbox"/> NY ELAP Method 198.4 (TEM)	
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> Chatfield Protocol (semi-quantitative)	
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2	
<input type="checkbox"/> NIOSH 9002 (<1%)		<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)		<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)		<b>Other</b>	
<input type="checkbox"/> OSHA ID-191 Modified			
<input type="checkbox"/> Standard Addition Method			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: <u>6-21-16</u>	
Samplers Name: <u>Mike Larsen</u>		Samplers Signature: <u>[Signature]</u>	
Sample #	HA #	Sample Location	Material Description
<u>32-40</u>		<u>8<sup>th</sup> Floor - East</u>	<u>695-15-117</u>
Client Sample # (s): <u>32</u> - <u>40</u>		Total # of Samples: <u>9</u>	
Relinquished (Client): <u>[Signature]</u>		Date: <u>6-22-16</u>	Time: <u>1325</u>
Received (Lab): <u>3</u> <u>EMSLA 456174 2320</u>		Date: <u>6-23-16</u>	Time: <u>10:20</u>
<b>Comments/Special Instructions:</b> <small>BITC: USFin Group, 63 Gargate Trail, Southern Shores, NC, 27949, United States Attention: Grant Dick Phone: 8187890449 Email: brett@usfingroup.com Purchase Order:</small>			

# **LABORATORY CERTIFICATIONS**

**EMSL – ANN ARBOR, MI**





**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**EMSL Analytical, Inc.**

212 S. Wagner Road

Ann Arbor, MI 48103

Mr. Ryan Shannon

Phone: 734-668-6810 Fax: (734) 668-8532

Email: rshannon@emsl.com

http://www.emsl.com

**ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 101048-4**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in blue ink, appearing to read "Ryan Shannon".

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce  
National Institute of Standards and Technology



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## Certificate of Accreditation to ISO/IEC 17025:2005

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NVLAP LAB CODE: 101048-4

**EMSL Analytical, Inc.**  
Ann Arbor, MI

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:

### **Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

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2015-06-17 through 2016-06-30

Effective Dates



A handwritten signature in blue ink, which appears to read "Alan P. Murphy".

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For the National Voluntary Laboratory Accreditation Program

# **INSPECTOR CERTIFICATIONS**

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# Milwaukee Lead/Asbestos Information Center

*A division of Midwest Certified Training, Inc.*

3495 North 124th Street, Brookfield, WI 53005 Phone: 414-481-9070

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**Michael L. Larsen**

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Has successfully completed a course and passed the examination on May 5, 2014 with a minimum score of 70 percent, that meets all criteria for the State of Wisconsin Recertification as an

## Asbestos Inspector Refresher Course

May 5, 2014

**Date of Course:**

May 5, 2014

**Date Issued**

May 5, 2015

**Date of Expiration:**

AIR14050549133

**Certification Number:**

**Location:** Milwaukee Lead/Asbestos Information Center, 3495 North 124th Street, Brookfield, WI 53005

---

**DCQ Course ID #: 9606**

Eric Feldmeyer, Director of Milwaukee Lead/Asbestos Information Center, Inc.  
3495 North 124th Street  
Brookfield, WI 53005  
414-481-9070

*E. Feldmeyer*

This training course complies with the requirements of TSCA Title II and is accredited by the State of Wisconsin Department of Health Services under ch. DHS 159, Wis. Admin. Code.

# Company Certificate

This certifies that

PSI - PROFESSIONAL SERVICE INDUSTRIES INC

W237N2878 WOODGATE RD STE 2  
PEWAUKEE WI 53072-2901

**COPY**  
Asbestos Company - Primary

is certified under ch. HFS 159, Wis. Adm. Code as a

Certificate Issue Date: 08/26/2013

Expiration Date: 08/01/2015, 12:01 a.m.

Certification #: CAP-16820

Wisconsin Department of Health Services  
Division of Public Health  
Bureau of Environmental and Occupational Health  
Asbestos & Lead Section  
PO Box 2659  
Madison WI 53701-2659  
Phone: (608) 261-6876



*Shelley A Bruce*

Shelley A Bruce,  
Unit Supervisor





## Asbestos Building Inspector Refresher

### Certificate


This is to certify

# Brett Brumbaugh

XXX-XX-6789



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Building Inspector Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3701-34 Ohio Administrative Code.

	9/30/16	9/30/15	9/30/15	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

### TSI

33150 Lakeland Blvd.  
Cleveland, OH 44095  
1-866-666-8438

15 TSI 60531 ir



## Asbestos Management Planner Refresher

### Certificate


This is to certify

# Brett Brumbaugh

XXX-XX-6789



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Management Planner Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3701-34 Ohio Administrative Code.

	9/30/16	9/30/15	9/30/15	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

### TSI

33150 Lakeland Blvd.  
Cleveland, OH 44095  
1-866-666-8438

15 TSI 60541 mpr



## Asbestos Project Designer Refresher

### Certificate


This is to certify

# Brett Brumbaugh

XXX-XX-6789



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Project Designer Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3701-34 Ohio Administrative Code.

	10/1/16	10/1/15	10/1/15	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

### TSI

33150 Lakeland Blvd.  
Cleveland, OH 44095  
1-866-666-8438

15 TSI 60578 pdr



**National Registry of  
Environmental Professionals.  
CERTIFIED**

**Brett Brumbaugh REPA 5866  
Registered Environmental Property Assessor**

The Person Named Above is  
Qualified as Defined by the NREP

**10/31/2016**

*Richard A. Young*  
Executive Director

First Certified: 10/31/1996

Expiration Date