ENVIRONMENTAL
MAINTENANCE
ENGINEERS, INC.
25851 Trowbridge St., Inkster, MI 48141 *Office* 313.791.2600 - *Fax:* 313.791.2601

September 15, 2023

Mr. Tom Jablonski
Big Boy Restaurant Group LLC
26300 Telegraph Road
Southfield, MI 48033

RE: Vacant Restaurant Building, 31555 Woodward Ave., Royal Oak
Completed Waste Manifest & Air Monitoring Report
EME Job #: 23-471

Dear Mr. Jablonski:

Thank you for the opportunity for Environmental Maintenance Engineers, Inc. (EME) to provide environmental abatement services at the above referenced project.

I have enclosed the following document for your records:

- Waste Manifest
- Air Monitoring Report

EME is looking forward to working with you in the future. If you have any questions or if I can be of further assistance, please do not hesitate to call me at 313.791.2600.

Sincerely,

ENVIRONMENTAL MAINTENANCE ENGINEERS, INC.

Amanda Quick

Enclosure

Michigan Department of Natural Resources
Air Quality Division

[E] Check here if dumpster is located on a jobsite (not at the office)

Internal Job #: 23-471

Landfill Approval #: 3069 22 0860

ASBESTOS WASTE SHIPMENT DOCUMENT

Worksite name & address:	Owner's Name:	Contact Name
Vacant Restaurant Building 31555 Woodward Avenue Royal Oak, MI 48073	Big Boy Restaurant 26300 Telegraph Rd, Suite 201 Southfield, MI 48033	Tom Jablonski **Contact Telephone #** (248) 978-4155

Operator's Name:	Operator's Address:	Operator's Telephone #:
Environmental Maintenance Engineers, Inc.	25851 Trowbridge Inkster, MI 48141	(313) 791-2600

Waste Disposal Site (WDS) Name:	Waste Disposal Mailing Address:	Disposal Site Telephone #:
Carleton Farms Landfill	28800 Clark Rd. New Boston, MI 48164	(734) 654-0001

Responsible Agency:

Air Quality Division, Michigan Department of Natural Resources
P.O. Box 30028
Lansing, MI 48909

Description of Materials:

Hazard Class: 9	Identification Number: NA2212	Packing Group: III
Additional Description:		

Containers:

	# of Containers:	Type of Containers (drums, bags, etc)	Total Qty. (cu ft., cu yds., lbs., tons):
Friable Asbestos			
Non-Friable Asbestos	34	Bags	
Other:			

Special Handling Instructions and Additional Information:

Handled in accordance with all EPA, NESHAP, & OSHA Regulations

Operator's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.

Printed/Typed Name: Jeff Cheney	Title: Project Manager
Signature: J. Cheney	Date: 8-25-2023

Transporter (Acknowledgement of Receipt of Materials):

Name: Environmental Maintenance Engineers, Inc.	
Address: 25851 Trowbridge, Inkster, MI 48141	Phone Number: (313) 791-2600
Printed/Typed Name: Andrew Pugh	Title: Supervisor
Signature:	Date: 8-25-23

Transporter 2 (Acknowledgement of Receipt of Materials):

Name: Republic Services - Wayne	
Address: 5400 Cogswell, Wayne, MI 48184	Phone Number: (734) 216-8240
Printed/Typed Name: Lee Richards	Title: Driver
Signature:	Date: 9-5-23

Waste disposal site owner or operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.

Printed/Typed Name:	Title:
Signature:	Date: 9/5/23

environmental group

www.archenvgroup.com
healthAIR - Industrial Hygiene Services
cleanWATER - Consulting & Testing Services
safeEARTH - Hazardous Waste & Recycling Services

September 13, 2023

Mr. Mike Kelly
President
Environmental Maintenance Engineers
25851 Trowbridge Street
Inkster, Michigan 48141

RE: **Project #AE230792**
Asbestos Air Monitoring Report
Former Pasquali's Restaurant
Basement Storage

Dear Mr. Kelly:

The air samples collected by Arch Environmental Group, Inc. (AEG) on August 25, 2023, in the Basement Storage project areas at Former Pasquali's Restaurant have been analyzed utilizing Phase Contrast Microscopy (PCM) in accordance with NIOSH 7400 Methodologies. AEG uses the following nomenclature for referencing different types of air samples:

FB	Field Blank
AS	Area Sample
PS	Personal Sample
PA	Clearance (Post-Abatement) Sample

The PCM clearance samples collected in Basement Storage at Former Pasquali's Restaurant on August 25, 2023, were analyzed below the State of Michigan PCM Clearance Level of 0.05 fibers per cubic centimeter (f/cc). The project areas shall be considered safe for re-occupancy.

Arch Environmental Group, Inc. looks forward to working with you in the future and helping you to address any concerns regarding environmental health and safety. If you have any questions regarding this report, or if I can be of further assistance please feel free to contact me at (248) 426-0165.

Sincerely,

Arch Environmental Group, Inc.
Environmental Services

Wendy Ramsey
Technician II, healthAIR

Attachments: Asbestos Daily Project Reports

File: AE230792

Attachment
Asbestos Daily Project Reports

environmental group

ASBESTOS DAILY PROJECT REPORTS
On-Site Activity Summary

Client:	Environmental Maintenance Engineers, Inc.	**Date:** 8/25/2023	**Consultant:**	Arch Environmental Group, Inc.
Building:	Former Pasquali's Restaurant		**Project Technician:**	Dylan Barnett
Location:	Basement Storage		**Abatement Contractor:**	Environmental Maintenance Engineers, Inc.
Project #:	AE230792		**Competent Person:**	Andrew Ptak

Abatement Information

OSHA Work Class II

Contractor Activities

Set-up procedures conducted:	Yes
Abatement procedures conducted:	
Removal:	Yes
Encapsulation:	No
Repair:	Yes
Enclosure:	No
Wet methods used:	Yes
Clean up procedures:	Yes
Waste bags checked:	Yes
Conducted by:	Dylan Barnett
# of Waste Bags:	43
Final cleaning procedures:	Yes
Visual inspection:	Yes
Conducted by:	Dylan Barnett
Lock-down activities:	Yes
Tear-down procedures:	Yes

Abatement Method(s)

Non-Friable Project

Criticals set-up:	Yes
Shower set-up:	N/A (≤25 lf/10 sf/Intact)
AFDs used:	Yes

Regulated Area Information

Enclosure Integrity Check (start of work shift):	Yes
Corrections necessary:	N/A
Corrections made:	N/A
Enclosure Integrity Check (middle of work shift):	Yes
Corrections necessary:	N/A
Corrections made:	N/A
Enclosure Integrity Check (end of work shift):	Yes
Corrections necessary:	N/A
Corrections made:	N/A
Negative air maintained:	N/A (≤25 lf/10 sf/Intact)
Manometer reading:	<#>
Smoke testing conducted:	N/A (≤25 lf/10 sf/Intact)
Conducted by:	<x>
Asbestos signs in place:	Yes
Asbestos banner tape in place:	Yes
Shower operational:	N/A (≤25 lf/10 sf/Intact)
Dumpster secure at end of day:	Yes
PPE - Disposable coveralls (Contractor):	Yes
PPE - Respirators (Contractor):	Yes
Type:	HFNPR
PPE - Disposable coveralls (Consultant):	Yes
PPE - Respirators (Consultant):	Yes
Type:	HFNPR
Did Consultant enter enclosure:	Yes
Time (A.M.):	<##:## a.m. - ##:## a.m.>
Time (P.M.):	<##:## p.m. - ##:## p.m.>

Air Sample Information

Air samples collected:	Yes
Calibrated pumps:	Yes
Baseline samples (BL)	N/A
Set-up samples (SS)	N/A
Personal samples (8 hr TWA) (PS)	Yes
Above/Below PEL:	Above
Personal samples (STEL) (PS)	Yes
Above/Below PEL:	Above
Above/Below STEL:	Above
Area samples (AS)	Yes
PCM Clearance samples (PA)	Yes
Passed:	Yes
Aggressive:	N/A
TEM Clearance samples (PA)	N/A
Passed:	N/A
Aggressive:	N/A

Personal Samples Collected On:

Name(s): Gregory O. Nagle

The worker/workers involved in the highest potential exposure activity

Required Postings

Notification:

Supervisor/Competent Person Training:

OSHA Personal Sampling Posting:

ASBESTOS DAILY PROJECT REPORTS
Contractor and Materials Information

Client:	Environmental Maintenance Engineers, Inc.	**Date:** 8/25/2023	**Consultant:**	Arch Environmental Group, Inc.
Building:	Former Pasquali's Restaurant		**Project Technician:**	Dylan Barnett
Location:	Basement Storage		**Abatement Contractor:**	Environmental Maintenance Engineers, Inc.
Project #:	AE230792		**Competent Person:**	Andrew Ptak

Abatement Personnel Information

Workers / Accreditation Numbers

Name:	Andrew Ptak	Type:	Supervisor
Accred #:	A25587	Training:	
Exp. Date:	6/16/2023	Fit test:	
Activity:	Removal of flooring	PWO:	
Personal #:	PS1		

Name:	Gregory O. Nagle	Type:	Worker
Accred #:	A47962	Training:	
Exp. Date:	9/22/2023	Fit test:	
Activity:	Removal of flooring	PWO:	
Personal #:	PS1		

Name:		Type:	
Accred #:		Training:	
Exp. Date:		Fit test:	
Activity:		PWO:	
Personal #:			

Abatement Personnel Information

Workers / Accreditation Numbers

Name:		Type:	
Accred #:		Training:	
Exp. Date:		Fit test:	
Activity:		PWO:	
Personal #:			

Name:		Type:	
Accred #:		Training:	
Exp. Date:		Fit test:	
Activity:		PWO:	
Personal #:			

Name:		Type:	
Accred #:		Training:	
Exp. Date:		Fit test:	
Activity:		PWO:	
Personal #:			

Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
FT		Bathroom Storage

Additonal Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No

ASBESTOS DAILY PROJECT REPORTS
Air Sample Analysis Information

Client:	Environmental Maintenance Engineers, Inc.	**Samples Collected By:**	Dylan Barnett
Building:	Former Pasquali's Restaurant	**Sample Collection Date:**	8/25/2023
Location:	Basement Storage	**Samples Analyzed By:**	Dylan Barnett
Project #:	AE230792	**Sample Analysis Date:**	8/25/2023

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm^2)
FB1	Sample prepared on-site.	--	--	--	--	--	0.64
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
AS1	Collected near Basement Storage	9:50 AM 11:00 AM	70	8.002	560	0.005	3.18
PA1	Collected in Basement Storage	11:00 AM 1:00 PM	120	8.002	960	0.003	2.55

AHERA PCM Clearance Level = 0.010 f/cc
AHERA TEM Clearance Level = 70 AS/mm2
State of Michigan PCM Clearance Level = 0.050 f/cc

Project Area Clearance Information
Passed

ASBESTOS DAILY PROJECT REPORTS
OSHA Personal Air Sample Analysis

Client:	Environmental Maintenance Engineers, Inc.	**Samples Collected By:**	Dylan Barnett
Building:	Former Pasquali's Restaurant	**Sample Collection Date:**	8/25/2023
Location:	Basement Storage	**Samples Analyzed By:**	Dylan Barnett
Project #:	AE230792	**Sample Analysis Date:**	8/25/2023

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm^2)
PS1 Series	Collected on Gregory O. Nagle	9:50 AM 11:00 AM	70	2.0	140	0.039 0.006	 *
Activity:	Floor tile removal						
STEL	Collected on Gregory O. Nagle	9:50 AM 10:20 AM	30	2.0	60	0.045	5.10
PS1R1	Collected on Gregory O. Nagle	10:20 AM 11:00 AM	40	2.0	80	0.034	5.73

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA
OSHA STEL Limit = 1.0 f/cc
* = 8 hr Time Weighted Average

1210 NORTH MAPLE ROAD
ANN ARBOR, MICHIGAN 48103
PHONE: 734-975-1970 FAX: 734-975-1973

Mr. Tom Jablonski
Big Boy Restaurant Group, LLC
26300 Telegraph Road, Suite 102
Southfield, Michigan 48033

August 7, 2023

Asbestos Containing Building Material Inspection
Commercial Building
31555 Woodward Avenue
Royal Oak, Michigan 48073
AE Project No. 23-3484ASB

Dear Mr. Jablonski,

Applied Environmental has conducted an asbestos inspection at the commercial building located at 31555 Woodward Avenue in Royal Oak, Michigan (subject building). Asbestos sampling was conducted under the National Emission Standard for Hazardous Air Pollutants (NESHAP) and Michigan Administrative Code (MAC), 1995 AACS R 336.1942 (Rule 942), which requires that an inspection be conducted for all buildings prior to renovation or demolition activities. Mr. Josh Pampuch and Jeff Tait, State of Michigan Accredited Asbestos Inspectors, conducted the asbestos inspection according to the Asbestos Hazardous Emergency Response Act (AHERA) inspection protocol. The inspection was conducted on July 25, 2023.

Introduction

The subject property is improved with of one (1) commercial building (subject building) that is approximately 7,585 square feet in size and was built in 1969. The subject building was previously utilized as a restaurant until approximately 2019. Since that time, the subject building has remained unoccupied.

Asbestos Inspection

Only the interior of the subject building was inspected, inclusive of all building systems, and all suspected Asbestos Containing Building Materials (ACBMs) were cataloged on a Homogenous Material Summary Sheet. Samples were collected throughout the subject building interior. All interior portions of the subject building were made accessible on the day of the inspection. Electricity is not available within the subject building.

Multiple samples of each suspected ACBM were collected and submitted to EMSL Analytical of Plymouth, Michigan under proper chain of custody (COC) for analysis by Polarized Light Microscopy (PLM), USEPA Method 600/R-93/116.

Samples for each homogenous material were analyzed to confirm the absence or presence of asbestos.

Each homogenous material suspected to contain asbestos was logged with a description, assigned a sample ID, and categorized as one of three types of ACBMs:

1. Surfacing Material (S) – ACBM sprayed or troweled on surfaces (walls, ceilings, structural members) for acoustical, decorative, or fireproofing purposes. This includes plaster and fireproofing insulation.

2. Thermal System Insulation (T) – Insulation used to inhibit heat transfer or prevent condensation on pipes, boilers, tanks, ducts, and various other components of hot and cold water systems and heating, ventilation, and air conditioning systems.

   This includes pipe lagging, pipe wrap; block, batt, and blanket insulation; cements and "muds"; and a variety of other products such as gaskets and ropes.

3. Miscellaneous Materials (M) – Other, largely non-friable products and materials such as floor tile, ceiling tile, roofing felt, concrete pipe, outdoor siding, and fabrics.

The building was then divided into functional spaces and the quantity of each suspected ACBMs was estimated. The location of each sample collected was noted. All suspect ACBMs were observed to be in fair condition the day of the inspection.

Homogeneous Area (HA) sample information is listed in Table 1 below.

Table 1 - Homogeneous Area (HA) Sample Information

HA Sample ID	HA Description	Category	Asbestos Present	Friable
HA-1	Yellowish Brown, Floor Sheeting w/ 12"x12" Faux Tile Pattern, and Adhesive	M	No	No
HA-2	Tan, Wall Cover w/ Vertical Line Pattern, and Adhesive	M	No	No
HA-3	Tan, Wall Cover w/ Leaf Pattern, and Adhesive	M	No	No
HA-4	White, Wall Plaster	S	No	Yes
HA-5	Off-White, Drywall, and Joint Compound	M	No	Yes
HA-6	Adhesive Associated with Brownish Orange Carpet	M	No	No
HA-7	4", Black, Cove Base, and Adhesive	M	No	No
HA-8	2'x4', Off-White, Ceiling Tile w/ Pin Holes, and Specks	M	No	Yes
HA-9	**9"x9", Gray, Floor Tile, and Adhesive**	**M**	**Yes**	**No**
HA-10	12"x12", Gray, Floor Tile, and Adhesive	M	No	No
HA-11	2'x2', Off-White, Celling Tile, w/ Pin Holes, and Fissures	M	No	Yes
HA-12	Tan, Wall Cover w/ Vertical Pin Stripes, and Adhesive	M	No	No
HA-13	2'x4', White, Ceiling Tile, w/ Fissures and Specks	M	No	Yes
HA-14	Adhesive Associated with Green Carpet	M	No	No

*__Bold__ text indicates asbestos containing building materials.

Asbestos Containing Material Identified

An ACBM is any material containing greater than 1% asbestos. Asbestos was detected in the following materials submitted for laboratory analysis:

HA-9 – 9"x9", Gray, Floor Tile, and Adhesive
9"x9", Gray, Floor Tile – 5% Chrysotile
Floor Tile Mastic, Black – Non-Detect

ACBM locations and amounts are listed in Table 2 below.

Table 2 – ACBM Locations and Amounts*

HA #s	HA Description	Location(s) & Amounts	Total Amount*
HA-9	**9"x9", Gray, Floor Tile**	**Basement Closet/ Utility Room, Adjacent to Front Stairwell**	**200 sqft**

*** Amounts are approximate**

Attachment 1 – Figure 1 – Building Layout
Attachment 2 – Results of Laboratory Analysis and Chain of Custody Forms.

Results & Discussion

Based on the information collected during the building inspection, the following recommendations are offered. These recommendations are based on currently observed conditions and the understanding that renovation activities are planned. The recommendations may have to be adjusted if change of ownership, emergency, or other factors substantially alter the condition, use, or planned future use of the building.

1. The potential exists that ACBMs hidden from view (e.g. pipe insulation in unknown pipe chases) may be present and may not have been accounted for as part of this inspection. If any newly discovered suspect ACBMs are observed during renovation/construction activities, they must be assumed to represent a hazard and be handled accordingly or be sampled and tested to determine the absence/presence of asbestos.
2. The 9"x9" gray floor tile (HA-9); located within the basement closet/ utility room, adjacent to the front stairwell, contains asbestos in a concentration greater than 1%. According to the Michigan Department of Environment, Great Lakes, and Energy (EGLE), floor tile is considered a Category I nonfriable asbestos containing material. A Category I nonfriable asbestos containing material does not have to be removed prior to demolition as long as the material is not in poor condition, or if being removed, remains nonfriable during all phases of removal, handling, and waste disposal.

Friable material is defined as any material that contains more than 1% asbestos by weight or area, depending on whether it is a bulk or sheet material and can be crumbled, pulverized, or reduced to powder by the pressure of an ordinary human hand. If any construction activities involving the floor tiles are planned, the floor tile cannot be removed using abrasive forces such as grinding, sanding, sawing, or shot blasting as such methods would render the material as friable. If demolition and/or renovations activities require the removal of the floor tile, it is recommended that the floor tile be removed by a professional licensed asbestos abatement company.

3. Samples of the roofing material, and adhesive likely associated with the large wall mounted mirrors located within the ground floor dining room, were not collected the day of the inspection. Prior to any construction/ renovation activities that require removal of any of the roofing material, and/ or adhesives associated with the wall mounted mirrors, the roofing material and/ or adhesives associated with the wall mounted mirrors should be sampled and tested to determine the absence/presence of asbestos.

4. Prior to any planned construction, renovation, or demolition activities to a newly discovered asbestos containing material ensure the contractor completes the Notice of Intent to Renovate/Demolish and submits a copy to the EGLE Air Quality Division and the Michigan Department of Licensing and Regulatory Affairs (LARA) at least 10 days prior to such activities. Other agencies (e.g., City of Royal Oak) may also have jurisdiction and requirements beyond those described above.

Applied Environmental prepared this report and the results of this Asbestos Building Inspection are limited to conclusions supportable by information reasonably ascertainable and practically reviewable. This report was prepared for Mr. Tom Jablonski of Big Boy Restaurant Group, LLC. Applied Environmental makes no representations to any other person or entity regarding the condition of the property.

Please call us at (734) 975-1970 if you have any questions or requirements that have not been addressed.

Respectfully,

Josh Pampuch
State of Michigan Asbestos Inspector
Accreditation No. A53909
Applied Environmental

Attachment 1 – Figure 1 - Building Layout
Attachment 2 - Results of Laboratory Analysis and Chain of Custody Forms

Figure 1 – Building Layout

72-25-06-404-019
31555 WOODWARD

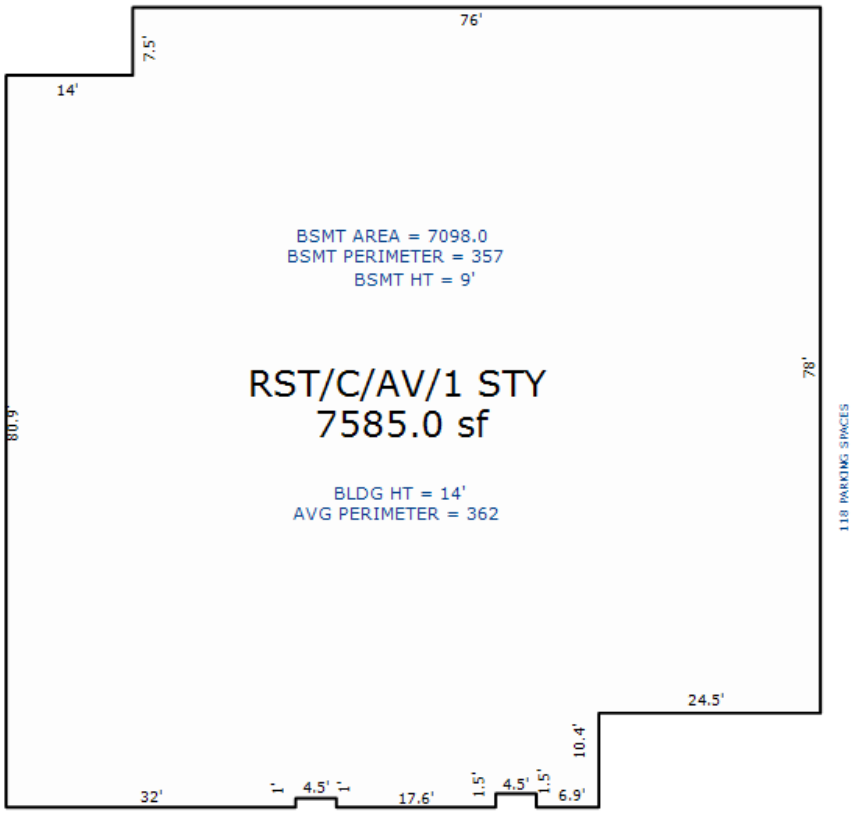

Figure 2 – Results of Laboratory Analysis and Chain of Custody Forms

EMSL Analytical, Inc.

15111 Northville Rd Plymouth, MI 48170

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

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

EMSL Order: 082301676
Customer ID: APPL68
Customer PO:
Project ID:

Attention: Josh Pampuch
Applied Environmental
1210 N Maple Rd
Ann Arbor, MI 48103

Project: 23-3484

Phone: (734) 975-1970
Fax: (734) 975-1973
Received Date: 07/25/2023 2:00 PM
Analysis Date: 07/26/2023 - 07/27/2023
Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1A *082301676-0001*	Linoleum	Brown/Gray Fibrous Heterogeneous	30% Cellulose 10% Glass	60% Non-fibrous (Other)	None Detected
1A *082301676-0001A*	Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
1A *082301676-0001B*	Foam/Leveler	Gray/Black Non-Fibrous Heterogeneous	<1% Cellulose	<1% Quartz 100% Non-fibrous (Other)	None Detected
1B *082301676-0002*	Adhesive A	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
1B *082301676-0002A*	Linoleum	Brown/Gray Fibrous Heterogeneous	25% Cellulose 8% Glass	67% Non-fibrous (Other)	None Detected
1B *082301676-0002B*	Adhesive B/Leveler	Brown/Yellow Non-Fibrous Heterogeneous	<1% Cellulose	<1% Quartz 100% Non-fibrous (Other)	None Detected
1C *082301676-0003*	Linoleum	Gray/Tan Fibrous Heterogeneous	30% Cellulose 8% Glass	62% Non-fibrous (Other)	None Detected
1C *082301676-0003A*	Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
1C *082301676-0003B*	Leveler/Mastic	Gray/Black Non-Fibrous Heterogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
2A *082301676-0004* *No adhesive present.*	Wall Cover & Adhesive	Red/Green/Beige Fibrous Heterogeneous	95% Cellulose 2% Synthetic	3% Non-fibrous (Other)	None Detected
2B *082301676-0005* *No adhesive present.*	Wall Cover & Adhesive	Red/Green/Beige Fibrous Heterogeneous	92% Cellulose <1% Synthetic	8% Non-fibrous (Other)	None Detected
2C *082301676-0006* *No adhesive present.*	Wall Cover & Adhesive	Red/Green/Beige Fibrous Heterogeneous	90% Cellulose 4% Synthetic	6% Non-fibrous (Other)	None Detected
3A *082301676-0007*	Wall Cover	Tan/Beige Fibrous Homogeneous	92% Cellulose 3% Synthetic	5% Non-fibrous (Other)	None Detected
3A *082301676-0007A*	Adhesive	Clear Non-Fibrous Homogeneous	3% Cellulose <1% Synthetic	97% Non-fibrous (Other)	None Detected
3B *082301676-0008* *No adhesive present.*	Wall Cover & Adhesive	Tan/Beige Fibrous Heterogeneous	93% Cellulose 3% Synthetic	4% Non-fibrous (Other)	None Detected

Initial report from: 07/28/2023 13:05:41

EMSL Analytical, Inc.
15111 Northville Rd Plymouth, MI 48170
Tel/Fax: (734) 668-6810 / (734) 668-8532
http://www.EMSL.com / annarborlab@emsl.com

EMSL Order: 082301676
Customer ID: APPL68
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
3C *082301676-0009*	Wall Cover	Tan/Beige Fibrous Homogeneous	90% Cellulose 5% Synthetic	5% Non-fibrous (Other)	None Detected
3C *082301676-0009A*	Adhesive	Beige Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
4A *082301676-0010*	Plaster	White Non-Fibrous Homogeneous	4% Wollastonite	3% Mica 93% Non-fibrous (Other)	None Detected
4B *082301676-0011*	Plaster	White Non-Fibrous Homogeneous	5% Wollastonite	3% Mica 92% Non-fibrous (Other)	None Detected
4C *082301676-0012*	Plaster	White Non-Fibrous Homogeneous	<1% Wollastonite	<1% Quartz <1% Mica 100% Non-fibrous (Other)	None Detected
5A *082301676-0013* *No drywall or joint compound present.*	Finish Coat	White Non-Fibrous Homogeneous	<1% Cellulose	<1% Quartz 100% Non-fibrous (Other)	None Detected
5A *082301676-0013A*	Base Coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	2% Quartz 98% Non-fibrous (Other)	None Detected
5B *082301676-0014* *No drywall or joint compound present.*	Finish Coat	White Non-Fibrous Homogeneous	<1% Cellulose	<1% Quartz 100% Non-fibrous (Other)	None Detected
5B *082301676-0014A* *No drywall or joint compound present.*	Base Coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	2% Quartz 98% Non-fibrous (Other)	None Detected
5C *082301676-0015* *No drywall or joint compound present.*	Drywall & Joint Compound	Brown/Gray Fibrous Heterogeneous	4% Cellulose	<1% Quartz 96% Non-fibrous (Other)	None Detected
5D *082301676-0016* *No joint compound present.*	Drywall & Joint Compound	Brown/Gray Fibrous Heterogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
5E *082301676-0017* *No joint compound present.*	Drywall & Joint Compound	Brown/Gray Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
6A *082301676-0018*	Carpet Adhesive	Tan/Black Non-Fibrous Heterogeneous	<1% Cellulose <1% Synthetic	<1% Quartz 100% Non-fibrous (Other)	None Detected
6B *082301676-0019*	Carpet Adhesive	Tan/Black Non-Fibrous Heterogeneous	<1% Cellulose <1% Synthetic	3% Quartz 97% Non-fibrous (Other)	None Detected
6C *082301676-0020*	Carpet Adhesive	Black/Yellow Non-Fibrous Heterogeneous	<1% Cellulose <1% Synthetic	5% Quartz 95% Non-fibrous (Other)	None Detected
7A *082301676-0021*	Cove Base	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7A *082301676-0021A*	Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/28/2023 13:05:41

EMSL Analytical, Inc.
15111 Northville Rd Plymouth, MI 48170
Tel/Fax: (734) 668-6810 / (734) 668-8532
http://www.EMSL.com / annarborlab@emsl.com

EMSL Order: 082301676
Customer ID: APPL68
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
7B *082301676-0022*	Cove Base	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7B *082301676-0022A*	Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
7C *082301676-0023*	Cove Base	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
7C *082301676-0023A*	Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose	<1% Quartz 100% Non-fibrous (Other)	None Detected
8A *082301676-0024*	Ceiling Tile	Gray/White Fibrous Heterogeneous	30% Cellulose 30% Min. Wool	40% Perlite	None Detected
8B *082301676-0025*	Ceiling Tile	Gray/White Fibrous Heterogeneous	30% Cellulose 30% Min. Wool	40% Perlite	None Detected
8C *082301676-0026*	Ceiling Tile	Gray/White Fibrous Heterogeneous	25% Cellulose 25% Min. Wool	40% Perlite 10% Non-fibrous (Other)	None Detected
9A *082301676-0027*	Floor Tile	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
9A *082301676-0027A*	Mastic	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
9B *082301676-0028*	Floor Tile	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
9B *082301676-0028A*	Mastic	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
9C *082301676-0029*	Floor Tile	Tan/Black/Beige Non-Fibrous Heterogeneous		95% Non-fibrous (Other)	5% Chrysotile
9C *082301676-0029A*	Mastic	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
10A *082301676-0030*	Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10A *082301676-0030A*	Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10B *082301676-0031*	Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10B *082301676-0031A*	Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10C *082301676-0032*	Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10C *082301676-0032A*	Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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EMSL Order: 082301676
Customer ID: APPL68
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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
11A *082301676-0033*	Ceiling Tile	Gray/White Fibrous Heterogeneous	30% Cellulose 25% Min. Wool	45% Perlite	None Detected
11B *082301676-0034*	Ceiling Tile	Gray/White Fibrous Heterogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
11C *082301676-0035*	Ceiling Tile	Gray/White Fibrous Heterogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
12A *082301676-0036* *No adhesive present.*	Wall Cover	Blue/Beige/Gold Fibrous Heterogeneous	5% Cellulose 12% Synthetic	83% Non-fibrous (Other)	None Detected
12A *082301676-0036A* *No adhesive present.*	Joint Compound	White Non-Fibrous Homogeneous		3% Mica 97% Non-fibrous (Other)	None Detected
12B *082301676-0037* *No adhesive present.*	Wall Cover	Blue/Beige/Gold Fibrous Heterogeneous	4% Cellulose 12% Synthetic	84% Non-fibrous (Other)	None Detected
12B *082301676-0037A* *No adhesive present.*	Joint Compound	White Non-Fibrous Homogeneous		5% Mica 95% Non-fibrous (Other)	None Detected
12C *082301676-0038* *No adhesive present.*	Wall Cover	Blue/Beige/Gold Fibrous Heterogeneous	4% Cellulose 11% Synthetic	85% Non-fibrous (Other)	None Detected
12C *082301676-0038A* *No adhesive present.*	Joint Compound	White Non-Fibrous Homogeneous		6% Mica 94% Non-fibrous (Other)	None Detected
13A *082301676-0039*	Ceiling Tile	Gray/White Fibrous Heterogeneous	25% Cellulose 15% Min. Wool	45% Perlite 15% Non-fibrous (Other)	None Detected
13B *082301676-0040*	Ceiling Tile	Gray/White Fibrous Heterogeneous	20% Cellulose 10% Min. Wool	40% Perlite 30% Non-fibrous (Other)	None Detected
13C *082301676-0041*	Ceiling Tile	Gray/White/Yellow Fibrous Heterogeneous	35% Cellulose 15% Min. Wool	40% Perlite 10% Non-fibrous (Other)	None Detected
14A *082301676-0042*	Carpet Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic	100% Non-fibrous (Other)	None Detected
14B *082301676-0043*	Carpet Adhesive	Yellow Non-Fibrous Homogeneous	2% Cellulose <1% Synthetic	98% Non-fibrous (Other)	None Detected
14C *082301676-0044*	Carpet Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic	<1% Quartz 100% Non-fibrous (Other)	None Detected

Initial report from: 07/28/2023 13:05:41

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EMSL Order:	082301676
Customer ID:	APPL68
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Project ID:	

Analyst(s)

Ashton Bullock (44)
Madeline Ryan (22)

Eric Budai, Laboratory Manager
or Other Approved Signatory

Initial report from: 07/28/2023 13:05:41

OrderID: 082301676

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

082301676

EMSL Analytical, Inc
200 Route 130 North
Cinnaminson, NJ 08077
PHONE (800) 220-3675
EMAIL OrmAsblab@EMSL.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	APPLIED ENVIRONMENTAL	Company Name:	
Contact Name:	JOSH PAMPUCH	Billing Contact:	
Street Address:	1210 NORTH MAPLE RD.	Street Address:	
City, State, Zip:	ANN ARBOR, MI, 48103	Country: USA	City, State, Zip: Country:
Phone:	(734) 771-6552		Phone:
Email(s) for Report:	JOSHUAP@APPLIEDENV.COM		Email(s) for Invoice:

Project Information

Project Name/No:	23-3484		Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: MI	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:	JOSH PAMPUCH	Sampled By Signature:	Date Sampled: 7/25/23 — No. of Samples in Shipment: 44

Turn Around Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11 30am

Test Selection

PLM - Bulk (reporting limit)

- ☒ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0 25%) ☐ 1,000 (<0.1%)
- ☐ POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0 25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☐ NYS 198 1 (Friable - NY)
- ☐ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

- ☐ TEM EPA NOB
- ☐ NYS NOB 198 4 (Non-Friable - NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☐ Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description
1-(A-C)	1	BASEMENT BAR.	YELLOW, TAN 12"x12" FLOOR TILE FLOOR SHEET + MASTIC
2-(A-C)	2	GREEN, VERTICAL COLUMN PATTERN WALL COVER + ADHESIVE	BANQUET HALLS BASEMENT
3-(A-C)	3	TAN, LEAFY PATTERN, WALL COVER + ADHESIVE	BASEMENT BANQUET HALLS.
4-(A-C)	4	WHITE, PLASTER.	BASEMENT BANQUET HALL
5-(A-E)	5	OFF-WHITE, DRYWALL JOINT COMPOUND	THROUGHOUT BUILDING.
6-(A-C)	6	CARPET ADHESIVE ASSOCIATED W/ BROWNISH ORANGE CARPET	BASEMENT BANQUET HALL
7-(A-C)	7	4", BLACK COVE BASE + MASTIC	THROUGHOUT BUILDING.
8-(A-C)	8	2'x4', OFF-WHITE, CEILING TILE W/ PIN HOLES + SPECS.	1ST FLOOR DINING ROOM FRONT BASEMENT STAIRWELL
9-(A-C)	9	9"x9", GRAY, FLOOR TILE + MASTIC	CLOSET IN BASEMENT NEAR FRONT STAIRWELL
10-(A-C)	10	12"x12", GRAY, FLOOR TILE + MASTIC	REAR BASEMENT HALLWAY.

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment:	Drop-off	Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by: MF WI	Date/Time 2:00

Controlled Document - Asbestos Bulk R7 9/14/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.) 7/25/23

OrderID: 082301676

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: CinnAslab@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
11-(A-C)	11	2'x2', OFF WHITE, CEILING TILE W/ PIN HOLES + FISSURES. + ADHESIVE	REAR BASEMENT HALLWAY
12-(A-C)	12	TAN, WALL COVER W/ VERTICAL STRIPES.	BASEMENT OFFICE
13-(A-C)	13	2'x4', WHITE, CEILING TILE, W/ PIN HOLES + FISSURES.	LOBBY, + 1ST FLOOR BAR
14-(A-C)	14	CARPET ADHESIVE ASSOCIATED WITH GREEN CARPET	1ST FLOOR BAR

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by: MR WE	Date/Time 7/25/23

Controlled Document - Asbestos Bulk R7 09/14/2021

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.) 2:00

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Page of

Archived: Tuesday, March 19, 2024 8:41:59 AM
From: Tom Jablonski
Sent: Friday, March 8, 2024 6:19:23 PM
To: Eisinger, Diane (EGLE)
Subject: RE: U632401310 31555 Woodward Avenue, Royal Oak, Oakland County ASBVN
Importance: Normal
Sensitivity: None
Attachments:
asbestos inspection - 23-3484ASB Jablonski - Royal Oak.pdf; Asbestos abatement - 23-471 Vacant Restaurant Building, 31555 Woodward Ave., Royal Oak WM AMR.pdf

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Ms. Eisinger,

I am in receipt of your email regarding a violation as the result of an inspection of the subject property on February 14, 2024. I previously spoke with Mr. Jeff Benya from your office in order to clarify why a violation was issued. My understanding is that either Big Boy or the demolition contractor was required to provide the EGLE a 10-day Notice of Intent to Demolish. As I explained to Mr. Benya, Big Boy was unaware of this requirement. We thought we were in compliance with all demolition requirements since we had previously remediated the asbestos, and the appropriate demolition permit was obtained from the City of Royal Oak (with the appropriate disconnection notices from both the electric and gas utilities, as well as a vermin pest control inspection). I've attached a copy of the 8/7/23 asbestos inspection report from Applied Environmental and the subsequent 9/15/23 asbestos abatement report from Environmental Maintenance Engineers.

We have reviewed the "Understanding NESHAP" factsheet and are now properly knowledgeable of the process necessary in the event we're involved in another project requiring asbestos abatement. I am hopeful that the EGLE will accept this explanation and that no additional action is necessary regarding this violation.

Thank you for your understanding and consideration.

Tom Jablonski
VP of Development
Big Boy Restaurant Group LLC
26300 Telegraph
Suite 102
Southfield, MI 48033
(586) 755-8108

From: Eisinger, Diane (EGLE) <EisingerD1@michigan.gov>
Sent: Thursday, February 29, 2024 8:14 AM
To: Tom Jablonski <tjablonski@bigboy.com>
Subject: U632401310 31555 Woodward Avenue, Royal Oak, Oakland County ASBVN

Good Morning,
Please see attachments.

Thank you,

Diane Eisinger
Secretary
Air Quality Division
Michigan Department of Environment, Great Lakes, and Energy
517-242-3299
eisingerd1@michigan.gov
Follow Us | **Michigan.gov**

EGLE

Michigan.gov/EGLE

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