

LIMITED HAZARDOUS BUILDING MATERIAL INSPECTION REPORT

***Montgomery County Environmental Services
Eastern Regional Water Reclamation Facility Renovation Project
1802 Spaulding Road
Dayton, Ohio 45432***

(L&A Project #: 24-0344)



Prepared for:

***Mr. Tom Gates
Vice President
SPGB Architects
433-A Tuller Road
Dublin, Ohio 43017
614.771.8963***

Prepared by:

***Lawhon & Associates, Inc.
1441 King Avenue
Columbus, Ohio 43212
614.481.8600***

September 24, 2024



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Limited Hazardous Building Materials Inspection Report Montgomery County Environmental Services Eastern Regional Water Reclamation Facility Renovation Project

1.0 Introduction

Lawhon & Associates, Inc. (L&A) conducted a Limited Hazardous Building Materials Inspection (Including ACMs) at the Montgomery County Environmental Services – Eastern Regional Water Reclamation Facility located at 1802 Spaulding Road, Dayton, Ohio 45432. This survey was conducted on September 11, 2024, by Mr. Aris Neace, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (CAHES [AHES #36144]), and Mr. Austin Coldren, Ohio Environmental Protection Agency (OEPA) Certified Asbestos Hazard Evaluation Specialist (CAHES [AHES #548697]). The consultant's certifications are attached in **Appendix A**.

The purpose of the inspection was to determine the presence of asbestos containing materials (ACMs), which will be impacted by the Eastern Regional Water Reclamation Facility Renovations Project. L&A conducted the assessment based on the scope of work outlined in the renovation plans. Three (3) separate structures are projected to be impacted by renovation activities and were inspected respectively. For reporting purposes these structures are designated as follows: Operations Building, Maintenance Building, and Secondary Building. If the scope of work expands to include materials beyond the original scope work, an additional inspection will be necessary prior to renovations. This report conforms to the requirements of the Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP). This report should not be construed as a remediation design.

2.0 Asbestos Containing Materials

Asbestos containing materials are governed by the Environmental Protection Agency's (EPA) National Emission Standards of Hazardous Air Pollutants (NESHAP) during a demolition. These materials are defined as containing greater than one percent asbestos. The Occupational Safety and Health Administration (OSHA) govern building materials containing any amount of asbestos.

The Clean Air Act (CAA) of 1970 required the EPA to develop and enforce regulations to protect the general public from exposure to airborne contaminants that are known to be hazardous to human health; therefore, EPA promulgated the National Emission Standards for Hazardous Air Pollutants (NESHAP) (Title 40, CFR Part 61) on April 6, 1973. NESHAP is intended to minimize the release of asbestos fibers during certain activities (i.e., renovations, demolition, and installations). It specifies work practices to be followed during renovations of buildings (except apartment buildings that have no more than four dwelling units), which contain a specific amount of friable asbestos. NESHAP requires that buildings be inspected for asbestos containing building materials (ACBM) prior to renovation/demolition projects regardless of the age of the structure.

NESHAP also requires owners and operators subject to the asbestos rules to notify delegated state and local agencies and/or the regional EPA offices before demolition or renovation activities begin. In addition, NESHAP requires the removal of all regulated asbestos containing materials (RACM) prior to demolition. Regulated Asbestos-

Containing Materials (RACM) are (a) friable asbestos material, which are materials easily reduced to powder with hand pressure (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 in the course of demolition or renovation operations. (Category I non-friable materials consist of materials such as resilient floor covering products, roofing products, gaskets, and packing. Category II non-friable materials consist of all other non-friable materials such as transite.). NESHAP also requires all ACM (including Category I and II) be removed prior to intentional burning, such as for a fire department training exercise.

The Ohio Environmental Protection Agency (EPA) regulates asbestos activities within the state. Professionals performing asbestos related activities must be certified/ licensed by OEPA.

2.1 Methodology

A list of suspect ACMs was compiled from the investigation of the work areas. Materials were categorized into RACM, Category I and Category II materials. L&A inventoried and procured select confirmatory samples of materials that must be removed prior to demolition/renovation.

Materials suspected of containing asbestos were grouped into homogeneous areas for bulk sampling purposes. A homogeneous area is composed of specific material that appears to be the same in color, texture, date of installation or location (e.g., grey spray-applied fireproofing in a specific construction unit).

The number of bulk samples to be procured for each identified homogeneous area of suspected Surfacing Materials, Thermal System Insulations, and Miscellaneous Materials were determined in accordance with 40 CFR 763.

Specifically, Friable and Nonfriable Surfacing Materials (i.e., fireproofing, acoustical plaster, decorative plaster, hard plaster, and textured coatings) were sampled following the guidelines set forth by the USEPA in the document "Asbestos in Buildings - Simplified Sampling Scheme Friable Surfacing Materials." Based upon the square footage of the homogenous surfacing materials, either a minimum of 3, 5, or 7 bulk samples were randomly procured and analyzed. For Thermal System Insulation (TSI), at least 3 random samples of each homogeneous area of TSI were procured and analyzed and 1 sample of patched TSI if it was <6 linear or square feet. For Miscellaneous Materials (MM), at least 2 random samples of each homogeneous area of MM were procured and analyzed.

Samples were placed into clean sealed containers and identified with a unique sample number. Sampling tools were decontaminated between each sampling episode.

All samples were sent to certified National Voluntary Lab Accredited Program laboratories. The lab used for sample analysis of asbestos on this project was SanAir (NVLAP #60027-0) located at 11709 Chesterdale Road, Cincinnati, Ohio

45246. Samples were analyzed by the EPA Polarized Light Microscopy (PLM) 600 Method. Samples reported with low concentrations of asbestos, <3% asbestos content, were reanalyzed using the EPA Point Count Method to determine a more accurate content.

3.0 Asbestos Containing Material Summaries

The following tables present ACM summaries. A bulk sample diagram depicting where samples were collected can be found in **Appendix B**. A bulk sample summary form summarizing the asbestos bulk samples collected and analyzed is attached in **Appendix C**. Laboratory analysis certificates and chain of custody information can be found in **Appendix D**.

3.1 Confirmed Asbestos Containing Materials

No suspect building materials sampled as part of this effort were identified as containing asbestos.

3.2 Assumed Asbestos Containing Materials

As a result of the inspection, no materials identified were assumed to contain asbestos. All materials identified were bulk sampled and analyzed as part of this assessment.

3.3 Non-Asbestos Containing Materials

The following is a list of materials, confirmed by PLM laboratory analysis, that are asbestos free. Any encountered materials not listed below should be assumed to contain asbestos until further sampling determines otherwise.

Non-Asbestos Containing Materials	
Operations Building	
2'x4' Ceiling Panel – Pinhole/Medium Fissure	2'x2' Ceiling Panel – Pinhole/Small Fissure
2'x4' Ceiling Panel – Pinhole/Large Fissure	2'x2' Ceiling Panel – Pinhole/White
Drywall/Joint Compound	Spray Applied Fireproofing
Floor Caulk	Door Caulk
Stairwell Caulk	Tabletop Caulk
Lab Top	Black Sink Undercoating
6" Grey Cove Base/Mastic	4" Grey Cove Base/Mastic

Non-Asbestos Containing Materials	
4" Beige Cove Base/Mastic	Grey Sheet Floor/Mastic
Blue Sheet Floor/Mastic	Grey Elevator Cab Flooring/Mastic
12" Floor Tile – Grey with Blue Specks/Mastic	12" Grey Mottle Floor Tile/Mastic
Raised Floor Mastic	Tan Carpet Mastic
Maintenance Building	
2'x2' Ceiling Panel – Pinhole/Small Fissure	Ceramic Floor System
Ceramic Wall System	
Secondary Building	
2'x2' Ceiling Panel – Pinhole/Small Hole	Ceramic Floor System
Ceramic Wall System	Concrete Deck Caulk
Fiberglass Pipe Insulation Sealant	

4.0 Other Environmental Issues

4.1 Fluorescent/CFL Bulbs and Ballasts

L&A observed fluorescent/CFL light bulbs and associated ballasts throughout the potential work areas. Since these bulbs are projected to be impacted by the renovation, they should be removed and recycled because the fluorescent bulbs are assumed to contain mercury, or other potentially hazardous heavy metals. Furthermore, light ballasts potentially contain PCB oils and are normally labeled "Contains No PCBs" if PCBs are not present. All light ballasts will need to be investigated prior to impact from renovation activities. Ballasts not identified with a "Contains No PCBs" label, will need to be disposed of as a regulated hazardous material; ballasts containing a "Contains No PCBs" label should be containerized and recycled. All removal, packaging, and handling of these materials should be performed by a trained hazardous material abatement contractor. The hazardous material contractor should remove and package this material and safely transport off-site.

4.2 Laboratory Drain Traps/ Drain Piping

Lab drain traps are assumed to be present throughout the laboratory section of the renovation area. Additionally, lab drainpipe (acid waste) is assumed to be located within the laboratory of the Operations Building. These traps/pipes should be assumed to contain unknown concentrations of hazardous materials such as mercury, heavy metals, and other unidentified substances. If renovation work practices will impact the drain traps/ pipes then the contents of these drain traps/ pipes should be inspected for fluid and solid matter, and if present, should be tested for hazardous substances; including, but not limited to the EPA Toxic Characteristic Leaching Procedure (TCLP) Resource Conservation Recovery Act (RCRA) eight (8) heavy metals (Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver). HAZWOPER trained personnel should perform testing and any required disposal (if necessary) of this material.

4.3 Stored Chemicals/ Gas Cylinders

During the inspection, L&A observed chemicals and gas cylinders being stored within the lab and lab prep areas. These stored chemicals/cylinders should be appropriately stored/disposed of by properly trained personnel, prior to renovation activities.

5.0 Conclusions

L&A conducted a Limited Hazardous Building Materials Inspection for the Montgomery County Environmental Services, Eastern Regional Water Reclamation Facility Renovation Project. This assessment was conducted on September 11, 2024, by Mr. Aris Neace and Mr. Austin Coldren, of L&A. The inspection included three (3) structures projected to be impacted by renovation activities: Operations Building, Maintenance Building, and Secondary Building. The purpose of the inspection was to determine the presence of asbestos containing building materials and other potential hazards in the project work areas prior to renovation activities.

5.1 Asbestos Containing Materials

As a result of the inspection, no materials that were bulk sampled and submitted for analysis were found to be asbestos containing.

This report conforms to the EPA NESHAPs requirements prior to renovation. This report should not be construed as a remediation design or used as a bidding document. If you have any further questions, please contact Jordan Mederer at (614) 481-8600.

Sincerely,



Austin Coldren, AHES #548697
Environmental Technician



Jordan Mederer, AHES #35005
Practice Leader, HBM

APPENDIX A

Inspector's Certifications



Mike DeWine, Governor
Jon Husted, Lt. Governor
Anne M. Vogel, Director

4/30/2024

Austin Coldren
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES548697
Expiration Date: 5/30/2025

Dear Austin Coldren:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Brandon M. Schwendeman

Brandon Schwendeman
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control



P.O. Box 1049 • Columbus, OH 43216-1049
614-3020 • (614) 644-3184 (fax)

The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses



Austin Coldren

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2

Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: April 17, 2024

Course Director:


Kurt Varga

Expiration Date: April 17, 2025

Examination Date: April 17, 2024

Course Location: Worthington, Ohio

Certificate Numbers: ITNIR7598 & ITNMPR7598

ITN

ITN



Mike DeWine, Governor
Jon Husted, Lt. Governor
Anne M. Vogel, Director

4/4/2024

Michael Neace
Lawhon & Associates, Inc.
1441 King Avenue
Columbus, OH 43212

RE: Evaluation Specialist
Certification Number: ES36144
Expiration Date: 4/3/2025

Dear Michael Neace:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Brandon M. Schwendeman

Brandon Schwendeman
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control



Site 700 • P.O. Box 1049 • Columbus, OH 43216-1049
• (614) 644-3020 • (614) 644-3184 (fax)

The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses



Michael Neace

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2
Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: November 1, 2023

Examination Date: November 1, 2023

Course Director:


Kurt Varga

Course Location: Worthington, Ohio

Expiration Date: November 1, 2024

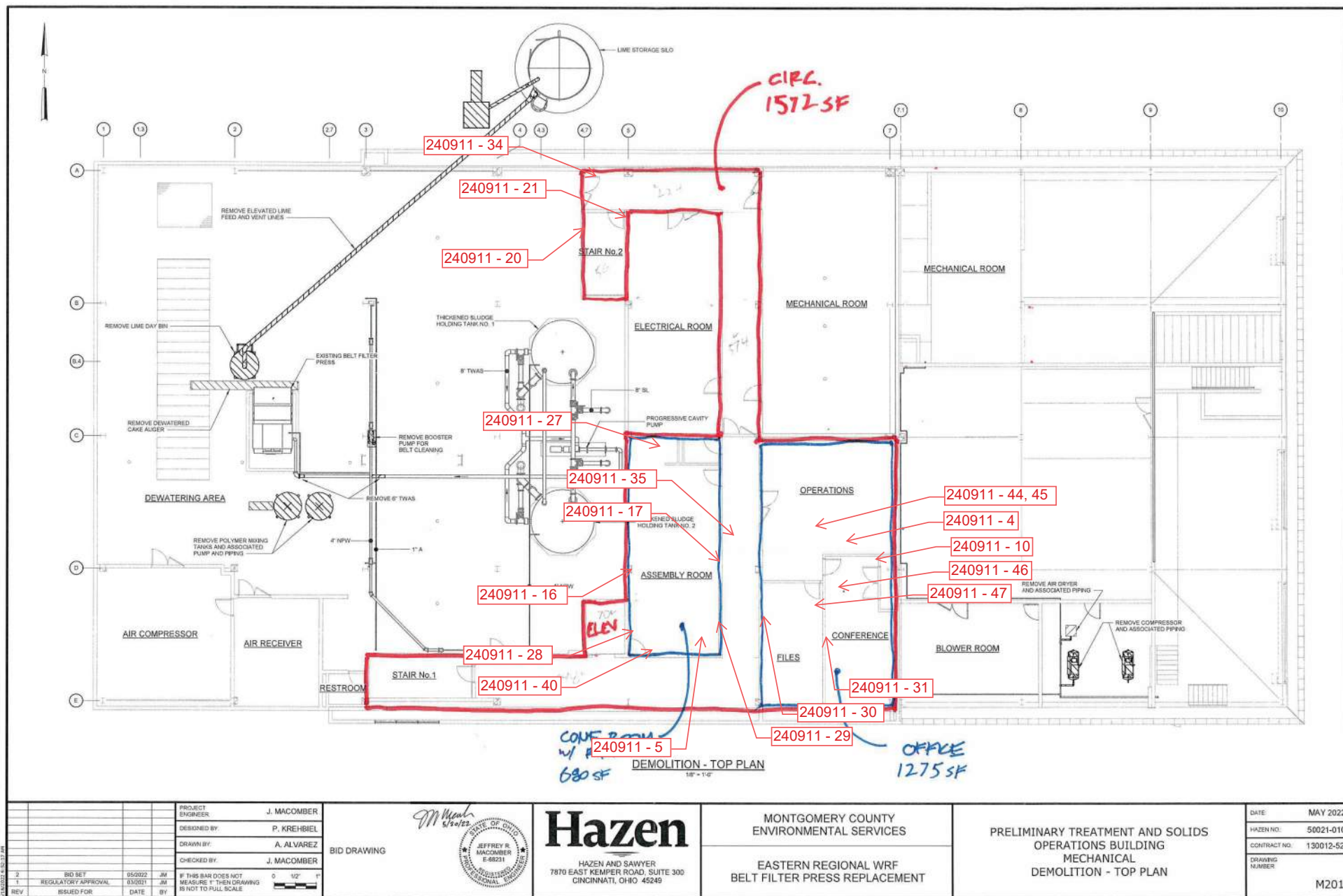
Certificate Numbers: ITNIR7488 & ITNMPR7488

ITN

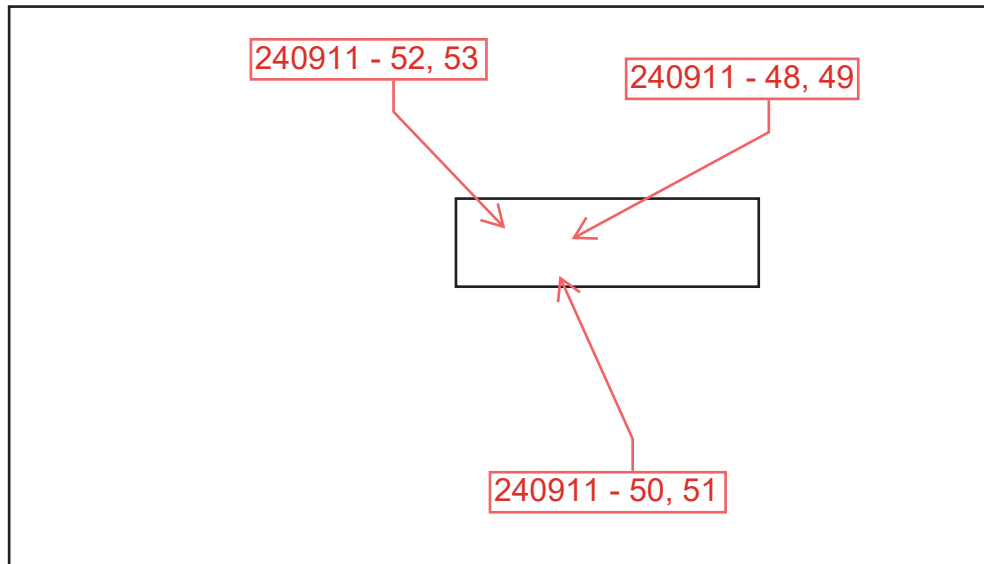
ITN

APPENDIX B

Asbestos Bulk Sample Location Diagram



Maintenance Building



Asbestos Bulk Sample Location Diagram

Collected on 09/11/2024

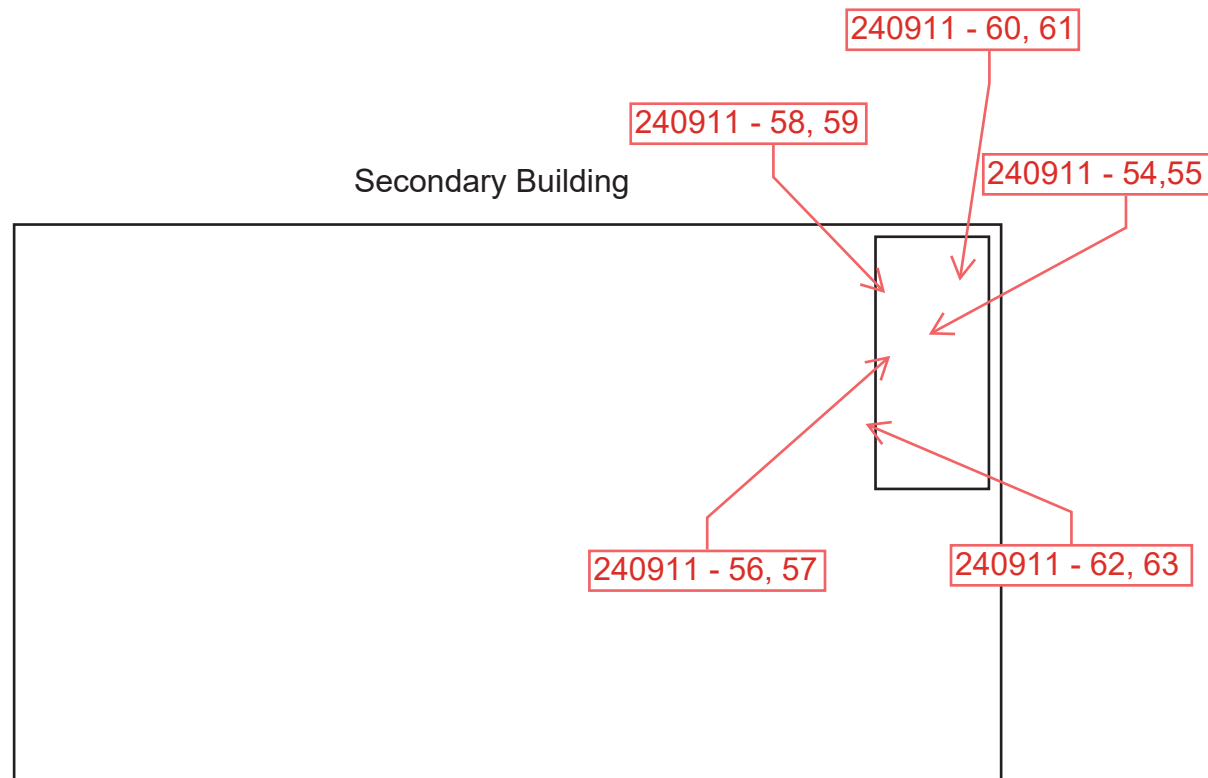
Collected by :

Austin Coldren, AHES 548697

Aris Neace, AHES 36144

Austin Coldren *Aris Neace*

Secondary Building



APPENDIX C

Asbestos Bulk Sample Summary

BULK SAMPLE SUMMARY
Montgomery County Environmental Services
Eastern Regional Water Reclamation Facility Renovation Project

Sample Number	Hom. Area #	Material Sampled	Sample Location	Percent Asbestos
Operations Building				
240911 – 1	1	2'x4' Ceiling Panel – Pinhole/Medium Fissure	Laboratory	NAD
240911 – 2	1	2'x4' Ceiling Panel – Pinhole/Medium Fissure	Laboratory	NAD
240911 – 3	2	2'x2' Ceiling Panel – Pinhole/Small Fissure	Stairwell Corridor	NAD
240911 – 4	2	2'x2' Ceiling Panel – Pinhole/Small Fissure	Operations Room	NAD
240911 – 5	3	2'x4' Ceiling Panel – Pinhole/Large Fissure	Assembly Room	NAD
240911 – 6	3	2'x4' Ceiling Panel – Pinhole/Large Fissure	Lunchroom	NAD
240911 – 7	4	2'x2' Ceiling Panel – Pinhole/White	Laboratory	NAD
240911 – 8	4	2'x2' Ceiling Panel – Pinhole/White	Laboratory	NAD
240911 – 9	5a	Drywall	Conference	NAD
	5b	Joint Compound		NAD
240911 – 10	5a	Drywall	Lunchroom	NAD
	5b	Joint Compound		NAD
240911 – 11	6	Spray Applied Fireproofing	Lunchroom	NAD
240911 – 12	6	Spray Applied Fireproofing	Lunchroom	NAD
240911 – 13	6	Spray Applied Fireproofing	Corridor outside of Laboratory	NAD

Bold text denotes an Asbestos Containing Material; as defined by EPA and OSHA.

Italics text denotes an Asbestos Containing Material; as defined by OSHA only.

Legend

Abbreviation:	Definition:	Abbreviation:	Definition:
PC	Point Count Method Performed	NAD	No Asbestos Detected

BULK SAMPLE SUMMARY
Montgomery County Environmental Services
Eastern Regional Water Reclamation Facility Renovation Project

Sample Number	Hom. Area #	Material Sampled	Sample Location	Percent Asbestos
240911 – 14	6	Spray Applied Fireproofing	Corridor outside of Laboratory	NAD
240911 – 15	6	Spray Applied Fireproofing	Corridor outside of Lunchroom	NAD
240911 – 16	7	Floor Caulk	Assembly Room	NAD
240911 – 17	7	Floor Caulk	Assembly Room	NAD
240911 – 18	8	Door Caulk	Lunchroom	NAD
240911 – 19	8	Door Caulk	Laboratory	NAD
240911 – 20	9	Stairwell Caulk	Stairwell Caulk	NAD
240911 – 21	9	Stairwell Caulk	Stairwell Caulk	NAD
240911 – 22	10	Tabletop Caulk	Laboratory	NAD
240911 – 23	10	Tabletop Caulk	Laboratory	NAD
240911 – 24	11	Lab Top	Laboratory	NAD
240911 – 25	11	Lab Top	Laboratory	NAD
240911 – 26	12	Black Sink Undercoating	Lunchroom	NAD
240911 – 27	12	Black Sink Undercoating	2nf Floor Kitchenette	NAD
240911 – 28	13a	6" Grey Cove Base	Assembly Room	NAD
	13b	Cove Base Mastic I		NAD
240911 – 29	13a	6" Grey Cove Base	Assembly Room	NAD
	13b	Cove Base Mastic I		NAD
240911 – 30	14a	4" Grey Cove Base	Files	NAD
	14b	Cove Base Mastic II		NAD

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Legend

Abbreviation:	Definition:	Abbreviation:	Definition:
PC	Point Count Method Performed	NAD	No Asbestos Detected

BULK SAMPLE SUMMARY
Montgomery County Environmental Services
Eastern Regional Water Reclamation Facility Renovation Project

Sample Number	Hom. Area #	Material Sampled	Sample Location	Percent Asbestos
240911 – 31	14a	4" Grey Cove Base	Conference	NAD
	14b	Cove Base Mastic II		NAD
240911 – 32	15a	4" Beige Cove Base	Lab	NAD
	15b	Cove Base Mastic II		NAD
240911 – 33	15a	4" Beige Cove Base	Lab	NAD
	15b	Cove Base Mastic II		NAD
240911 – 34	16a	Grey Sheet Floor	Stairwell	NAD
	16b	Sheet Floor Mastic		NAD
240911 – 35	16a	Grey Sheet Floor	Outside Assembly Room	NAD
	16b	Sheet Floor Mastic I		NAD
240911 – 36	17a	Blue Sheet Floor	Laboratory	NAD
	17b	Sheet Floor Mastic II		NAD
240911 – 37	17a	Blue Sheet Floor	Laboratory	NAD
	17b	Sheet Floor Mastic II		NAD
240911 – 38	18	Grey Elevator Cab Flooring	Elevator	NAD
		Grey Elevator Cab Mastic		NAD
		Grey Elevator Cab Leveler		NAD
240911 – 39	18	Grey Elevator Cab Flooring	Elevator	NAD
		Grey Elevator Cab Mastic		NAD
		Grey Elevator Cab Leveler		NAD
240911 – 40	19a	12" Floor Tile – Grey with Blue Specks	Assembly Room	NAD
	19b	Black Mastic		NAD

Bold text denotes an Asbestos Containing Material; as defined by EPA and OSHA.

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Legend

Abbreviation:	Definition:	Abbreviation:	Definition:
PC	Point Count Method Performed	NAD	No Asbestos Detected

BULK SAMPLE SUMMARY
Montgomery County Environmental Services
Eastern Regional Water Reclamation Facility Renovation Project

Sample Number	Hom. Area #	Material Sampled	Sample Location	Percent Asbestos
240911 – 41	19a	12" Floor Tile – Grey with Blue Specks	Lunchroom	NAD
	19b	Black Mastic		NAD
240911 – 42	20a	12" Grey Mottle Floor Tile	Office	NAD
	20b	Mastic		NAD
240911 – 43	20a	12" Grey Mottle Floor Tile	Office	NAD
	20b	Mastic		NAD
240911 – 44	21	Raised Floor Mastic	Operations Room	NAD
240911 – 45	21	Raised Floor Mastic	Operations Room	NAD
240911 – 46	22	Tan Carpet Mastic	Conference	NAD
240911 – 47	22	Tan Carpet Mastic	Files	NAD
Maintenance Building				
240911 – 48	23	2'x2' Ceiling Panel – Pinhole/Small Fissure	Maintenance Restroom	NAD
240911 – 49	23	2'x2' Ceiling Panel – Pinhole/Small Fissure	Maintenance Restroom	NAD
240911 – 50	24	Ceramic Floor System – Tile	Maintenance Restroom	NAD
		Ceramic Floor System – Grout		NAD
240911 – 51	24	Ceramic Floor System – Tile	Maintenance Restroom	NAD
		Ceramic Floor System – Grout		NAD
240911 – 52	25	Ceramic Wall System – Tile	Maintenance Restroom	NAD
		Ceramic Wall System – Grout		NAD
240911 – 53	25	Ceramic Wall System – Tile	Maintenance Restroom	NAD
		Ceramic Wall System – Grout		NAD

Bold text denotes an Asbestos Containing Material; as defined by EPA and OSHA.

Italics text denotes an Asbestos Containing Material; as defined by OSHA only.

Legend

Abbreviation:	Definition:	Abbreviation:	Definition:
PC	Point Count Method Performed	NAD	No Asbestos Detected

BULK SAMPLE SUMMARY
Montgomery County Environmental Services
Eastern Regional Water Reclamation Facility Renovation Project

Sample Number	Hom. Area #	Material Sampled	Sample Location	Percent Asbestos
Secondary Building				
240911 – 54	26	2'x2' Ceiling Panel – Pinhole/Small Hole	Secondary Restroom	NAD
240911 – 55	26	2'x2' Ceiling Panel – Pinhole/Small Hole	Secondary Restroom	NAD
240911 – 56	27	Ceramic Floor System – Tile Ceramic Floor System – Grout	Secondary Restroom	NAD NAD
240911 – 57	27	Ceramic Floor System – Tile Ceramic Floor System – Grout	Secondary Restroom	NAD NAD
240911 – 58	28	Ceramic Wall System – Tile Ceramic Wall System – Grout Ceramic Wall System – Thinset	Secondary Restroom	NAD NAD NAD
240911 – 59	28	Ceramic Wall System – Tile Ceramic Wall System – Grout Ceramic Wall System – Thinset	Secondary Restroom	NAD NAD NAD
240911 – 60	29	Concrete Deck Caulk	Secondary Restroom	NAD
240911 – 61	29	Concrete Deck Caulk	Secondary Restroom	NAD
240911 – 62	30	Fiberglass Pipe Insulation Sealant	Secondary Restroom	NAD
240911 – 63	30	Fiberglass Pipe Insulation Sealant	Secondary Restroom	NAD

Bold text denotes an Asbestos Containing Material; as defined by EPA and OSHA.

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Legend

Abbreviation:	Definition:	Abbreviation:	Definition:
PC	Point Count Method Performed	NAD	No Asbestos Detected

APPENDIX D

Asbestos Laboratory Analysis Certificates

& Chain of Custody



The Identification Specialists

Analysis Report
prepared for
Lawhon & Associates, Inc.

Report Date: 9/18/2024

Project Name: MCES-O/ M Reno

Project #: 24-0344

SanAir ID#: 24052228



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

24052228

FINAL REPORT

9/18/2024 3:16:38 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 24-0344

P.O. Number:

Project Name: MCES-O/ M Reno

Collected Date: 9/11/2024

Received Date: 9/13/2024 10:05:00 AM

Dear Aris Neace,

We at SanAir would like to thank you for the work you recently submitted. The 63 sample(s) were received on Friday, September 13, 2024 via UPS. The final report(s) is enclosed for the following sample(s): 240911-1, 240911-2, 240911-3, 240911-4, 240911-5, 240911-6, 240911-7, 240911-8, 240911-9, 240911-10, 240911-11, 240911-12, 240911-13, 240911-14, 240911-15, 240911-16, 240911-17, 240911-18, 240911-19, 240911-20, 240911-21, 240911-22, 240911-23, 240911-24, 240911-25, 240911-26, 240911-27, 240911-28, 240911-29, 240911-30, 240911-31, 240911-32, 240911-33, 240911-34, 240911-35, 240911-36, 240911-37, 240911-38, 240911-39, 240911-40, 240911-41, 240911-42, 240911-43, 240911-44, 240911-45, 240911-46, 240911-47, 240911-48, 240911-49, 240911-50, 240911-51, 240911-52, 240911-53, 240911-54, 240911-55, 240911-56, 240911-57, 240911-58, 240911-59, 240911-60, 240911-61, 240911-62, 240911-63.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Maureen Y. Haley
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 63 samples in Good condition.



SanAir ID Number

24052228

FINAL REPORT

9/18/2024 3:16:38 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 24-0344

P.O. Number:

Project Name: MCES-O/ M Reno

Collected Date: 9/11/2024

Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-1 / 24052228-001 2x4 CP-PH/ MF, Lab	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-2 / 24052228-002 2x4 CP-PH/ MF, Lab	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-3 / 24052228-003 2x2 CP-PH/ SF, Stairwell Conn	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-4 / 24052228-004 2x2 CP-PH/ SF, Operations Rm	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-5 / 24052228-005 2x2 CP-PH/ LF, Assembly Rm	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-6 / 24052228-006 2x2 CP-PH/ LF, Lunch Room	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-7 / 24052228-007 2x2 CP-PH, Lab	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-8 / 24052228-008 2x2 CP-PH, Lab	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-9 / 24052228-009 DW/ JC, Conference, Drywall	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
240911-9 / 24052228-009 DW/ JC, Conference, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/18/2024

Date: 9/18/2024



SanAir ID Number

24052228

FINAL REPORT

9/18/2024 3:16:38 PM

Name: Lawhon & Associates, Inc.

Address: 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 24-0344

P.O. Number:

Project Name: MCES-O/ M Reno

Collected Date: 9/11/2024

Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-10 / 24052228-010 DW/ JC, Lunch Room, Drywall	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
240911-10 / 24052228-010 DW/ JC, Lunch Room, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-11 / 24052228-011 SAF, Lunch Room	Tan Non-Fibrous Homogeneous	3% Glass 7% Cellulose	90% Other	None Detected
240911-12 / 24052228-012 SAF, Lunch Room	Tan Non-Fibrous Homogeneous	3% Glass 7% Cellulose	90% Other	None Detected
240911-13 / 24052228-013 SAF, Corr. O/ S Lab	Tan Non-Fibrous Homogeneous	3% Glass 7% Cellulose	90% Other	None Detected
240911-14 / 24052228-014 SAF, Corr. O/ S Lab	Tan Non-Fibrous Homogeneous	3% Glass 7% Cellulose	90% Other	None Detected
240911-15 / 24052228-015 SAF, Corr. O/ S Lunch Room	Tan Non-Fibrous Homogeneous	3% Glass 7% Cellulose	90% Other	None Detected
240911-16 / 24052228-016 Floor Caulk, Assembly Room	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-17 / 24052228-017 Floor Caulk, Assembly Room	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-18 / 24052228-018 Door Caulk, Lunch Room	Black Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/18/2024

Date: 9/18/2024



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Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-19 / 24052228-019 Door Caulk, Lab	Black Non-Fibrous Homogeneous		100% Other	None Detected
240911-20 / 24052228-020 Stairwell Caulk, Stairwell	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-21 / 24052228-021 Stairwell Caulk, Stairwell	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-22 / 24052228-022 Tabletop Caulk, Lab	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-23 / 24052228-023 Tabletop Caulk, Lab	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-24 / 24052228-024 Lab Top, Lab	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-25 / 24052228-025 Lab Top, Lab	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-26 / 24052228-026 BSU, Lunch Room	Black Non-Fibrous Homogeneous		100% Other	None Detected
240911-27 / 24052228-027 BSU, 2nd Fl Kitchenette	Black Non-Fibrous Homogeneous		100% Other	None Detected
240911-28 / 24052228-028 6" CB + M, Assembly Room, Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/18/2024

Date: 9/18/2024



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Project Number: 24-0344
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Project Name: MCES-O/ M Reno
Collected Date: 9/11/2024
Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-28 / 24052228-028 6" CB + M, Assembly Room, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-29 / 24052228-029 6" CB + M, Assembly Room, Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-29 / 24052228-029 6" CB + M, Assembly Room, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-30 / 24052228-030 4" CB + M, Files, Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-30 / 24052228-030 4" CB + M, Files, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-31 / 24052228-031 4" CB + M, Conference, Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-31 / 24052228-031 4" CB + M, Conference, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-32 / 24052228-032 4" CB + M, Lab, Cove Base	Beige Non-Fibrous Homogeneous		100% Other	None Detected
240911-32 / 24052228-032 4" CB + M, Lab, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-33 / 24052228-033 4" CB + M, Lab, Cove Base	Beige Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Sidney Pinkerton*

Approved Signatory: *Johnathan Wilson*

Analysis Date: 9/18/2024

Date: 9/18/2024



SanAir ID Number

24052228

FINAL REPORT

9/18/2024 3:16:38 PM

Name: Lawhon & Associates, Inc.**Address:** 1441 King Ave

Columbus, OH 43212

Phone: 614-481-8600 ext. 142**Project Number:** 24-0344**P.O. Number:****Project Name:** MCES-O/ M Reno**Collected Date:** 9/11/2024**Received Date:** 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-33 / 24052228-033 4" CB + M, Lab, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-34 / 24052228-034 Sheet Fl, Stairwell, Flooring	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-34 / 24052228-034 Sheet Fl, Stairwell, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-35 / 24052228-035 Sheet Fl, O/ S Assembly Rm, Flooring	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-35 / 24052228-035 Sheet Fl, O/ S Assembly Rm, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-36 / 24052228-036 Sheet Floor + M, Lab, Flooring	Blue Non-Fibrous Homogeneous		100% Other	None Detected
240911-36 / 24052228-036 Sheet Floor + M, Lab, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-37 / 24052228-037 Sheet Floor + M, Lab, Flooring	Blue Non-Fibrous Homogeneous		100% Other	None Detected
240911-37 / 24052228-037 Sheet Floor + M, Lab, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-38 / 24052228-038 Elevator Cab Floor, Elevator, Flooring	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: Approved Signatory: 

Analysis Date: 9/18/2024

Date: 9/18/2024



SanAir ID Number

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Name: Lawhon & Associates, Inc.

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Project Number: 24-0344

P.O. Number:

Project Name: MCES-O/ M Reno

Collected Date: 9/11/2024

Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-38 / 24052228-038 Elevator Cab Floor, Elevator, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-38 / 24052228-038 Elevator Cab Floor, Elevator, Leveler	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-39 / 24052228-039 Elevator Cab Floor, Elevator, Flooring	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-39 / 24052228-039 Elevator Cab Floor, Elevator, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-39 / 24052228-039 Elevator Cab Floor, Elevator, Leveler	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-40 / 24052228-040 12" FT w/ Specks, Assembly Room, Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-40 / 24052228-040 12" FT w/ Specks, Assembly Room, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-41 / 24052228-041 12" FT w/ Specks, Lunch Room, Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-41 / 24052228-041 12" FT w/ Specks, Lunch Room, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-42 / 24052228-042 12" Mottle FT, Office, Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/18/2024

Date: 9/18/2024



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Project Number: 24-0344

P.O. Number:

Project Name: MCES-O/ M Reno

Collected Date: 9/11/2024

Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-42 / 24052228-042 12" Mottle FT, Office, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-43 / 24052228-043 12" Mottle FT, Office, Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-43 / 24052228-043 12" Mottle FT, Office, Mastic	Various Non-Fibrous Heterogeneous		100% Other	None Detected
240911-44 / 24052228-044 Raised Floor Mastic, Operations Room	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-45 / 24052228-045 Raised Floor Mastic, Operations Room	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-46 / 24052228-046 Carpet Mastic, Conference	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-47 / 24052228-047 Carpet Mastic, Files	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-48 / 24052228-048 2x2 PH/ SF, RR-Maintenance	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-49 / 24052228-049 2x2 PH/ SF, RR-Maintenance	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-50 / 24052228-050 Ceramic Floor Systems, RR-Maintenance, Ceramic Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/18/2024

Date: 9/18/2024



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Project Number: 24-0344

P.O. Number:

Project Name: MCES-O/ M Reno

Collected Date: 9/11/2024

Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-50 / 24052228-050 Ceramic Floor Systems, RR-Maintenance, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-51 / 24052228-051 Ceramic Floor Systems, RR-Maintenance, Ceramic Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-51 / 24052228-051 Ceramic Floor Systems, RR-Maintenance, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-52 / 24052228-052 Ceramic Wall System, RR-Maintenance, Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-52 / 24052228-052 Ceramic Wall System, RR-Maintenance, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-53 / 24052228-053 Ceramic Wall System, RR-Maintenance, Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-53 / 24052228-053 Ceramic Wall System, RR-Maintenance, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-54 / 24052228-054 2x2 PH/ SH, RR Secondary	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-55 / 24052228-055 2x2 PH/ SH, RR Secondary	Tan Fibrous Homogeneous	15% Min. Wool 40% Cellulose	45% Other	None Detected
240911-56 / 24052228-056 Ceramic Floor Tile, RR Secondary, Ceramic Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/18/2024

Date: 9/18/2024



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Columbus, OH 43212

Phone: 614-481-8600 ext. 142

Project Number: 24-0344

P.O. Number:

Project Name: MCES-O/ M Reno

Collected Date: 9/11/2024

Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-56 / 24052228-056 Ceramic Floor Tile, RR Secondary, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-57 / 24052228-057 Ceramic Floor Tile, RR Secondary, Ceramic Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-57 / 24052228-057 Ceramic Floor Tile, RR Secondary, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-58 / 24052228-058 Ceramic Wall System, RR Secondary, Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-58 / 24052228-058 Ceramic Wall System, RR Secondary, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-58 / 24052228-058 Ceramic Wall System, RR Secondary, Thin Set	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-59 / 24052228-059 Ceramic Wall System, RR Secondary, Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
240911-59 / 24052228-059 Ceramic Wall System, RR Secondary, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-59 / 24052228-059 Ceramic Wall System, RR Secondary, Thin Set	Grey Non-Fibrous Homogeneous		100% Other	None Detected
240911-60 / 24052228-060 Concrete Deck Caulk, RR Secondary	Tan Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Sidney Pinkerton

Approved Signatory:

Johnathan Wilson

Analysis Date: 9/18/2024

Date: 9/18/2024



SanAir ID Number

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Received Date: 9/13/2024 10:05:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
240911-61 / 24052228-061 Concrete Deck Caulk, RR Secondary	Tan Non-Fibrous Homogeneous		100% Other	None Detected
240911-62 / 24052228-062 FGPIS, RR Secondary	Green Non-Fibrous Homogeneous		100% Other	None Detected
240911-63 / 24052228-063 FGPIS, RR Secondary	Green Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/18/2024

Date: 9/18/2024

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Fibers smaller than 5-microns cannot be seen with this method due to scope limitations. Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Samples are held for a period of 60 days.

Asbestos Accreditations, Certifications, and Licenses

National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 600227-0

State of Connecticut Department of Public Health Registration Number: PH-0817

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637

Texas Department of State Health Services License Number: 300510

1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

24052228

Sent To: San Air No. 5518
VIA: UPS Page 1 of 4
Date: 9-11-2024 Turn around: 5-day

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name: <u>MCES - O/M Reno</u>		Project No.: <u>2-10344</u>		Project Contact: <u>Ans Neace</u>		Sampler (print): <u>Austin Coldren</u>		Signature: <u>[Signature]</u>	
---	--	--------------------------------	--	--------------------------------------	--	---	--	----------------------------------	--

Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description	Sample Location	Remarks
<u>240911</u>				
- 1	1	2x4 CP-PH/MF	Lab	Operations Building ↓ Composite if positive ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
- 2	1			
- 3	2	2x2 CP-PH/SF	Stairwell Corri	
- 4	1		operations Rm	
- 5	3	2x4 CP-PH/LF	Assembly Rm	
- 6	1		Lunch Room	
- 7	4	2x2 CP-PH White	Lab	
- 8	1			
- 9	5	DW/SC	Conference	
- 10	1		Lunch Room	
- 11	6	SAF		
- 12	1			
- 13	1		Corr. O/S Lab	
- 14	1			
- 15	1		Corr. O/S Lunch Room	
- 16	7	Floor Caulk	Assembly Room	
- 17	1			
- 18	8	Door Caulk	Lunch Room	

SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.
POINT COUNT FRIABLES AND NOB'S 3% OR LESS ASBESTOS.

☐ Stop 1st Positive ☒ Analyze All Samples

Relinquished by: (signature) <u>ae</u>	Date / Time <u>9-12-2024 1600</u>	Received by: (signature) <u>[Signature]</u>	Date / Time <u>9/13/24 10:05</u>	Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
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1441 King Avenue
Columbus, OH 43212
Phone: (614) 481-8600
Fax: (614) 481-8610

24052228

Sent To: Sen Air No. 5519
VIA: UPS
Page 2 of 4
Date: 9-11-2024
Turn around: 5-day

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name: <u>MCEs - O/M Reno</u>		Project No.: <u>24-0344</u>		Project Contact: <u>Ariz Neace</u>		Sampler (print): <u>Austin Corderon</u>		Signature: <u>[Signature]</u>	
Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description	Sample Location		Remarks				
<u>240911</u>					Operations Building				
- 19	8	Door Caulk	Lab						
- 20	9	Stairwell Caulk	Stairwell						
- 21	1								
- 22	10	Table Top Caulk	Lab						
- 23	1								
- 24	11	Lab Top							
- 25	1								
- 26	12	BSU	Lunch Room						
- 27	1		2nd fl Kitchenette						
- 28	13	6" Grey CB + m	Assembly Room						
- 29	1								
- 30	14	4" Grey CB + m	Files						
- 31	1		Conference						
- 32	15	4" Berge CB + m	Lab						
- 33	1								
- 34	16	Grey Sheet fl	Stairwell						
- 35	1		OIS Assembly Rm						

SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED.
POINT COUNT FRIABLES AND NOB'S 3% OR LESS ASBESTOS.

☐ Stop 1st Positive ☒ Analyze All Samples

Relinquished by: (signature) <u>ac</u>	Date / Time <u>9-12-2024 1600</u>	Received by: (signature) <u>RMB</u>	Date / Time <u>9/13/24 10:03 am</u>	Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
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VIA: UPS

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Date: 9-11-2024

Turn around:
5-day

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

Project Name: <u>MCES-01M Reno</u>		Project No.: <u>24-0344</u>		Project Contact: <u>Artis Nence</u>		Sampler (print): <u>Austin Colden</u>		Signature: <u>[Signature]</u>						
Sample I.D. No.	Homog. Area No.	Sample / Homogeneous Area Description	Sample Location		Remarks									
<u>240911</u>														
- 36	17	Blue Sheet Floor + M	Lab		Operations Building									
- 37	1		1											
- 38	18	Gray Elevator Cab floor	Elevator											
- 39	1		2											
- 40	19	12" FT Gray w/ Blue Specks	Assembly Room											
- 41	2		Lunch room											
- 42	20	12" Gray mottle ft	office											
- 43	1		1											
- 44	21	Raised floor Mastic	Operations Room											
- 45	2		1											
- 46	22	Tan Carpet Mastic	Conference		Maintenance Building									
- 47	1		Files											
- 48	23	2x2 PH15F	RR - Maintenance											
- 49	1		1											
- 50	24	Ceramic floor-Systems	1											
- 51	2		1											
- 52	25	Ceramic wall System	1											
- 53	1		1											
<p>SAMPLE ANALYSIS BY EPA METHOD 600/R-93/116 UNLESS OTHERWISE NOTED. POINT COUNT FRIABLES AND NOB'S 3% OR LESS ASBESTOS.</p> <p style="text-align: right;"><input type="checkbox"/> Stop 1st Positive <input checked="" type="checkbox"/> Analyze All Samples</p>														
Relinquished by: (signature) <u>[Signature]</u>		Date / Time <u>9-12/1000</u>		Received by: (signature) <u>[Signature]</u>						Date / Time <u>9/13/24 10:05 am</u>		Relinquished by: (signature)		
								Date / Time						

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600227-0

SanAir Technologies Laboratory, Inc.
Cincinnati, OH

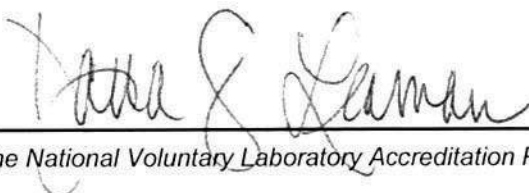
*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).*

2024-01-01 through 2024-12-31

Effective Dates



For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SanAir Technologies Laboratory, Inc.

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www.sanair.com

ASBESTOS FIBER ANALYSIS

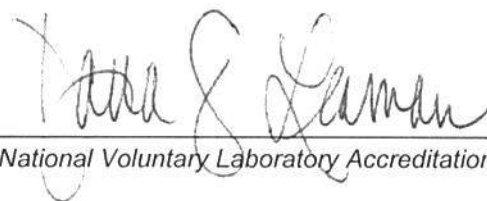
NVLAP LAB CODE 600227-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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.



For the National Voluntary Laboratory Accreditation Program