

ASBESTOS PROGRAM

Jeff Gerdes

April 26, 2024



**Environmental
Protection
Agency**

TOPICS

- What is asbestos?
- Why is asbestos dangerous?
- Uses and identification in the home and workplace.
- How do Ohio EPA asbestos rules apply?
- Asbestos Renovation/Abatement and Demolition Notification.
- Program Resources.



NATURALLY OCCURRING

- Mined from the ground.
- Fibers appear in layers.

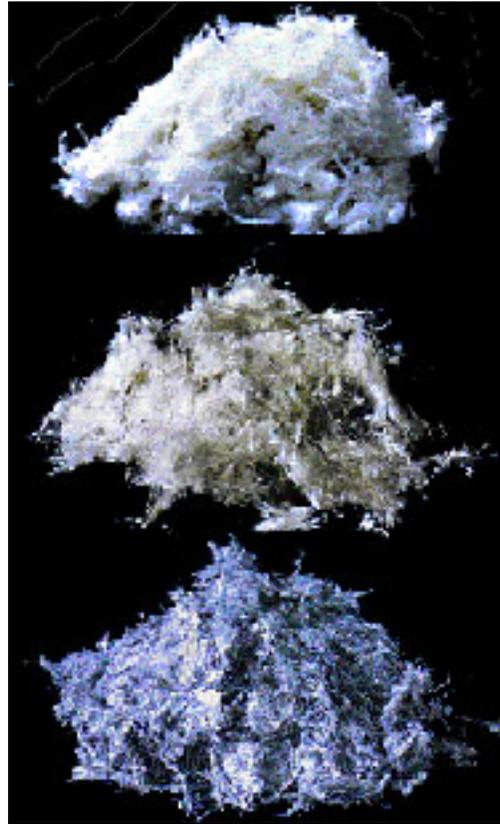


PROCESSED

- Mineral is processed, crushed, and pulverized.



MOST USED TYPES OF ASBESTOS

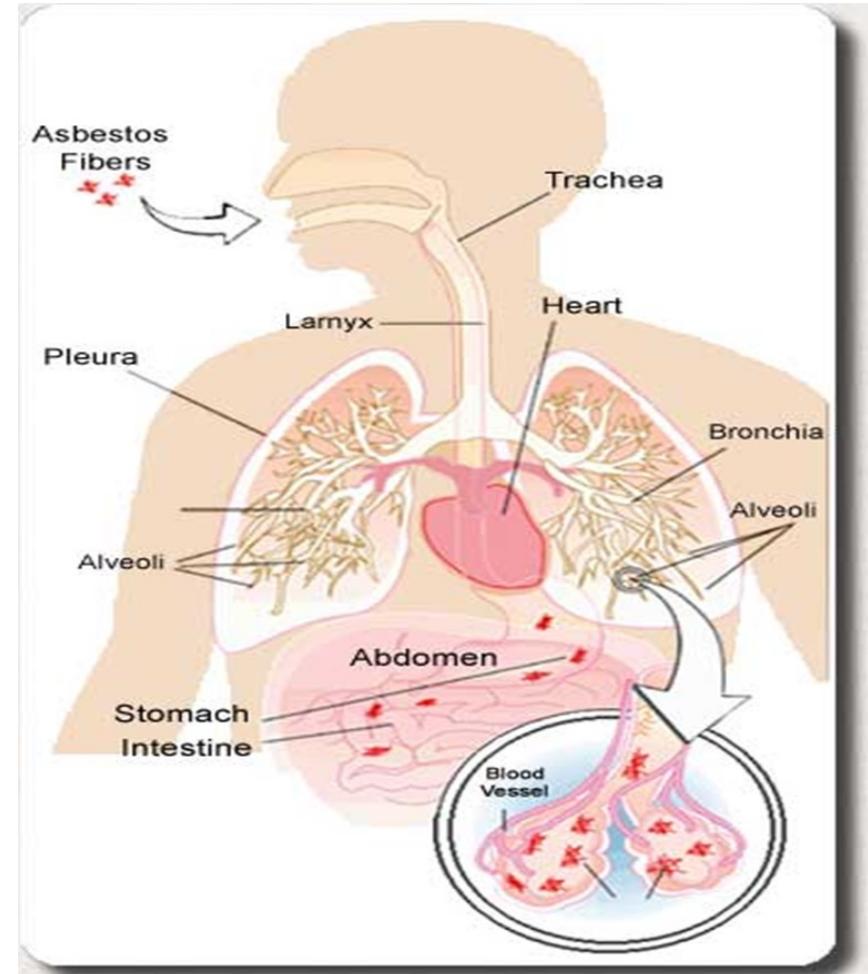


- Chrysotile (white asbestos)
- Amosite (brown asbestos)
- Crocidolite (blue asbestos)



WHY IS ASBESTOS DANGEROUS

- Asbestosis
- Mesothelioma
- Lung Cancer
- Latency Period – 10-40 years



Sample List of Suspect Asbestos - Containing Materials

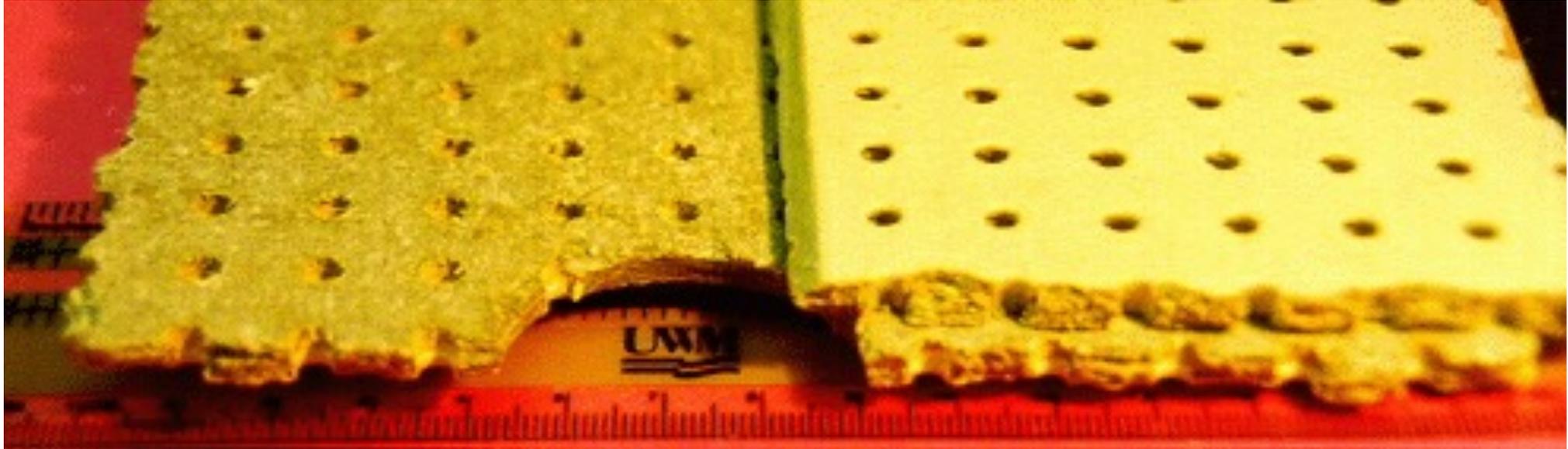
Cement Pipes	Elevator Brake Shoes
Cement Wallboard	HVAC Duct Insulation
Cement Siding	Boiler Insulation
Asphalt Floor Tile	Breeching Insulation
Vinyl Floor Tile	Ductwork Flexible Fabric Connections
Vinyl Sheet Flooring	Cooling Towers
Flooring Backing	Pipe Insulation (corrugated air-cell, block, etc.)
Construction Mastics (floor tile, carpet, ceiling tile, etc.)	Heating and Electrical Ducts
Accoustical Plaster	Electrical Panel Partitions
Decorative Plaster	Electrical Cloth
Textured Piant/Coatings	Electric Wiring Insulation
Ceiling Tiles and Lay-in Panels	Chalkboards
Spray-Applied Insulation	Roofing Shingles
Blown-in Insulation	Roofing Felt
Fireproofing Materials	Base Flashing
Taping Compounds (thermal)	Thermal Paper Products
Packing Materials (for wall/floor penetrations)	Fire Doors
High Temperature Gaskets	Caulking/Putties
Laboratory Hoods/Table Tops	Adhesives
Laboratory Gloves	Wallboard
Fire Blankets	Joint Compounds
Fire Curtians	Vinyl Wall Coverings
Elevator Equipment Panels	Spackling Compounds



FIREPROOFING



ASBESTOS CEMENT PRODUCTS



CEMENTITIOUS SIDING (TRANSITE)

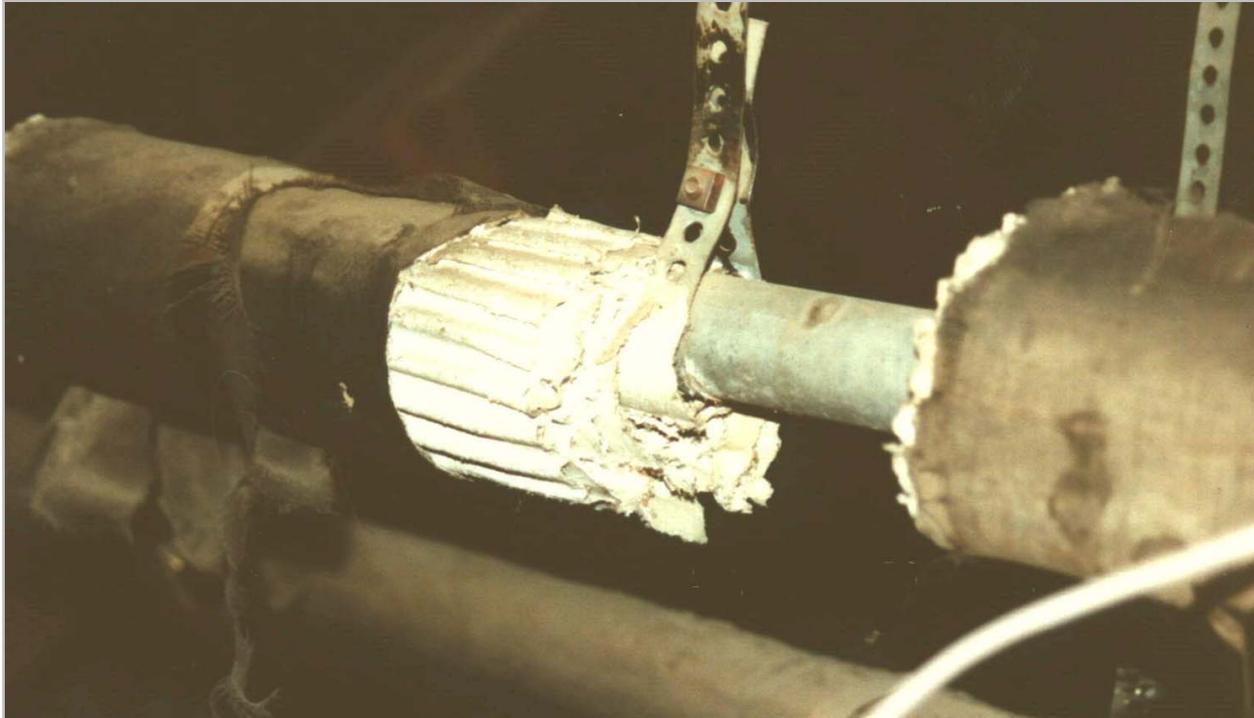


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ASBESTOS ELECTRICAL COMPONENTS (TRANSITE)



PIPE INSULATION



BOILER/HVAC EQUIPMENT



PLASTER



DRYWALL/JOINT COMPOUND



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FLOORING (INCLUDING MASTICS)



INSULATORS



VERMICULITE



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HOW DO I KNOW IF I HAVE ASBESTOS?

- Have a sample procured by an Ohio EPA certified Asbestos Hazard Evaluation Specialist.
- Take the sample to a certified laboratory to perform PLM analysis.



HOW DO OHIO EPA ASBESTOS RULES APPLY?

- **OAC Chapter 3745-20** – Asbestos Emission Control Rules
- **OAC Chapter 3745-22** – Asbestos Licensing, Certification, & Course Management Rules



WHAT ARE YOUR OBLIGATIONS?

Owner or operator - means any person who owns, leases, operates, controls, or supervises the facility being demolished or renovated or any person who owns, leases, operates, controls or supervises the demolition or renovation, or both.

Owner/Operator Obligations include:

- Asbestos building inspection
- Notification
- Follow specific work practices
- Proper handling and disposal
- Training, certification, and licensing



ASBESTOS EMISSION CONTROL - OAC 3745-20

- **Facility** - any institutional, commercial, public, industrial, or residential structure, installation, or building, **but excluding residential buildings having four or fewer dwelling units.**
- **Installation** - any building or structure or any group of buildings or structures at a single demolition or renovation site that are under the control of the same owner or operator, or owner or operator under common control.
- Any structure, installation or building that was previously subject to this rule due to its prior use or function is not excluded, regardless of its current use or function.



ASBESTOS EMISSION CONTROL - OAC 3745-20

Demolition – remove or wreck any load-supporting structural members or related operation; also burning.

Renovation – alter the facility in any other way including removing asbestos.

- **Friable ACM or Regulated asbestos containing material (RACM)**

- Any material containing more than one percent asbestos.

- When dry can be crumbled, pulverized, or reduced to powder by hand pressure.

- Category I or Category II nonfriable ACM that becomes damaged from either deterioration or attempts at removal or abatement resulting in small fragments the size of four-square inches or less shall also be considered friable.



ASBESTOS EMISSION CONTROL - OAC 3745-20

- Need to determine if demo/reno is happening at a regulated facility.
- Perform a thorough asbestos building inspection.
- Submit notification.
- Remove any RACM prior to disturbance.
- Follow specific work practices – keep it wet, proper packaging and labeling, and disposal at an active asbestos waste disposal site.



ASBESTOS LICENSING - OAC 3745-22

- Abatement activity – removal, renovation, enclosure, repair, encapsulation, or O&M of >3 lf or 3 sf of friable ACM, requires certified individuals.
- Abatement project – removal of >50 lf or 50 sf, requires notification and licensed contractor.
- Exempted removal/repair of pipeline asphaltic wrap, roof flashings, and built-up roofing if performed in compliance with OSHA, U.S. EPA.



ASBESTOS LICENSING- OAC 3745-22

- Abatement and training course notifications.
- Ohio EPA certified asbestos workers, abatement specialists, evaluation specialists, project designers, and air monitoring technicians.
- Ohio EPA licensed asbestos contractors.
- Training course approvals.
- Contractors follow Ohio EPA, U.S. EPA, and OSHA.



OSHA

- Sets requirements to follow:
 - specific asbestos work practices
 - employee protection
 - medical monitoring
 - training
- 29 CFR 1926.1101 – Asbestos Construction Standard
- 29 CFR 1910.134 - Respiratory Protection Standard



ASBESTOS NOTIFICATIONS

- All demolitions require a notification

Renovations/Abatement...above thresholds need notifications

- **> 3 square feet or 3 linear feet** (requires Ohio EPA individual certification only, no notification)
- >50 square feet or 50 linear feet;
- ≥ 260 linear feet on pipes;
- ≥ 160 ft² on other facility components; or
- ≥ 35 ft³ of other facility components (debris/pile).
- Installations are cumulative. Once minimum thresholds are met then any amount thereafter is regulated, even if below threshold amounts.

Notifications need:

- 10 working days (Mon-Fri).
- Start and end dates.
- Asbestos and demolition contractors.
- Demolition and abatement methods.



EMERGENCY RENOVATION/ABATEMENT NOTIFICATION REQUIREMENTS

- Results from a sudden, unexpected event that is not planned.
- Includes operations necessitated by non-routine failures of equipment or by actions of fire and emergency medical personnel pursuant to duties within their official capacities.
- Waives the 10-working day wait requirement for the notification.
- Notify as soon as possible, but no later than the following working day after commencing the emergency.
- Shall supply the date and hour that the emergency occurred, a description of the sudden unexpected event, and an explanation of how the event caused an unsafe condition or would cause equipment damage or would pose an unreasonable financial burden if not immediately corrected.
- Must include a letter from a certified AHES explaining why it is an emergency.



DEMOLITIONS

EMERGENCY

- Structurally unsound and **in danger of imminent collapse**.
- Cannot perform building inspection and or asbestos abatement.
- Will **waive 10 working day wait** requirement.
- Requires an Emergency Demolition & Renovation/Abatement Notification which includes treating all debris as RACM.
- Requires the use of a licensed Asbestos Contractor.
- **Emergency Demolition Order letter issued by a government official.**

ORDERED

- **Unsafe** to enter.
- Cannot perform building inspection and or asbestos abatement.
- Will be **required to meet 10 working day wait** requirement.
- Requires an Emergency Demolition & Renovation/Abatement Notification which includes treating all debris as RACM.
- Requires the use of a licensed Asbestos Contractor.
- **Emergency Demolition Order letter issued by a government official.**



WEBSITE RESOURCES

- Includes downloadable/sortable Excel spreadsheets of:
- Certified Individuals
- Licensed Asbestos Contractors
- Demolition/Abatement Project Notifications
- Asbestos Training Course Notifications



EBIZ.EPA.OHIO.GOV



eBusiness Center

Ohio EPA's eBusiness Center (eBiz) is a secure portal for online business services. eBiz is the entry point for our customers to electronically complete and file reports, make payments and submit permit and grant applications. See below for a complete list of services offered.



Do not use Microsoft Internet Explorer - eBiz is supported in Google Chrome and Microsoft Edge.

To access eBiz, you must have an account in OH|ID and click on the Ohio EPA eBusiness Center tile.

IMPORTANT: To access your eBiz account data, the email addresses in OH|ID and eBiz must match.

Click here to log in.



[OH|ID Step-by-Step Instructions](#)

Need Assistance? Start here!

[eBiz Help Wizard](#)

- Login assistance
- Contacts for services
- Help with PIN

[OH|ID eBusiness Center FAQ](#)

eBiz live help available

Weekdays 8AM - 5PM
except state holidays

ebizhelpdesk@epa.ohio.gov

(877) 372-2499 | (877) EPA-BIZZ

Services Available

- **Division of Air Pollution Control - Air Services** through the eBusiness Center include:
 - permit applications;
 - permit-related reporting;
 - annual emissions reporting;
 - asbestos certification, licensing and training applications;
 - demolition project notifications;
 - asbestos abatement notifications; and
 - asbestos training notifications.
- **Division of Drinking and Ground Waters**
 - **Electronic Drinking Water Reports (eDWR)** allows public water systems to submit their monthly operating reports and certified laboratories to report chemical and microbiological sample results.

Quick Links

[eBusiness Center Help Wizard](#)

Having problems using eBusiness Center? Use this online tool to get help with PIN, login, and other common issues

[eBusiness Center FAQ](#)

Search to find answers to questions about the eBusiness Center

[eBusiness Center Information](#)

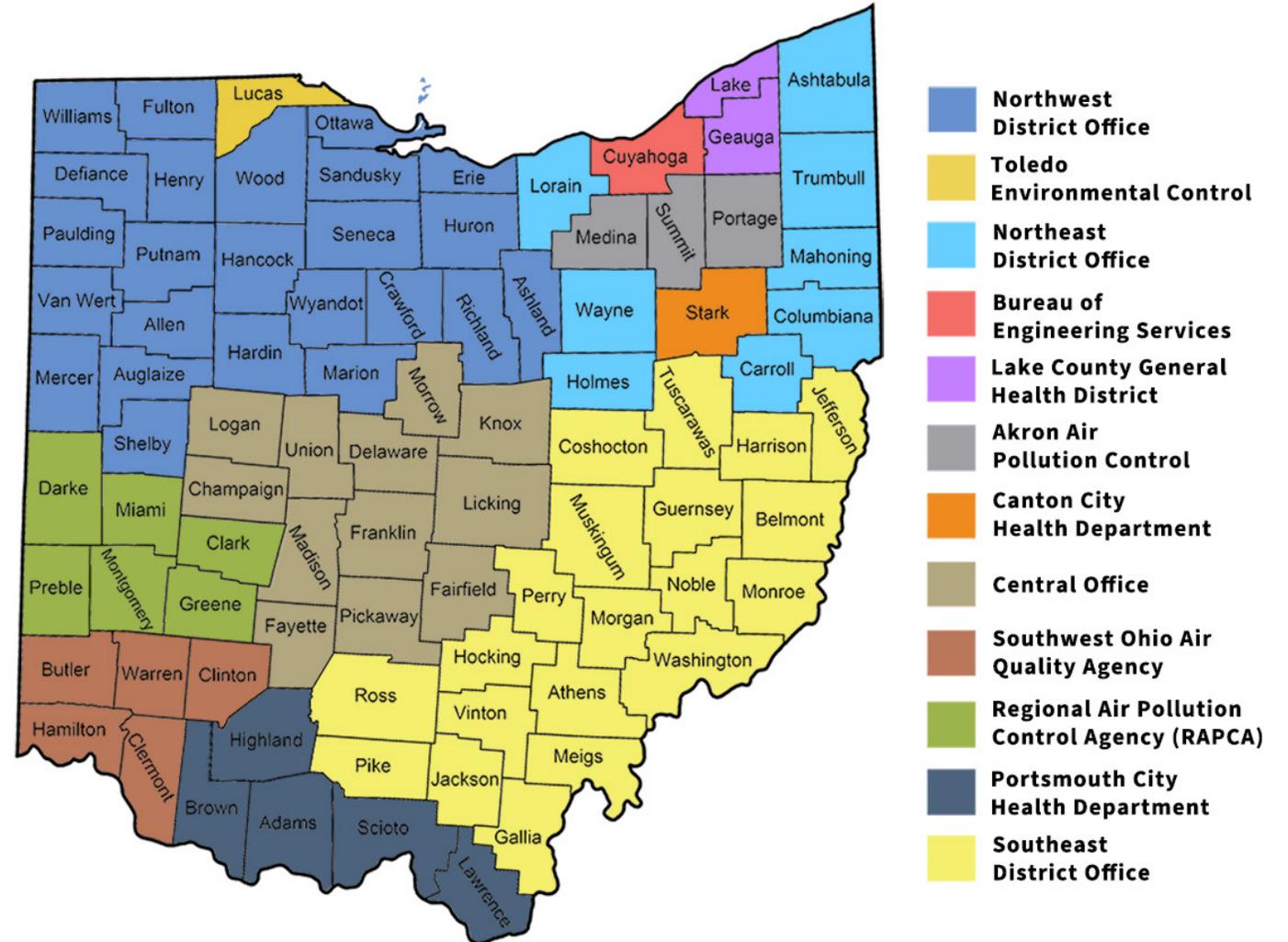
Read more about the services



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OHIO EPA DISTRICT OFFICE AND LOCAL AIR AGENCY CONTACTS

epa.ohio.gov/divisions-and-offices/air-pollution-control/asbestos-abatement-and-demolition/project-notification



Thank You

Jeff Gerdes

jeffrey.gerdes@epa.ohio.gov

asbestos@epa.ohio.gov (Asbestos Email)

asbestoslicensing@epa.ohio.gov
(Certification & Licensing Email)

epa.ohio.gov (Website)

Ohio EPA
Asbestos Program
50 W Town Street
Suite 700
Columbus, Ohio 43215
614.466.0061 (phone)

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Ohio Department of Development

Program Updates

April 26, 2024



Department of
Development

Overview



Development Asbestos Requirements



Environmental Program Reminders



Welcome Home Ohio



Q & A Session

XYZ Asbestos
Specialist

To: Development Landbank

From: XYZ Asbestos

Re: 1234 North St. Abatement

Completed the removal of the ACM (asbestos-containing materials) duct tape and window glazing per contract in the building located at 1234 North St. Abatement in February 2023. The abatement of ACM, utilizing standard asbestos abatement procedures, was performed in compliance with all local, state, and federal laws, rules, and regulations addressing asbestos emissions from renovations, demolition and disposal operations. Structure is free for demolition.

Asbestos Specialist

Signature

Abatement Certification

To verify proper abatement, Development requests grantees submit a letter/certification from asbestos specialist who abated the property.

Abatement Certification

Asbestos Certification Form available on DSRP website.

**Ohio Department of Development
Asbestos Compliance Notice Form**

County: _____

Person Completing Form: _____
First Last M.I. (optional)

Building: _____

Project Address: _____
Street
City County Zip

Specific Area of the Building and Material Removed:

Contractor/Operator : _____
Name Street
City County Zip

Contact Number: _____ Email: _____

Name of Licensed Person: _____ License or Registration # _____

Waste Disposal Facility: _____
Name Street
City County Zip

I certify that all identified asbestos has been properly removed from the above named Project Address in accordance with standard asbestos abatement procedures, and was performed in compliance with all local, state, and federal laws, rules, and regulations addressing asbestos emissions from renovations, demolition and disposal operations.

Required procedures and specifications, in the contract documents and/or federal and state laws and regulations, have been strictly adhered to with respect to asbestos transportation and disposal at an approved landfill site.

I am authorized to certify the statements set forth above and have personally taken all steps to assure myself of the validity and accuracy of the statements contained herein.

Printed Name (First Last) Signature Date

Ohio Department of Development August 2023

Grantee Resources

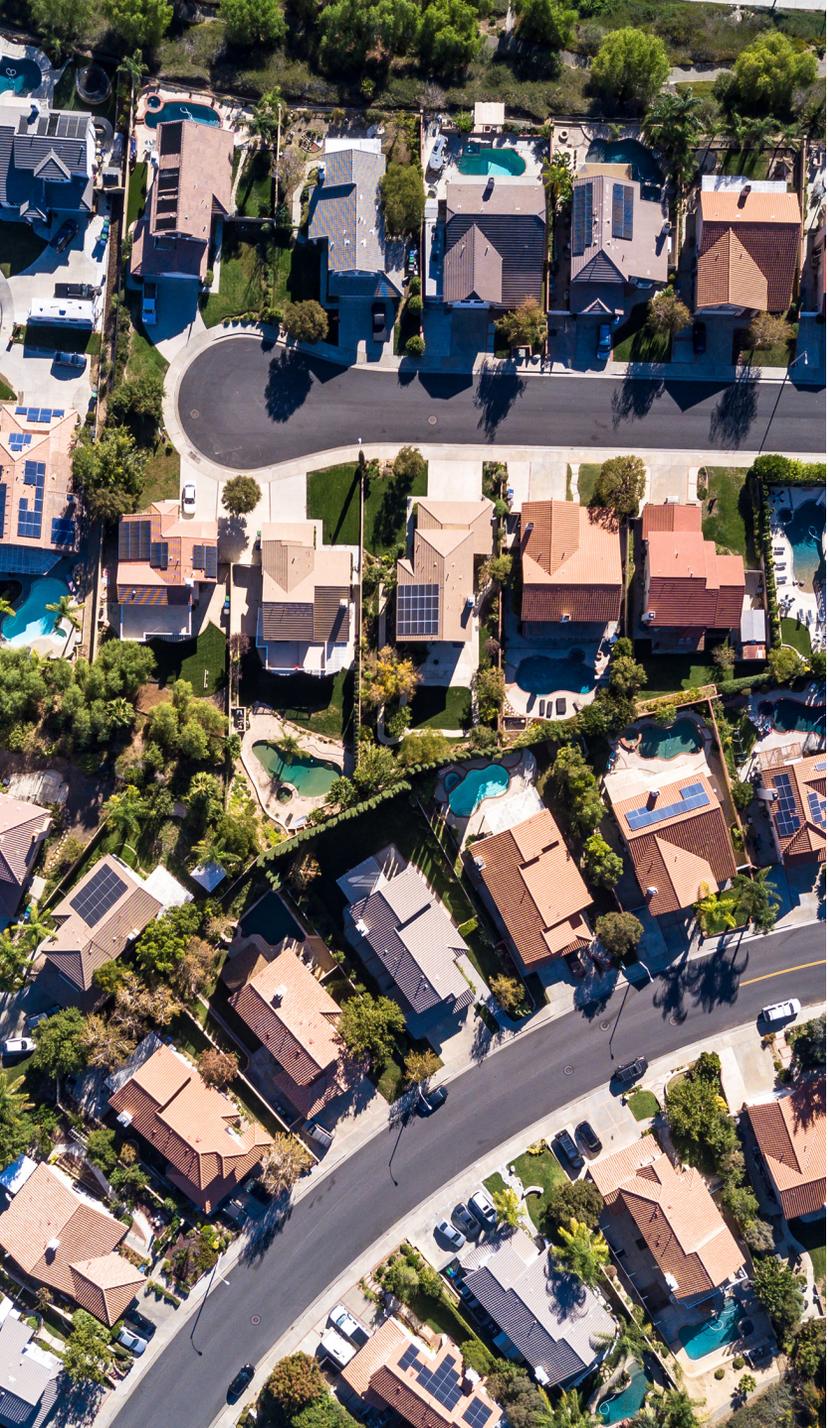
- [FY24 Demolition and Site Revitalization Program Guidelines](#)
- Application Templates/Examples
 - [Verification of Blight](#)
 - [Subrecipient Agreement](#)
 - [Proof of Access Example](#)
- Manuals
 - [Reporting](#)
 - [Reimbursement](#)
 - [Asbestos Compliance](#)
 - [Request Cover Sheet](#)

Environmental Programs: Brownfield Remediation

- Fiscal Year (FY) 24 Set-aside: Any unused county set-aside funds can be claimed in an updated or new application – Due by Friday, May 3, 2024, at 4 p.m.
- Our team continues to review FY24 applications and are reaching out to Lead Entities (LEs) with clarifications to complete the process.
- There are no set-aside funds for FY25.

Environmental Programs: Demolition

- FY24 Set-aside: Any unused county set-aside funds can be claimed in an updated or new application – Due by Friday, May 3, 2024, at 4 p.m.
- Our team continues to review FY24 applications and are reaching out to LE's with clarifications to complete the process.
- Per ORC 122.6512 – Sites that are not brownfields.



Welcome Home Ohio (WHO)

1. Grants for the purchase of qualifying residential properties.
2. Grants for the cost of construction or rehabilitation.
3. A non-refundable tax credit for qualifying activities.

Each of the three program offerings will be funded up to \$25 million in FY 2024 and 2025.



Department of Development

Development.Ohio.gov