Asbestos Submittal Tips Your DEQ Online

December 2022



Asbestos Program

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DEQ is a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.



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Alternative formats: DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email deq.oregon.gov.

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System Overview

The Oregon Department of Environmental Quality has instituted the use of a modernized, cloud-based tool for a selection of compliance programs within the agency and several business processes that involve the public and regulated entities. This document provides information to asbestos abatement contractors and facility owners that submit asbestos project notifications, license applications and reports in Your DEQ Online.

Your DEQ Online is an Environmental Data Management System designed to combine current DEQ processes across air, land and water divisions in one convenient and easily accessible portal. The system enables users to submit applications, upload reports, enter data, check the status of applications, pay fees or fines, and manage account activity. In addition, the system allows for greater public access to environmental data without the need to request this information from DEQ staff.

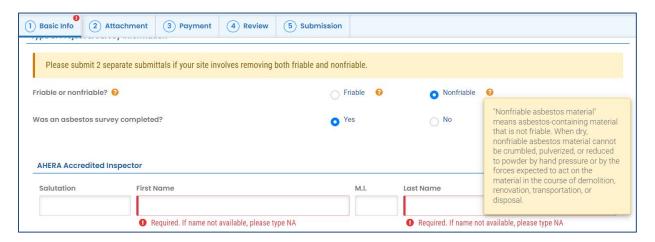
1. Introduction

This document provides additional information to asbestos abatement contractors and facility owners that submit asbestos project notifications, license applications and reports to DEQ in Your DEQ Online. The information is grouped by:

- 1. Abatement Project Notifications
- 2. Air Clearance Sample Results
- 3. Abatement Contractor Licensing/Annual Notification Applications
- 4. Quarterly Reports
- 5. General Program Clarifications

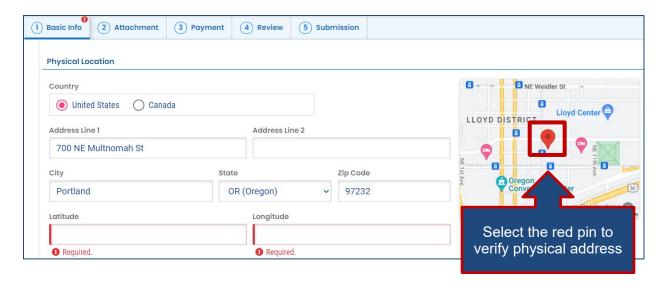
2. Abatement Project Notifications

Throughout the project notification there are tool tip icons that provide additional information. Click on the icon to view the tip.

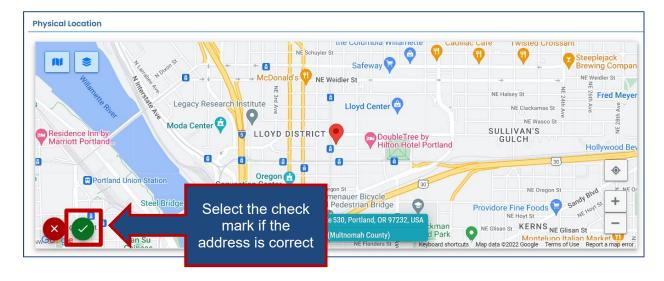


2.1 Verify a New Facility Physical Address

If you are creating a new facility on the abatement project notification, it is critical that the correct address is provided for the physical location. **The physical location is the project site address**. To help ensure that there are no address misspellings, unnecessary spaces or improper use of commas after entering the physical location information, click on the red pin icon shown in the Google map.



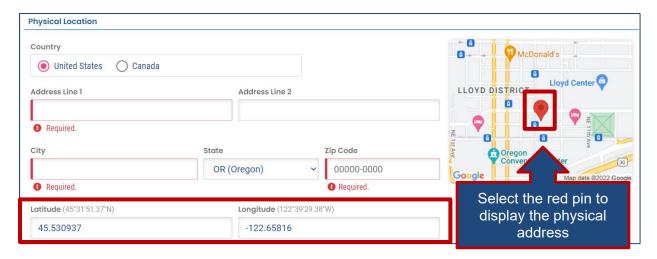
An address will be displayed in the map. Verify that the address is correct for the project site. If the address is correct, select the green check mark. This will autocorrect any misspellings, unnecessary spaces or incorrect use of commas in the physical location information.



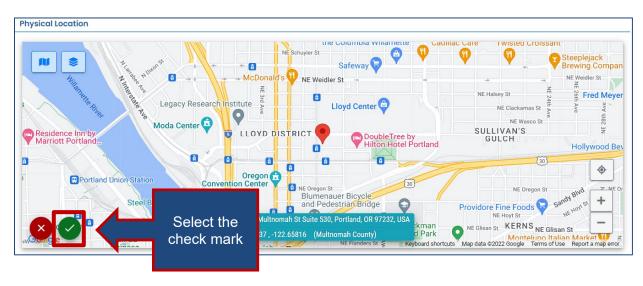
If the address on the map is incorrect for the project site, select the red X mark so the address information will not be changed on the notification. There are times when the Google map will display a different or incorrect address.

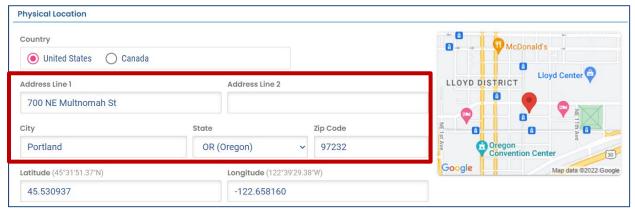
2.1.1 Address by Latitude and Longitude

If the contractor only has the latitude and longitude coordinates for the physical location, enter the coordinates and click the red pin on the Google map to verify the address.



The address information will be displayed for the latitude and longitude coordinates. Select the green check mark, and the address will auto-populate in the notification.





2.1.2 Wrong Site Address on Submitted Notification

If the wrong physical location address was mistakenly listed on a notification that has already been submitted to DEQ, do the following to make the correction:

- 1. Amend and revise the project notification correcting the address information for the physical location. See the instructional guide for <u>Amending Asbestos Abatement Project Notifications</u> listed under the asbestos program resources.
- 2. After submitting the revised notification, email the appropriate <u>regional program contact</u>. Provide the submittal number, the original physical location address listed in the notification and the corrected physical location address information. If the notification has already had the agency workflow completed, DEQ staff will have to submit a ticket to the YDO helpdesk to have the address corrected in the Master Sites module.

2.2 Basic Information

The basic information section requires the type of project, and there are four options: residential renovation, residential demolition, nonresidential renovation and nonresidential demolition. The difference between residential and nonresidential:



- **Residential** is a facility **used as a residence** and is a site-built home, modular home constructed off site, mobile home, condominium, duplex or a multi-unit facility consisting of four units or less. If the facility has more than four units in totality it is not a residence. OAR 340-248-0010(40)
- **Nonresidential** are all other types of facilities including apartments, commercial, schools, industrial, hospitals, condominiums, duplexes or other residences with more than four units (such as a housing complex with 20 duplexes).

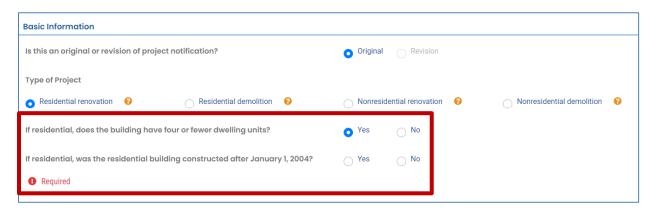
When is a residence no longer considered a residence? There are four defined exceptions (OAR 340-248 0010(40):

- 1. When the residence is used by a fire department for training exercises, including Burn to Learn
- 2. When the residence is demolished as part of a larger project including urban renewal projects, highway construction projects, or property developed for commercial use, industrial use, or multi-unit residential buildings with more than four units

- 3. Renovated or demolished along with one or more other facilities on the same site by the same owner or operator as part of the same project
- 4. A residential dwelling unit located in a commercial facility

2.2.1 Residential Renovation or Residential Demolition

When residential renovation or residential demolition is chosen for the type of project, additional required questions will be displayed.

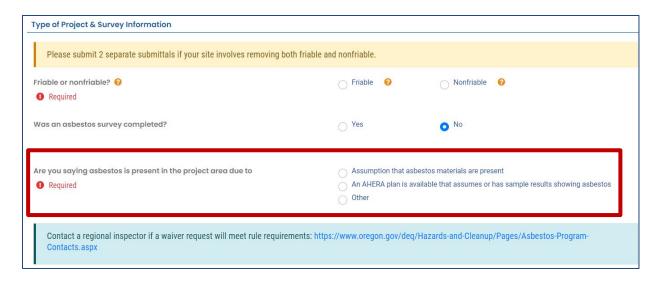


If residential, does the building have four or fewer dwelling units? A residence is defined as having four dwelling units or less. DEQ wants to verify that the project site is a residence with four units or less. If the question is answered "No" that indicates that there are more than four units and the project is not residential. The type of project would need to be changed to either nonresidential renovation or nonresidential demolition.

If residential, was the residential building constructed after January 1, 2004? Residential buildings constructed prior to Jan. 1, 2004 undergoing renovation or demolition must have an accredited inspector perform an asbestos survey and report. If the residence was constructed after Jan. 1, 2004, an asbestos survey is not required OAR 340-248-0250(1)(c). If this question is answered "Yes", DEQ recognizes that an asbestos survey may not have been performed and the survey section of the notification may indicate that there is no survey.

2.3 Type of Project and Survey Information

If an asbestos survey was not completed, an additional clarification question is displayed, "Are you saying asbestos is present in the project area due to"

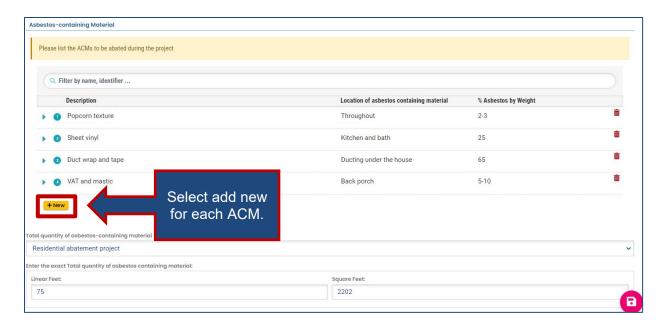


There are three choices for the answer:

- "Assumption that asbestos materials are present." This option applies if no samples were collected and the owner or operator is assuming the material or materials contain asbestos.
- "An AHERA plan is available that assumes or has sample results showing asbestos."
 This option only applies to schools.
- 3. "Other." **This option is never acceptable if the project is a demolition.** When Other is chosen, the contractor is required to provide information on what is meant by "Other." Under what circumstance can listing "Sample or Samples" apply? Two examples are provided:
 - a. If the owner occupant of a private single unit residence is performing the renovation project themselves, the owner can collect their own samples. Listing homeowner samples in this scenario is acceptable. However, if the homeowner decides to hire a contractor to perform the renovation these samples no longer apply and an asbestos survey by an accredited inspector is required.
 - b. If previous samples were collected prior to 2018 that identify a particular material as asbestos-containing. For example, during a renovation project in 2007 samples of popcorn texture were collected from a residence and the texture contained 3% asbestos. In 2007 popcorn texture was abated from three rooms. In 2022 the remaining popcorn texture will be abated. The historic samples of popcorn texture can still be used.

2.4 Asbestos-Containing Material

The asbestos-containing material (ACM) section of the project notification is where the ACMs are <u>individually</u> entered by selecting the add new icon for each ACM. **Lumping all the ACMs in one entry is not acceptable.**



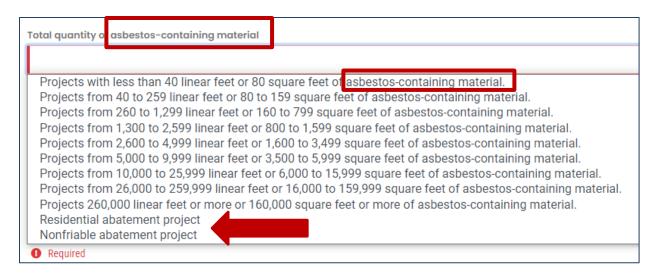
The section of the project notification that requires the quantity of ACM, in linear and square feet, is for the amount of ACM that will be abated and does not include asbestos-containing waste material (ACWM).

ACM is defined as a material containing more than one-percent asbestos by weight. OAR 340-248-0010(8).

ACWM is defined as waste that contains or is contaminated by asbestos-containing material. ACWM includes, but is not limited to:

- a. Waste asbestos tailings or commercial asbestos
- b. Waste generated by a source subject to OAR 340-248-0205 through 340-248-0280
- c. Filters from control devices
- d. Bags or containers that previously contained commercial asbestos
- e. Asbestos abatement project waste including:
 - Disposable equipment and clothing
 - Material used to establish a negative pressure enclosure
 - Demolition or renovation debris
 - HEPA filters
 - Other asbestos abatement project waste that cannot be decontaminated OAR 340-248-0010(9)

The notification rule OAR 340-248-0260(2)(a) identifies that the notification and fee are for ACM.



Use the following to identify which materials should be listed under linear feet versus square feet:

- Pipe insulation, heat duct tape and AC water/sewer pipe are materials that are quantified under linear feet on the notification. In addition, caulking and window putty that were applied in a linear application, such as around a window or along the seam of a roof, can be provided in linear feet on the notification.
- The quantity of most other materials must be provided under square feet. These
 materials can include but are not limited to wall or ceiling textures, coatings or taping
 mud; sheet vinyl, vinyl floor tile and mastics; tank, boiler and heating unit insulation; attic
 or wall insulation materials; built-up roofing, felts, silver roof paint and Nicolite roof paper;
 acoustical tiles; fireproofing; cement siding, roofing or panels.
- Residential projects and nonfriable projects have a flat fee and commercial project fees
 are based on square and/or linear feet of ACM. If the project is residential or nonfriable,
 select the appropriate project type instead of based on the quantity of ACM to avoid
 being overcharged

2.5 Project Detail

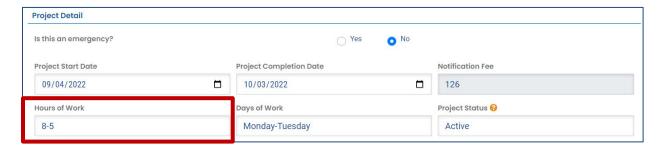
2.5.1 Emergency Waiver Requested

It is unnecessary for the contractor to call or email the regional asbestos program contact to request an emergency waiver. The online project notification form includes a question that asks if the project is an emergency. If answered "Yes" there is a follow-up question asking "Emergency Waiver Requested." When answered "Yes" this qualifies as a request for the emergency waiver by the contractor or owner/operator.



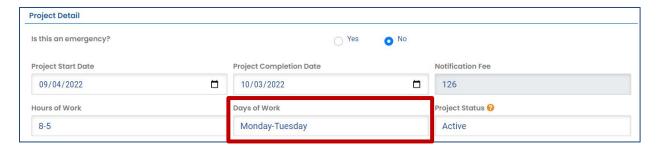
2.5.2 Hours of Work

Hours of work means the **actual work hours** the abatement contractor or owner/operator will be performing abatement activity at the project site such as 8-4:30, 7-5, etc. This question is not asking for the number of hours in the day, such as 8, that the abatement project will be occurring.



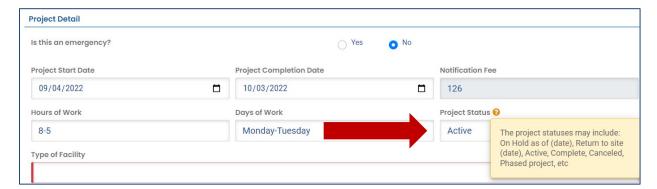
2.5.3 Days of Work

Days of work means the **actual days of the week** the abatement project will be occurring at the project site such as M-F, Th-F, etc. This question is not asking for the number of days in the week, such as three days, that the abatement project will be occurring.



2.5.4 Project Status

The purpose of the project status field is to provide additional information on the project such as the project will be in phases, the project is on hold or the crew will return to site.



2.5.5 Current and Prior Use of the Building

Current use is what the building is being used for at the time of the renovation or demolition project that requires an asbestos abatement project. An example would be that the facility is a doctor's office. Do not list occupied or vacant because that question has already been answered on the form.

Prior use is what the building was used for in the past. An example would be that the facility was used as a residence.

Important note: If the facility was used as a residence in the past yet currently is used as a doctor's office, this facility would have to be notified as a nonresidential renovation or a nonresidential demolition.



2.6 Project Supervisor

If the project supervisor's name is not in the dropdown menu, search for and choose "Not Available in Dropdown." In addition, contact the <u>NW Region asbestos program staff</u> and provide the certified supervisor's name(s) and certification number(s) that could not be located in the dropdown menu so this issue can be resolved.



2.7 Check by Mail Payment

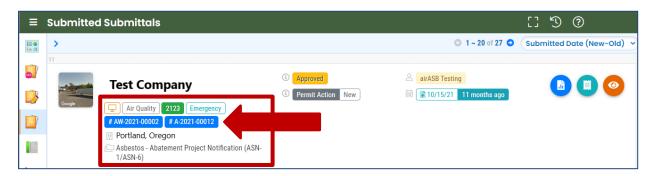
If check by mail is chosen as the fee payment method, the clock for the five- or 10-day waiting period begins when DEQ receives the payment. In addition, for an emergency project the fee must be received by DEQ within three days of the start date of the project. OAR 340-248-

0260(2)(b). The contractor must take into consideration the number of days it may take the post office to deliver the fee and receipt to the PO Box listed on the submittal receipt.

2.8 Assignment of Project Numbers

Once a project notification is submitted to DEQ, asbestos program staff review the submittal and generate project numbers. Each project notification will have an asbestos project number assigned. The project number will begin with the letter "A," will include the year and then a unique number such as A-2022-01466. This number will be linked when completing the air clearance report submittal after the project has been completed.

If the project is an emergency, an emergency waiver number will be assigned. The emergency waiver number will begin with the letters "AW," will include the year and then a unique number such as AW-2022-00586.

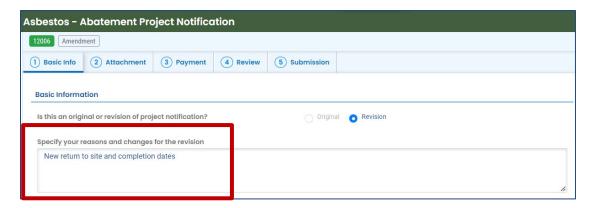


2.9 Amend a Project Notification

To amend/revise a project notification, see the instructional guide for <u>Amending Asbestos</u> <u>Abatement Project Notifications</u> listed under the asbestos program resources.

Important tips:

When the contractor chooses to amend/revise the notification, the revision must include
a description of the information being changed on the notification in the box "Specify the
reasons and changes for the revision." Secondly, the information being revised must be
changed in the sections of the notification. For example, change the start and completion
date of the project.



- Any project amendment that results in a fee change must be communicated to DEQ through the YDO Correspondence tab. In addition, an email must be sent to the appropriate regional asbestos program contact alerting them of this change.
- Any project amendment that changes the project to an emergency must be communicated to DEQ through the YDO Correspondence tab. In addition, an email must be sent to the appropriate <u>regional asbestos program staff</u> alerting them of this change. DEQ will have to assign an emergency waiver number.

3. Air Clearance Sample Results

Air clearance is required when the project is greater than 160 square feet or 260 linear feet and performed within a negative pressure enclosure (NPE). For each project that meets the air clearance requirement, each NPE requires at least one air clearance sample collected and analyzed by a third party who is NIOSH 582 certified. OAR 340-248-0270(8)(k)

However, if the size of the NPE is less than 160 square or 260 linear feet of ACM then air clearance is not necessary. If mini NPE's will be utilized, include this information in the Method of Abatement section of the notification and include the approximate square/linear feet of the mini NPE's. NPE(s) cannot be purposely subdivided into smaller units in order to avoid the air clearance requirement.

Air clearance results must be received by DEQ within 30 days from the completion date of the project. It is the responsibility of the asbestos abatement contractor to submit the Air Clearance Sample Results submittal and the associated third-party report to DEQ.

The Air Clearance Sample Results submittal is intended for the contractor to include all air clearances performed during a project. For large scale abatement projects that run for up to one year, there often can be many air clearances performed over a period of many months. One air clearance sample results submittal can be completed to provide the information for all the air clearances performed during the project.

3.1 Basic Information

There are three questions on the Basic Information tab:

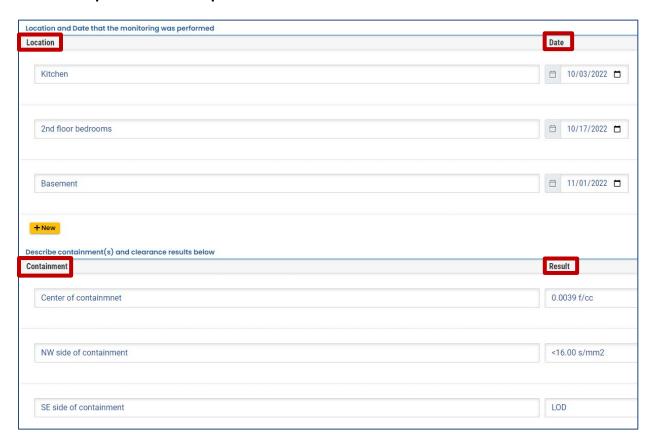
- 1. The first question asks for the name of the person or company that performed the abatement. **Answer: This will be the name of the asbestos abatement contractor.**
- 2. The second question asks for the name of the monitoring company. **Answer: This will** be the name of the third party that collected the air clearance sample(s).
- 3. The third question asks for the phone number of the person or company that performed the abatement. Answer: This will be the contact phone number of the asbestos abatement contractor.



3.1.1 Location, Date and Air Clearance Results

For each air clearance shown on the third-party report, select the add new icon in the location/date and containment/result sections for each air clearance result. As an example, if three air clearances were performed then there needs to be three location/dates and three corresponding containments/results.

Important note: The location and containment results must be completed. Listing "see attached report" is not acceptable.



Description of Terms

Location: Location represents where in the facility the air clearance was collected such as the kitchen, basement, 2nd floor, throughout, etc.

Date: The date is the actual date the air clearance was collected.

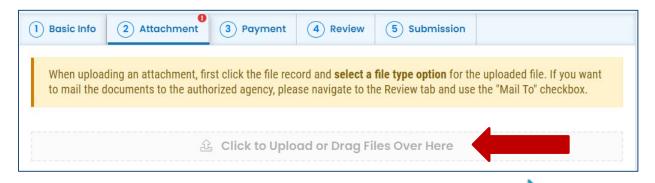
Containment: Containment represents where in the containment the air clearance was collected. Generally, the air clearance is collected from the center of the containment and listing center of containment is appropriate. However, for TEM air clearances a minimum of five air clearances per containment are required. Listing each location where the TEM air clearance was collected within the containment is appropriate such as the SE corner of containment, NW corner of containment, stairwell, etc.

Result: PCM (Phase Contrast Microscopy) air clearances are the most common air clearances. Results are to list the fibers per cubic centimeter (f/cc) result e.g. 0.002 f/cc. A passing PCM air clearance can have no more than 0.01 f/cc. OAR 340-248-0270(8)(k)

TEM (Transmission Electron Microscopy) air clearance is an alternative to PCM and typically associated with abatement performed in schools. Results are to list the structures per square millimeter (s/mm²) e.g. <15.2 s/mm². A passing TEM air clearance can have no greater than 70 s/mm². OAR 340-248-0270(8)(k)(C)(v)

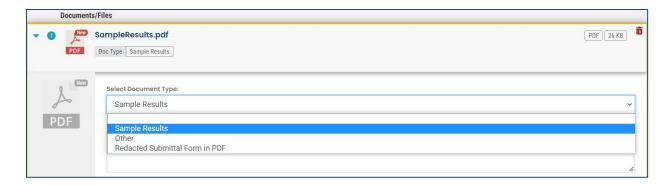
3.2 Attach Air Clearance Results

On the Attachment tab, the third-party air clearance results must be attached. Notice the red exclamation mark on the tab. The mark indicates that there is information or a task that has not been completed. If the information or task is not completed the report cannot be submitted. Click to upload and choose the file to be attached.



Once the third-party report(s) has been attached click on the blue arrow icon document type from the drop down menu and choose **Sample Results**.

. Select the

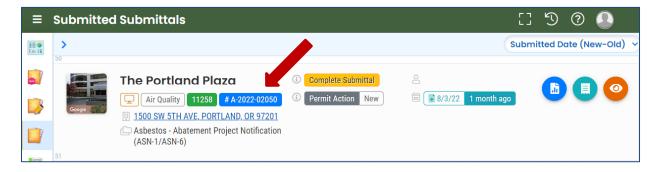


3.3 Reporting Results for Multiple Projects

There may be a project site that has had several asbestos abatement projects performed by different asbestos abatement contractors. In this scenario, the correct asbestos abatement project needs to be chosen for the air clearance sample results submittal.

As an example, the Portland Plaza located at 1500 SW 5th Ave in Portland has had numerous asbestos abatement projects performed by several asbestos abatement contractors. When a contractor is attempting to complete the air clearance sample results submittal for one of their projects at this location, they need to **link the project to the correct project number**. The following information should be reviewed first:

- 1. Open the asbestos abatement project notification(s) for this location and identify what unit number or location (e.g. unit 400) for the abatement project and the project date(s). Confirm that the air clearance is for that location at the facility and performed within the project date(s).
- 2. Once the correct project is identified for the corresponding air clearance, make note of the project number. The project number is in a blue block and includes a number that begins with A e.g. A-2022-02050.



When the contractor is completing the air clearance sample results submittal, they will be able to link the correct project number.



4. Abatement Contractor Licensing/Annual Notification Applications

4.1 Full Scale Asbestos Abatement Contractor License

Complete the required form fields even if "Provide Via Attachment" is selected.



After uploading the supervisor certification, click on the blue arrow icon and select "Copy of the ID Card for Each Listed Supervisor" from the drop down menu. The license application cannot be submitted if "Other" is selected.



Under the Submission tab, make sure to select the button next to "I have read and agree to the above certification statement."



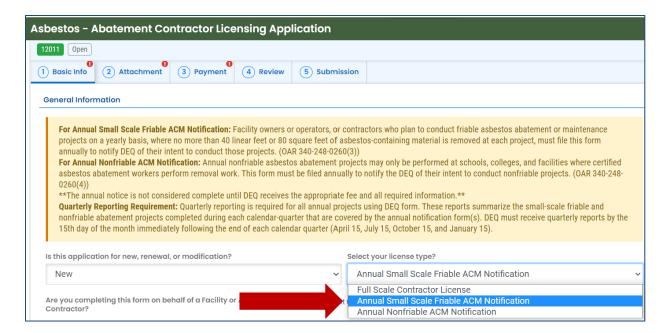
4.2 Annual Small Scale Friable Notifications

Annual small scale friable notifications can be submitted by licensed asbestos abatement contractors and facility owners or operators. Small scale abatement is where less than 40 linear or 80 square feet of ACM is removed for each project. Projects cannot be subdivided to then qualify as small scale. OAR 340-248-0260(3)

Licensed asbestos abatement contractors that have an annual small scale friable notification may conduct small scale projects anywhere, at any time and then report the small scale projects on the quarterly report.

Facility owners or operators that have an annual small scale friable notification must have appropriately certified asbestos workers and asbestos supervisors perform the small scale abatement. The facility owner or operator may conduct small scale projects only at their own facility, at any time and then report the small scale projects on the guarterly report.

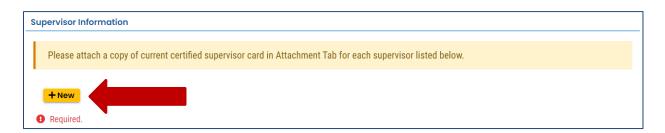
After choosing the annual small scale friable ACM notification, questions specific to this notification will be displayed.



4.2.1 Supervisor Information

A certified supervisor is required to be present during small scale projects. Each certified supervisor that may perform small scale abatement must be added by clicking the add new icon

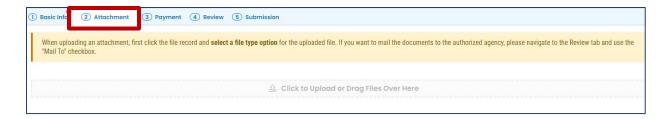
+ New



Click on the blue arrow icon and search for the certified supervisor's name. Once the name is located, click on the name to add it to the supervisor information.



Attach a copy of the supervisor card(s) under the Attachments ab. An annual notification application will be considered incomplete and sent back for correction.



4.2.2 Additional Questions

In the additional questions section, the start date and end date must be provided. These dates represent when the annual notification (year in length) begins and ends. For example, 6/1/22 through 5/31/23.

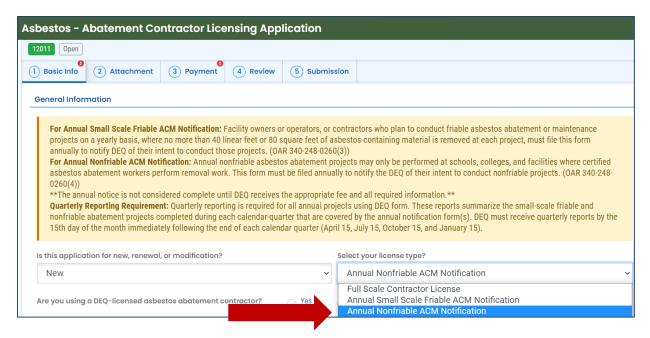


4.3 Annual Nonfriable Notifications

Annual nonfriable abatement can only be performed at facilities, schools or colleges. Appropriately certified asbestos workers must perform the nonfriable abatement. The certified asbestos workers performing the nonfriable abatement can be staff of the facility, school, college or by a licensed asbestos abatement contractor working under the annual nonfriable notification for the facility, school or college. There is no quantity limitation for annual nonfriable abatement performed under the annual nonfriable notification. The facility, school or college then reports the nonfriable projects on the quarterly report.

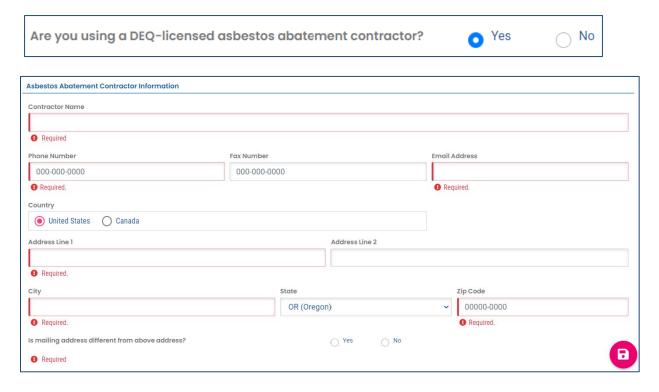
Important note: A licensed asbestos abatement contractor cannot submit an annual nonfriable notification submittal for their own use at multiple facilities.

After choosing the annual nonfriable notification, questions specific to this notification will be displayed.



4.3.1 Licensed Asbestos Abatement Contractor

If the facility, school or college will be using a licensed asbestos abatement contractor for nonfriable abatement performed under their annual nonfriable notification, the contractor information must be provided on the annual notification.



4.3.2 Additional Questions

In the additional questions section of the annual notification, the start date and end date must be provided. These dates represent when the annual notification (year in length) begins and ends. For example, 6/1/22 through 5/31/23.



4.4 DEQ Request for Nonfriable Projects

DEQ can request a list of scheduled nonfriable projects or nonfriable projects being conducted at the time of the request, performed under the annual nonfriable notification. OAR 340-248-0260(4)(f)

5. Quarterly Reports

Once the annual notification is submitted, DEQ asbestos program staff will generate four quarterly reports for the annual notification. If you do not have quarterly reports available, please contact the DEQ asbestos program contact for assistance.

Quarterly reports are due by the 15th day after the end of the quarter. OAR 340-248-0260(3)(c) & 340-248-0260(4)(c). Each quarter is for a three (3) month period:

Jan. 1 - March 31 (1st Quarter) Quarterly Report due by April 15

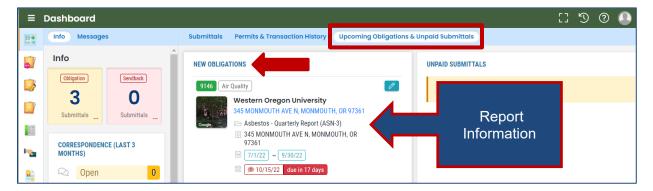
April 1 - June 30 (2nd Quarter) Quarterly Report due by July 15

July 1 – Sept. 30 (3rd Quarter) Quarterly Report due by October 15

Oct. 1 - Dec. 31 (4th Quarter) Quarterly Report due by January 15

5.1 Accessing Quarterly Reports

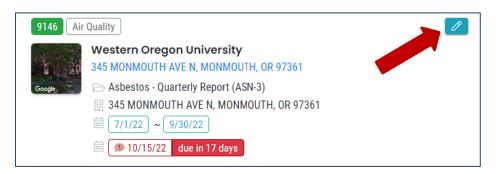
On the public user's dashboard under "Upcoming Obligations" section, quarterly reports associated with the annual small scale friable notification or the annual nonfriable notification will be displayed.



The following information is provided for each quarterly report listed under New Obligations:

- The four digit number in the green block is the unique submittal number for each quarterly report.
- The first line identifies the contractor or facility name. The second line is the contractor or facility address shown in blue font.
- The third line identifies that this report is for the Asbestos Quarterly Report (ASN-3).
- The fifth line displays the date ranges for the quarter shown in turquoise.
- The sixth line, shown in red, shows the due date of the quarterly report. Also, in the red block it identifies either how long until the report is due or how many days the report is past due.

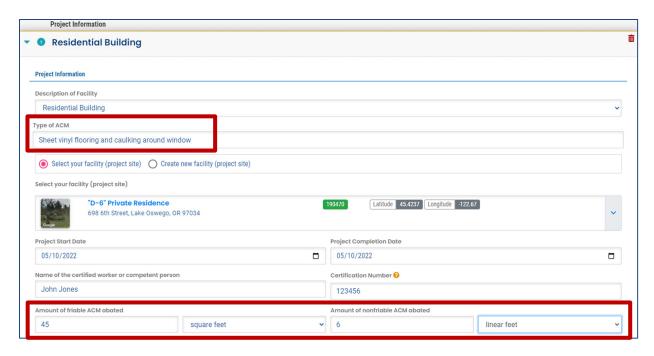
To begin the report, select the blue pencil icon.



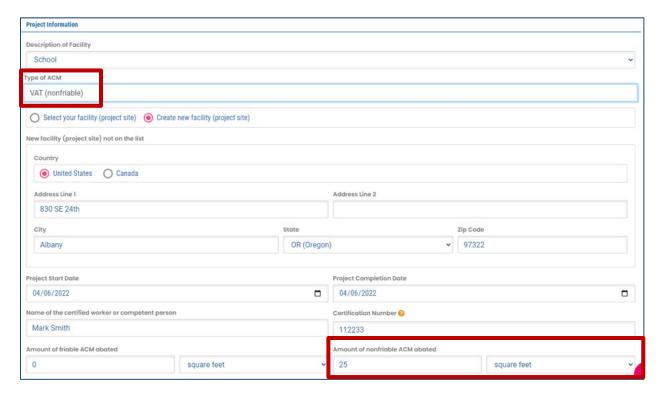
5.2 Adding Small Scale/Nonfriable Projects

In the Basic Information tab under the project information section, select the add new icon to add a small scale friable project or a nonfriable project performed under the annual nonfriable notification. Specific information about the project is required. Clarification of some of the required information is provided:

- Type of ACM: List the actual asbestos-containing material that was abated such as sheet vinyl, pipe insulation, popcorn texture, VAT, etc. Listing "Friable or Presumed ACM" is not acceptable.
- **Amount of friable ACM abated**: List the amount of Friable ACM abated. Choose from the drop down menu either linear or square feet depending on the ACM abated.
- Amount of nonfriable ACM abated: List the amount of Nonfriable ACM abated.
 Choose from the drop down menu either linear or square feet depending on the ACM abated.



Note: A contractor or facility owner/operator that has an Annual Small Scale Friable notification can also perform small scale (less than 40 linear or less than 80 square feet) nonfriable abatement under this notification and report under their quarterly report.



5.2.1 Adding Completed Small Scale Projects

A running list of the completed small scale friable projects or nonfriable projects performed under an annual nonfriable notification can be added to the quarterly report. After adding the information for each small scale/nonfriable project, click the save icon. At the end of the quarter submit the quarterly report.

6. General Program Clarifications

- A. **Silver roof paint**: Silver roof paint used on any layer of roofing is considered friable ACM. In addition, silver paint used on any other surface (walls, equipment, etc.) is also considered friable ACM.
- B. **Condominiums**: For a condominium to be considered a residence for the project notification, there can only be **four or fewer** condos in a building and each condo must be individually owned, or there are only four or fewer condos in total at the facility regardless of ownership.

For multiple condos where there are **more than four units**, regardless of ownership, the project notification would be either nonresidential renovation or nonresidential demolition and notified based on the square and/or linear footage of ACM. This type of facility is considered an installation and is not residential.

Installation "means a building or a group of buildings or structures at a single demolition or renovation site that under the control of the same owner or operator, or under the control of owner or operators of demolition or renovation activities that are under common control." OAR 340-248-0010(28)

This also applies to other type of facilities with a group of duplexes, triplexes, fourplexes and other type of multi-unit complexes. These types of facilities are considered installations and are not residential.

- C. Survey expiration: There is no rule that specifies that an asbestos survey has an expiration date. However, consideration must be made to verify that the prior survey may not include the area that may be renovated or demolished in the future. As an example, a 2005 survey was performed of the first floor of a commercial building. A planned demolition is targeted for next year for the entire commercial facility. An asbestos survey for the entire commercial facility will be required.
- D. **Composite analysis**: As of November 2018, distinct layers cannot be composited for analysis. When a sample consists of two or more distinct layers or materials, each layer must be treated separately and the results must be reported by individual layer.
 - Plaster and stucco: If plaster and stucco wall or ceiling systems are layered, and the layers can be distinguished, then the layers must be analyzed separately. Where a plaster or stucco wall system is constructed in layers, and the asbestos-containing layer becomes a distinguishable but "non-separable" component of the wall system, the results of the analysis of the individual layer(s) may include a small amount of the other layers when analyzed. For example, a

skim or brown coat layer may contain a small amount of the base coat layer in the analysis of the skim coat layer.

- Add-on materials (surfacing): All materials "added" to wallboard or other base materials (such as sprayed-on materials, paint, ceiling or wall texture) must be analyzed separately, if possible. The results of the analysis of those individual layers of "add-on" material cannot be averaged with the result of the analysis of wallboard for a composite result but must be analyzed and reported separately. Where a thin coating of one material is applied over another material and the materials cannot be separated without compromising the layers, the analysis may include a small amount of the base layer. If for example, a paint layer containing asbestos is spread over a wallboard layer, and the paint layer cannot be separated from the wallboard, then a small amount of the wallboard layer may be included in the sample of the paint.
- Joint compound and wallboard: When joint compound or tape is applied to
 wallboard, it becomes an integral part of the wallboard and in effect becomes one
 material forming a wall or ceiling system. Therefore, a bulk sample of the system
 that contains the joint compound, tape and wallboard may be analyzed to identify
 the asbestos percentage of the system. Surfacing materials or other layers that
 can be separated must not be included in the analysis.

EPA Asbestos NESHAP Clarification regarding Analysis of Multi-Layered Systems 1/5/94

E. **NPE Barrier requirements during a friable project:** Any area where friable asbestos materials are to be abated must be enclosed with a NPE prior to and during abatement.

Barrier requirements:

The barrier must cover all gaps in the area surrounding the asbestos abatement, including doorways, windows, HVAC systems, drains, plumbing, and other gaps with plastic with a minimum thickness of 6 mil.

Plastic sheeting that does not cover a gap in the abatement area, but is used to protect structural components or equipment, does not have to have a thickness of 6 mil.

Waste handling and disposal:

The material used to establish a NPE is considered Asbestos-Containing Waste Material (ACWM), and must be packaged and disposed of in accordance with <u>DEQ regulations</u>.

- F. Exceptions for use of NPE during a friable project: There are several specific NPE exceptions found in OAR 340-248-0270(8)(e)(F):
 - "A negative pressure enclosure is **not required** for abatement of **friable** asbestoscontaining material when:
 - Abating asbestos-containing petroleum-based roofing products or cement asbestos roofing; or

ii. Abating a **total project amount** of asbestos-containing material that may be contained in a **single glove bag**."

The exception for the single glove bag is specific to the total project amount of ACM that is abated in a single glove bag. If use of more than one glove bag is necessary during the friable abatement project, then NPE is required.

- G. **Notification fee refund**: OAR 340-248-0270(9) lays out the requirements for a notification fee refund. If a complete fee refund request is received, DEQ may refund the fee. All of the following information and documentation must be submitted in writing to the appropriate regional asbestos program staff:
 - 1. The request for a fee refund must be made in writing to DEQ and must be submitted prior to the project's original start date.
 - 2. A copy of the original notification and the most recent revision.
 - 3. Proof that the contractor was awarded the contract for the project prior to submitting the notification to DEQ.
 - 4. Verification of payment to DEQ (YDO fee payment receipt).
 - 5. Proof that the ACM or ACWM was present at the project site, such as survey results. If the material is assumed to be ACM and treated as such in order to avoid survey and lab costs, provide a photo or written description of the material.
- H. Work practice variance requests: The most common work practice variance requests DEQ receives is for a variance of the NPE requirement (OAR 340-248-0270(8)(e)(D) and use of mechanical equipment outside of NPE (OAR 340-248-0270(8)(g). In addition, less common variance requests include a waiver for dry removal (OAR 340-248-0270(8)(c)(A) and turning off the NPE during the project (OAR 340-248-0270(8)(e)(D).

What is the process for requesting a work practice variance?

- 1. A work practice variance request must be submitted in writing to DEQ.
- 2. Submit the request before the variance is necessary for the project and provide ample time for DEQ program staff to review the variance request.
- 3. Submit the variance request to the appropriate regional asbestos program staff.
- 4. The written proposal should include a description of the project, the reasons for the variance request, the abatement and disposal work practices that will be employed during the project and any other relevant information.
- 5. Include a PDF copy of the project notification.

The written request can be emailed to the appropriate regional asbestos program staff or the written request can be included as an attachment in the YDO submittal of the project notification. If the contractor is choosing to attach the written request as an attachment in the YDO submittal, send a follow-up email to the asbestos program staff alerting them of the variance request.

When is a variance request not required? When the contractor is requesting a variance of the NPE requirement, a variance request of the air clearance requirement is unnecessary. If NPE will not be used during the project then the air clearance requirement does not apply.

7. Asbestos Program Staff Contacts

- Northwest Region Portland Office Clackamas, Clatsop, Columbia, Multnomah, Tillamook & Washington Counties: Naveed Mir, 503-229-5982 or email: deg.nwrasbestos@deg.oregon.gov
- Eastern Region Bend Office Crook, Deschutes, Harney, Hood River, Jefferson, Klamath, Lake, Sherman, Wasco, Baker, Gilliam, Grant, Malheur, Morrow, Umatilla, Union, Wallowa & Wheeler Counties: Eric Shafer, 541-633-0493 or email: eric.shafer@deq.oregon.gov or Tom Hack, 541-278-4626 or email: tom.hack@deq.oregon.gov
- Western Region Salem Office Benton, Lincoln, Linn, Marion, Polk & Yamhill Counties:
 Dottie Boyd, 503-378-5086 or email: dottie.boyd@deq.oregon.gov
- Western Region Medford Office -Jackson, Josephine, & Eastern Douglas Counties: Jennifer Horton, 541-776-6089 or email: jennifer.horton@deq.oregon.gov
- Western Region Coos Bay Office Western Douglas, Coos & Curry Counties: Martin Abts, 541-269-2721, ext. 222 or email: martin.abts@deq.oregon.gov

Asbestos Abatement Contractor License Questions:

• Naveed Mir, email: deq.oregon.gov; phone: 503-229-5982.

8. Helpdesk and Resources

For more information, training and resources, go to the <u>Your DEQ Online Help page</u>. For technical assistance, contact the <u>Your DEQ Online Helpdesk</u>.