

BEFORE THE BOARD OF COMMISSIONERS
FOR TILLAMOOK COUNTY, OREGON
SITTING AS THE BOARD OF THE SOLID WASTE SERVICE DISTRICT

JUL 26 2018
TASSI O'NEIL
COUNTY CLERK
947
[Signature]

In the Matter of Establishing)
Acceptance Procedures) ORDER #18- 073
and Disposal Rates for)
Asbestos-Containing Materials) SWSD #18- 015
at the Tillamook Transfer Station)

This matter came before the Tillamook County Board of Commissioners, sitting as the governing body of the Solid Waste Service District (SWSD), on July 25, 2018, at the request of David McCall, Solid Waste Program Manager.

The Board of Commissioners, being fully apprised of the representations of the above-named person, and the records and files herein, finds as follows:

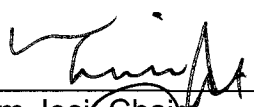
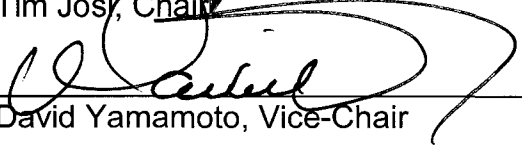
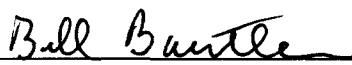
1. The proper handling of asbestos materials is necessary to ensure the health and safety for everyone involved in or affected by construction, remodeling, and demolition activities.
2. The Tillamook County Solid Waste Department, in conjunction with the Department of Community Development, the franchised haulers in Tillamook County, and transfer station operators in Tillamook, Clatsop, and Lincoln Counties, has developed a procedure to identify and document construction, remodeling and demolition debris delivered to Tillamook County transfer stations.
3. The Solid Waste Department has prepared the necessary documentation and procured the required equipment and materials so that asbestos-containing materials (ACM) can be accepted in small quantities at the Tillamook Transfer Station, pending final approval from the Oregon Department of Environmental Quality.
4. In accordance with Ordinance #4, Section 5.01 B. b., the Board may by ordinance or order establish rates that are uniform within zones based upon the length of haul to disposal sites, concentration of customers and other factors which may, in the opinion of the Board, justify establishment of rate differentials.
5. Rates for trash collection and disposal by solid waste collection franchisees are established by this governing body and were last changed for the Tillamook Transfer Station on March 22, 2017 by Order #17-026, SWSD Order #17-003.
6. The Tillamook County Solid Waste Advisory Committee at its July 10, 2018 meeting was in support of the proposed process and service for accepting ACM at the Tillamook Transfer Station.
7. The proposed rates will be just, fair, reasonable, and sufficient to provide the proper service to the public.

NOW, THEREFORE, IT IS HEREBY ORDERED that:

8. The proposal for asbestos disposal and rates outlined on Exhibit "A" are approved and become effective pending approval by the Oregon Department of Environmental Quality. The approved rates include:
- \$10.00 per bag of double-bagged ACM (max. 25 lbs., max. 38" x 60")
 - \$0.16 per pound for sealed drums (max. 55 gallons.)
 - \$319.75 per ton for other materials with a minimum fee of \$10.00
9. The Solid Waste Administrator is authorized to approve changes in the procedure for the disposal of ACM as necessary.

DATED this 25th day of July, 2018.

THE BOARD OF COMMISSIONERS
FOR TILLAMOOK COUNTY, OREGON

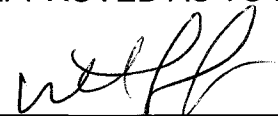
	Aye	Nay	Abstain/Absent
 _____ Tim Josi, Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 _____ David Yamamoto, Vice-Chair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 _____ Bill Baertlein, Commissioner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTEST: Tassi O'Neil
County Clerk

By: 

Special Deputy

APPROVED AS TO FORM:



William K. Sargent, County Counsel

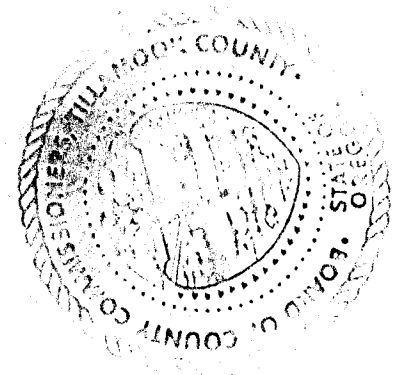


EXHIBIT A

Asbestos Disposal Requirements

First, determine if your materials require an **Asbestos Survey**

- Asbestos Surveys are not required for waste loads solely comprised of mastics and roofing products that are fully encapsulated with a petroleum-based binder and are not hard, dry, or brittle, and are not made friable. This material is considered exempt from ACM packaging/disposal requirements.
- A Survey is required for loads containing demolition, renovation and/or roofing material that is not fully encapsulated if the load is from either of the following:
 - A public or private commercial building.
 - A residential unit prior to any demolition.
 - All loads of construction and demolition debris are required to complete a C& D form.

If your materials require an Asbestos Survey, you must arrange testing by an accredited testing lab.

- The survey must contain the address of the point-of-generation.
- If the survey states the load does not include Asbestos Containing Material (ACM), the load can be accepted as non-ACM.
- If the survey states the load contains ACM, the load must meet DEQ asbestos waste materials disposal requirements.

Professional Asbestos Abatement Contractors are trained in the proper methods to remove asbestos from your home or other structure. A list of licensed asbestos abatement contractors can be found at www.oregon.gov/deq/FilterDocs/asb-contr.pdf.

ACM is any material containing more than 1% asbestos by weight. The Oregon Department of Environmental Quality (DEQ) regulates the disposal of ACM from public and private buildings to prevent asbestos fiber release and exposure.

ACM Disposal Requirements

The Tillamook Transfer Station is able to accept small quantities of properly prepared ACM from residents, according to the following guidelines:

1. Plan for Your Disposal

- Tillamook County provides for small quantities of ACM disposal by appointment only. Call the Tillamook Transfer Station at (503) 842-4588 to schedule an appointment.

2. Wet, Wrap and Label Your Load

- Wet ACM thoroughly with water to ensure it remains wet until disposal.
- Place friable and non-friable ACM in leak-tight containers such as two 6-mil asbestos disposal bags for a minimum thickness of 12-mil. Fiber, plastic, and steel drums are also acceptable containers, as long as all drums are lined with one 6-mil plastic asbestos disposal bag inside to quality as two bags, and the drum lids are sealed with duct tape or equivalent.
- Each 33 x 50, 6 mil. Asbestos defined bag may contain a maximum of 25 pounds of ACM.
- Label ACM packaging as required. (See back panel).

3. Complete an Asbestos Waste Shipment Report

- An Asbestos Waste Shipment Report (ASN-4) is required for each ACM load.
- Forms are available at the transfer station office, DEQ website or at the Solid Waste website at www.co.tillamook.or.us/gov/solidwaste.
- Our staff will review all forms for accuracy and completeness. We will also inspect waste loads to verify accuracy of form information.

ACM that is improperly packaged or labeled will not be accepted. No exceptions.

Note: If there is an issue with the packaging tearing or rupturing, the customer/and or generator may be responsible for clean-up fees and any costs imposed on the facility.

Tillamook County is required to share ASN-4 reports and other information with DEQ. The provision of this service does not exempt homeowners or contractors from other requirements. Tillamook County does not assume

any responsibility for the actions taken by homeowners or contractors in their compliance with DEQ or other regulations or requirements.

ACM Must Be Labeled with the following information:

- ✦ Danger
- ✦ Contains Asbestos Fibers
- ✦ Avoid Creating Dust
- ✦ Cancer and Lung Disease Hazard
- ✦ Avoid Breathing Airborne Asbestos Fibers
- ✦ Name of ACM generator
- ✦ Location where ACM was generated

Hours & Pricing

• Tillamook Transfer Station accepts friable and non-friable ACM **by appointment only** 8 a.m. – 2 p.m., Monday – Friday. Call the Tillamook Transfer Station at **(503) 842-4588** to schedule an appointment.

Disposal Pricing:

- Bagged material: \$10.00 per bag (maximum 25 lbs., max 38 x 60)
- Sealed Drums: \$0.16 per pound (maximum 55 gal.)
- Other: \$319.75 per ton (minimum \$10.00)

Final Checklist for ACM Disposal

- ✓ Wet, wrap and label your load
- ✓ Complete a Waste Shipment Report (ODEQ issued ASN-4 Form)
- ✓ Bring extra packaging supplies in case of damage during transport

Tillamook Transfer Station offers the following Asbestos Packaging Material:

- Asbestos bags: \$2.50 per bag
- Duct tape: \$10.00 per roll
- Labels: \$0.30 per label

List of materials suspected of containing asbestos

This table identifies commonly found construction and demolition waste materials that may contain asbestos.

This is not a complete list of all asbestos-containing materials.

<u>Suspect Friable Asbestos Containing Materials</u>
Acoustical ceiling tiles
Air-duct cement, tape, and insulation (white paper on seams and or complete wrap)
Block insulation, Magnesia (MAG)
Building insulation – Vermiculite in walls, attics- Not including fiberglass, Cellulose, Rockwool
Adhesives/ Mastics (If dry and brittle)
Caulks and putties (If dry and brittle)
Fire doors & Walls
Flashing cement
Furnace cement
Gaskets (furnaces, boilers, woodstoves)
Interior wall and ceiling textures, skim and brown coats
Joint compound & taping mud compound
Nicolite™ roof paper
Patch compounds
Petroleum bound built up, felt layered, rolled, and patch roofing (non pliable, brittle)
Plaster
Sheet vinyl flooring
9"x9" floor tile and 12"x12" floor tile that have been shattered, fragmented, and broken into many pieces
Mastics (if dry and brittle)
Silver roofing paint
Sink undercoating (Sprayed on)
Spray applied insulation soundproofing and fireproofing
Spray applied textured or acoustical ceilings (popcorn texture, orange peel, trowel)
Stucco
Tank, and boiler insulation (White in color with chalk like appearance or may look like corrugated cardboard and is often called air-cell)-Not including fiberglass
Thermal system pipe insulation (White in color with chalk like appearance or may look like corrugated cardboard and is often called air-cell)-Not including fiberglass
Vapor barrier products (if dry and brittle)
Wallboards
Window glazing (if dry and brittle)
<u>Suspect Nonfriable Materials.</u>
Petroleum-bound nonfriable materials are generally pliable and will not be rendered friable unless brittle. Other types of nonfriable materials can be rendered friable by activities such as sanding, grinding, breaking, fragmenting, pulverizing, shattering, dozing, or if the nonfriable material is not handled appropriately.
Adhesives/ Mastics (pliable)
Cement asbestos board, known as CAB / Transite in whole pieces that have not been shattered or fragmented
Cement siding and roofing products, know as CAB / Transite in whole pieces that have not been shattered or fragmented
Cement water pipe (Not shattered or fragmented, whole pieces)
Petroleum bound built up, rolled, and patch roofing (pliable)
9"x9" floor tile, 12"x12" floor tile (Whole pieces not shattered, fragmented, or broken pieces)
Mastics (pliable, not dry nor brittle)
Window glazing (pliable)



CONSTRUCTION AND DEMOLITION WASTE ACCEPTANCE FORM



1. Did waste materials originate from a structure or RV constructed after January 1, 2004, or were the materials manufactured after January 1, 2004?
 Yes (if yes, skip to #4) No
2. Was an asbestos survey conducted?
 Yes (if yes, attach survey) No (if no, skip to #4)
3. If any asbestos-containing materials were identified in the survey, submittal of this form is my statement that those materials were handled properly and are not present in this load.

Signature: _____

4. Address of work site: _____
 Property owner: _____
 Phone: _____
 Mailing address (if different): _____

5. Hauled by:
 License number of hauling vehicle: _____
 Building Contractor (if self, skip to #6)
 Waste Hauler (if waste hauler, complete the following):

 Name of hauling company or contractor: _____
 Company contact: _____
 Phone number: _____

6. Description of waste:

7. Certification: I certify that the above information is true and correct to the best of my knowledge, and that the documentation presented represents the materials delivered to the transfer station. I also attest that the waste materials in this load do not contain asbestos.

Name (Print): _____

Signature: _____

FACILITY USE ONLY			
Date: _____	Time: _____	AM/PM	
Facility Accepted:	<input type="checkbox"/> MTS <input type="checkbox"/> Yes	<input type="checkbox"/> TTS <input type="checkbox"/> No	<input type="checkbox"/> PCTS Comments: _____
Tracking Number: _____			



CONSTRUCTION AND DEMOLITION WASTE ACCEPTANCE FORM



To protect the health and safety of our employees and customers, all loads of construction, remodeling and demolition waste brought to Tillamook County transfer stations are screened before, during and after unloading for materials that may contain asbestos. This form is required for all such loads of waste that contain construction and demolition waste.

Analytical test results are required for the following products commonly known to contain asbestos:

- **Interior walls and ceilings:** acoustical tiles, glue dots, plaster, and textured surfaces
- **Exterior walls:** cement siding, stucco
- **Flooring:** vinyl tiles, sheet vinyl, some mastic adhesives
- **Insulation/fireproofing:** block, boiler, spray-applied, vermiculite, monokote, sink undercoating, thermal system insulation (fiberglass, cellulose, and mineral wool are exempt)
- **Gaskets:** furnace, mechanical, boiler, wood stove (automotive gaskets are exempt)
- **Heating:** white paper or seam tape on ducts, air-duct cement and insulation
- **Roofing materials:** tar paper, felt, silver/white roofing paint, Nicolite paper
- **Fire doors, fire/kiln brick and fireproofing**
- **Various compounds:** window glazing, adhesives, caulks, patching, mastics, vapor barrier products (plastic or synthetic materials such as Tyvek are exempt)
- **Electrical:** switch gear, circuit boxes and fuse panels; wiring with cloth insulation (Romex wiring is exempt)

PLEASE NOTE: Flat/built-up roofing is not accepted, even if customers present negative analytical test results.

INSTRUCTIONS

- This form is required for all loads containing construction, remodeling or demolition debris.
- This form should be completed by the person responsible for and knowledgeable about the contents of the load.
- For multiple-load projects, copies of this form will be accepted, but the contents of the load must match the description of the waste materials on the form.

All parties involved (generator, contractor and hauler) may be held responsible for the abatement of positive (greater than one percent asbestos by weight) asbestos-containing materials unloaded at Tillamook County's transfer stations, including but not limited to the costs for testing, a licensed abatement contractor, fines and administration.

Additional Information about Asbestos

Find information about how to identify asbestos and protect yourself, your family and neighbors from it, along with lists of analytical laboratories and licensed asbestos abatement contractors, from the Oregon Department of Environmental Quality website, <http://www.oregon.gov/deq/Hazards-and-Cleanup/Pages/Asbestos-Information.aspx> or call 800-349-7677



PLEASE PRINT OR TYPE. If you have questions, contact your local DEQ Regional Office in Portland 503-229-5364, Salem 503-378-5086, Medford 541-776-6107, Coos Bay 541-269-2721 ext. 222, Bend 541-633-2019, or Pendleton 541-278-4626.

WASTE GENERATOR: (Contractor, Facility, or Operator)

1. Asbestos removal site name and address: _____

Street _____ City/State _____ County _____ Zip _____

Contact person: _____ Phone: _____

2. Contractor/Operator's name and address: _____ Phone: _____

Street _____ City/State _____ County _____ Zip _____

3. Waste disposal site: _____ Phone: _____

Street _____ City/State _____ County _____ Zip _____

4. Describe asbestos materials: _____

5. Containers: Number: _____ Type: _____

6. Total quantity (cubic yards): _____

7. **OPERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to all government regulations. All movement of this asbestos-containing material is recorded on this Waste Shipment Record Form.

Agent: _____ Company: _____

Address: _____ Phone: _____

TRANSPORTER(S):

8. Transporter #1: (Acknowledgment of receipt of materials)

Agent: _____ Company: _____

Address: _____ Phone: _____

Signature: _____ Date: _____

9. Transporter #2: (Acknowledgment of receipt of materials)

Agent: _____ Company: _____

Address: _____ Phone: _____

Signature: _____ Date: _____

DISPOSAL: (Certification of receipt of asbestos materials covered by this manifest, except as noted in item 11 below.)

10. Waste Disposal Site: _____

Name and Title: _____ Date: _____

Signature: _____ Phone: _____

11. **DISCREPANCY SPACE:** (Add attachments as needed) _____

Instructions for using DEQ Form ASN 4

Waste Shipment Report Form

This form is to be used as a permanent record for documenting asbestos-containing waste materials from removal site to final disposal. The Oregon Department of Environmental Quality (DEQ) regulation that applies to asbestos waste disposal is found in OAR 340-248-0280 and -0290.

WASTE GENERATOR SECTION

(Numbers below correspond to numbers on the front of this Form)

1. Enter the name and address of the site where the asbestos waste was generated. Enter the name and phone number of the contact person for the contractor, facility, or operator of the asbestos waste generation site.
2. Enter the name, phone number and address of the person performing the asbestos abatement.
3. Enter the name, phone number and address of the disposal site that the waste is taken to.
4. Describe the materials being removed. (i.e. pipe insulation, flooring, roofing, popcorn ceiling material, HVAC system insulation, or nonfriable asbestos.)
5. List the total number of containers and their type. Also enter one of the following container codes used in transporting each type of asbestos material. (Specify any other type of container used if not listed below):

DM	Metal drums, barrels
DP	Plastic drums, barrels
BA	6 mil. plastic bags or wrapping
NFC	Leak-tight containerization for nonfriable asbestos waste material.
6. Give an estimate of the total cubic yards of material.
7. Print clearly the name of the company and their authorized signer. This section of the form must be signed and dated.

NOTE: The waste generator must retain a copy of the completed disposal form.

WASTE TRANSPORTER SECTION

8. Transporter #1: Acknowledgment of receipt of asbestos waste materials. Print agent and company name, then sign and date.
9. Transporter #2: Acknowledgment of receipt of asbestos waste materials. Print agent and company name, then sign and date.

NOTE: If there are more than two transporters attached a new waste shipment form.

DISPOSAL SITE SECTION

10. List the name of the waste disposal site, print the name, title and phone number, then sign and date form. This certifies that you have received the asbestos material covered by this manifest.
11. Discrepancy space. This space is used if there is a discrepancy between the amount of the material received by the landfill and the amount of material listed on the waste shipment report form.

NOTE: The waste disposal site operator must retain a copy of this form.

In addition, asbestos waste disposal regulations require that the Waste Disposal Site operators take the following actions:

- Send a copy of the completed and signed Waste Shipment Report Form to the Waste Generator as soon as possible, but no later than 30 days after the waste has been received at the disposal site.
- Notify DEQ immediately by telephone of improperly enclosed or uncovered waste. Submit a written report to DEQ the following working day, along with a copy of the Waste Shipment Report Form.
- If you discover a discrepancy between the quantity of waste designated on the Waste Shipment Report Form and the quantity of waste actually received, attempt to reconcile the discrepancy with the Waste Generator. You must report, in writing, to DEQ within 15 days after receiving the waste any discrepancies that cannot be reconciled. Submit a copy of the Waste Shipment Report Form with this report.