



WASTE CONNECTIONS, INC.
Connect with the Future®

Transfer Station Construction and Demolition Acceptance Updates

Waste Connections of Washington, Inc.

- Started in Vancouver 20 years ago
- Locally managed
- Employ 400+ members of the Clark County Community
- Hauling, Transfer Stations, Hog Fuel
 - 100+ routes daily service 140,000 customers
 - 3 Transfer Stations (Columbia Resource Company)
 - 1 Yard Debris/Wood grinding (Triangle Resources)



Waste Connections of Washington, Inc.

Core Values Driven

1. Safety
2. Integrity
3. Customer Service
4. Great Place to Work
5. Premier Solid Waste Services Company



Timeline of Asbestos Regulations

- 2014: Oregon DEQ directs disposal facilities across the state to more effectively screen for potential asbestos containing material (ACM)
 - Metro Area (Oregon only) transfer stations cease accepting plaster in late summer.
- January 1, 2016: Metro TS's begin requiring acceptance form and asbestos survey for all construction and demolition (C&D) loads.



Timeline of Asbestos Regulations

- Early 2016: City of Vancouver and Clark County Public Health convened a group to evaluate ACM acceptance standards at local TS's.
 - SW Clean Air Agency, CCPH, City of Vancouver, CC Solid Waste, Waste Connections
 - Goals:
 - Improve workplace safety for TS employees
 - Be consistent with other communities in I-5 corridor
 - Do not push the problem elsewhere



Timeline of Asbestos Regulations

- 2017: Developed official timeline and education materials
 - Decided on February 1st, 2018 for least impact
 - Developed and distributed flyers and cards
 - Letter to high volume customers at TS's
 - Press release
 - Bill insert to WCI customer base



DIY Project? Remodeling?

**DANGER
ASBESTOS**

1. INSPECT

Identify all suspected materials that may contain asbestos and make sure these have been properly sampled and sent to a lab for testing before any tear-out work begins.

2. PROTECT

If asbestos is present, protect yourself and others by using proper personal protective equipment and following approved methods when removing it.

3. BAG

All material containing asbestos must be properly double-bagged in pre-labeled, 6-mil polyethylene 33-by-50-inch bags. You must dispose of asbestos-containing materials at a designated, licensed site.

Southwest Clean Air Agency

Phone: 360-574-3058

Email: info@swcleanair.org

Website: www.swcleanair.org/asbestos



SWCAA

Southwest Clean Air Agency

NEWS RELEASE

Remodel? Repair? DIY Project? Take steps to avoid asbestos danger

Vancouver, Wash. – Popcorn ceilings, vinyl flooring, cement siding, adhesives and more! Local government agencies in Southwest Washington are reminding residents that dangerous asbestos fibers can be found in these and many other materials within homes, no matter when it was built.

Before remodeling, repairing or disturbing any materials, take steps to guard against potential health risks to you, your family and others in the community. That includes proper disposal at the local transfer station, where changes are coming to further protect workers from potential asbestos-containing materials.

Whether you do the work yourself or hire a contractor, be safe: Check! Inspect! Protect!

While some materials are more likely to contain asbestos than others, you can't identify asbestos simply by looking at it. When asbestos-containing material is disturbed or damaged, it releases tiny fibers into the air that are too small to be filtered by a dust mask. There is no safe threshold for exposure to asbestos.

Southwest Clean Air Agency, Clark County Public Health, City of Vancouver Public Works, Waste Connections of Washington and Columbia Resource Company recommend the following steps for all remodels and repairs:

Here are just a few of the common places where asbestos fibers may be lurking in a home or building:

- roofing & siding shingles
- attic insulation
- popcorn ceilings & textured paint
- ceiling & wall tiles
- drywall taping & joint compound
- vinyl floor tiles & glue
- cement, insulation, tape wrap & cloth in or around heating ducts & hot water pipes

Recommended Process

- **CHECK:** Treat all suspect materials as if they contain asbestos until you are sure they don't. Call Southwest Clean Air Agency for advice before you remodel, hire a contractor or handle asbestos yourself.
- **INSPECT:** Depending upon the project and materials, an AHERA accredited inspector may need to visit your home to inspect for possible asbestos-containing materials.
- **PROTECT:** If materials containing asbestos are found in a commercial or residential structure, and that material will be disturbed, it must be properly removed before beginning remodeling, repair or demolition. Be prepared to provide proper paperwork and packaging needed to dispose of these materials at the transfer station. Call Waste Connections/CRC to learn about proper disposal requirements for any materials that may contain asbestos.



Recommended Process

- **An asbestos survey** is a report created by an accredited and qualified asbestos inspector. An inspection is performed before any demolition or renovation activities to determine the presence of friable and non-friable asbestos containing materials. Samples are collected of any suspect materials, and analyzed for asbestos content. A final report is then presented to the building owner or contractor – this report is the survey.
- **An analytical report** is a report created by a laboratory after analyzing suspect material for asbestos content, and is much more reasonable in cost than a survey.



Recommended Process

- If there is anything on the survey that indicates there was potential ACM, make sure there is an analytical report noting the asbestos content of the material.
- If the analytical report **shows 1% or less asbestos**, CRC will accept the load. CRC will still inspect the load to make sure the survey matches the contents of the box, so once again, the customer must be vigilant in ensuring what goes in the box.
- If the report indicates there was asbestos, the customer must provide documentation demonstrating the asbestos was removed and disposed of.



Recommended Process

- If the driver has a load from a **new construction site** and there are no materials from remodeling or demolition, indicate this on the waste acceptance form.
- The load will be accepted unless it includes material that clearly is not new construction (painted sheetrock, old tape, etc.)
- It requires the hauler to communicate to the customer or the jobsite about what can go in the drop box and for the customer to know what is going in the drop box.



Acceptance Form



- Why?
 - Informative on ACM's
 - Increased accountability
 - Tracking to ensure proper surveys are complete and not used more than once.

Construction and Demolition Waste Acceptance RULES:
MUST READ. You may be subject to higher disposal fees.

ALL CONSTRUCTION, DEMOLITION & REMODEL LOADS SUBJECT TO INSPECTION BEFORE AND AFTER DISPOSAL.

ANY LOAD FOUND WITH THE FOLLOWING SUSPECT MATERIAL **WILL BE** CHARGED \$259.04 PER TON PLUS A \$10.00 TRANSACTION FEE AND 3.6% GRT TAX.
(Minimum of \$62.16 applies for loads 380 pounds or less)

Analytical test results are **REQUIRED** for the following products commonly known to contain asbestos (ACM):

- Interior walls and ceilings: acoustical tiles, glue dots, plaster, spray-on, orange peel & "popcorn" textured, textured surfacing material on drywall, such as trowel-applied and skim or brown coats that covers the entire surface, drywall joint compound
- Exterior walls: cement asbestos board siding, stucco and plaster
- Flooring: vinyl tiles, sheet vinyl, mastic
- Insulation/fireproofing: spray-applied, vermiculite, sink undercoating, thermal system insulation, fire/kiln brick and fireproofing (Exempt insulation: fiberglass, cellulose, mineral wool)
- Heating: white paper or seam tape on ducts, air-duct cement, air cell and insulation
- Gaskets: furnace, mechanical, boiler, wood stove
- Roofing materials: silver or white roofing paint/sealer, Nicolite paper.
- Various compounds: window glazing, adhesives, caulks, patching, mastics, vapor barrier products (Exempt: plastic or synthetic materials such as Tyvek)
- Electrical: switch gear, circuit boxes and fuse panels; wiring with cloth insulation (Exempt: Romex wiring)

Any load dropped with suspect Asbestos Containing Material (ACM) will be charged the Friable Asbestos rate for the entire load.

Name (Print): _____

Signature: _____

Date: _____

Your load has been deemed ACM suspect and will be charged as such, you must provide project address:

Street Address: _____ City: _____ State: _____

Facility Use Only

Date: _____ Time: _____ Super: _____

Clerk: _____ Vehicle Make: _____ License Plate: _____



Potential ACM's

- **Interior walls and ceilings:** acoustical tiles, glue dots, plaster, spray-on, orange peel & “popcorn” texture, textured surfacing material, such as trowel-applied and skim or brown coats that covers the entire surface
- **Exterior walls:** cement asbestos board siding, stucco and plaster
- **Flooring:** vinyl tiles, sheet vinyl, mastic
- **Insulation/fireproofing:** spray-applied, vermiculite, sink undercoating, thermal system insulation, fire/kiln brick and fireproofing (Exempt: fiberglass, cellulose, mineral wool)
- **Heating:** white paper/seam tape on ducts, air-duct cement, air-cell, insulation
- **Gaskets:** furnace, mechanical, boiler, wood stove
- **Roofing materials:** tar paper, felt, silver or white roofing paint/sealer, Nicolite paper, built-up roofing. *3-tab asphalt roofing is exempt*
- **Various compounds:** window glazing, adhesives, caulks, patching, mastics, vapor barrier products (*Exempt: plastic/synthetic materials such as Tyvek*)
- **Electrical:** switch gear, circuit boxes and fuse panels; wiring with cloth insulation (*Exempt: Romex wiring*)



February 1st and Beyond

- Rejected 50-60 loads per day during *first week*.
 - Majority of the rejected loads were from Oregon
 - Most Clark County generated C&D loads completed proper process and returned
- Removed 3-tab roofing projects from ACM list after reviewing tests.
- *Now* seeing very few ACM loads that have not followed proper screening processes.



February 1st and Beyond

- If you have a large job that you are self hauling contact CRC so that we can get the proper paperwork on hand before the job starts.
- Waste Connections is committed to continuing to evaluate the process and adjust accordingly as long as we ensure the safety of our employees and the general public.





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