



RDOS Campbell Mountain Landfill and Oliver Landfill Disposal Guide and Acceptance Procedures and Times For Asbestos Containing Materials (ACMs)

PURPOSE

This Guide outlines the Regional District of Okanagan-Similkameen (RDOS) requirements for the acceptance and disposal of Asbestos-Containing Materials at the Campbell Mountain and Oliver Sanitary Landfills. Asbestos-Containing Materials are a Hazardous Waste in British Columbia. Asbestos poses significant health risks when made airborne through demolition, transport, handling or other types of disturbances.

MINISTRY OF ENVIRONMENT – Management of Waste Asbestos Webpage

<http://www2.gov.bc.ca/gov/content/environment/waste-management/hazardous-waste/registration-of-hazardous-waste-generators-and-facilities/management-of-waste-asbestos>

DEFINITIONS

Asbestos-Containing Material (ACM), is defined in the [OCCUPATIONAL HEALTH AND SAFETY REGULATION Part 6](#), of the Workers Compensation Act.

Commercially Hauled ACM means a business or commercial hauling company has been hired to haul/transport the asbestos to the landfill, Commercially hauled ACM must be transported by a Licensed Hauler and accompanied by a Hazardous Waste Transport Document/Manifest, available through the BC Ministry of Environment, unless the ACM is less than 5 kg per load. See below, [REQUIRED CONTAINMENT OF ACM](#), and [LANDFILL ACCEPTANCE PROCEDURE AND TIMES](#).

Residentially Hauled ACM (transported by the homeowner) must meet the following criteria:

1. The ACM was generated from a residence **and** is transported by the homeowner, of that residence directly to a landfill;
2. The ACM is not brought in by a commercially marked vehicle;
3. The ACM is properly double bagged, sealed and labelled per the “Required Containment for receiving ACM” (see below page 2); and
4. The homeowner cannot dispose more than 1,000 kg of Residential ACM within a 31 day period to the RDOS Administered Penticton Campbell Mountain Landfill or the Oliver Landfill.
5. Residential ACM meeting all the above criteria does not require a Hazardous Waste Transport Document/Manifest for disposal.
6. All residentially hauled ACM must first make an appointment before delivery to the landfill (see below Acceptance Procedure and Times page 3).
7. Because of the health risks, RDOS encourages homeowners to hire Abatement Professionals to remove and haul asbestos containing materials.
8. If hiring a contractor for removal, or for hauling; The Contractor must file a **Notice of Project** from WorkSafeBC, and if the ACM is over 5kg per load, the Contractor must obtain a Hazardous Waste Transport Document /Manifest from Ministry of Environment, and the ACM must be transported by a licensed transporter.

Note: It is RDOS’s obligation to contact WorkSafeBC, and BC Ministry of Environment when ACM loads hauled to the landfill are non-compliant.

ASBESTOS TESTING: All structures being commercially demolished or renovated that are built pre-1992 require testing for asbestos. See RDOS Landfill Waste Disposal Application for Demolition & Renovation Waste (Part 2). Proof of age may be required on structures built in 1992 or after.

REQUIRED CONTAINMENT FOR RECEIVING ACM

Bagged ACM Waste (Residential or Commercial): ACM must be double bagged and fully sealed in plastic bags or plastic wrapping that is a minimum of **6 mil** thick for each bag. The bags must be clearly labelled to indicate the presence of asbestos. "Contractor" 6 mil plastic bags provide maximum tear resistance.

NOTE: 6 mil plastic bags are **NOT** available at most building supply stores. They are a **specialized product** not generally sold in retail stores. **The use of two 3 mil bags DOES NOT replace one 6 mil plastic bag in any situation.** Obtaining 6 mil plastic bags before commencing any ACM removal is a critical step. Speaking to local abatement contractors or searching online are two potential methods of finding businesses that sell 6 mil plastic bags. "Contractor" 6 mil plastic bags provide maximum tear resistance.

Specific Requirements for High Risk materials:

- **Asbestos insulation (vermiculite)** - should be wetted prior to being double bagged and fully sealed with 6 mil or thicker plastic. Each plastic bag must be clearly labelled to indicate the presence of ACM. If the insulation is wrapped around a pipe, double wrapping and sealing with 6 mil plastic and disposing of the entire pipe is recommended.
- **Asbestos cement (AC) pipe** –must be double wrapped and fully sealed in 6 mil or thicker plastic. Pipe Lengths must not exceed 2.4 metres. AC pipe must be disposed in the designated asbestos waste disposal area.
- **Hot water tanks lined with asbestos** must be double wrapped and fully sealed in 6 mil or thicker plastic and be clearly labelled as containing asbestos.

Linoleum tiles or sheet flooring, siding, shingles, ceiling or T-Bar tiles (dated pre 1992), cement board, vermiculite insulation, fireproofing, gypsum, plaster and/or joint compound suspect of containing ACM must be double bagged and sealed in 6 mil or thicker plastic. These items must be clearly labelled as asbestos for easy identification.

Bulk ACM Waste (Commercially Hauled Containers) In cases where asbestos waste is transported in bulk, primary and secondary containment is required. The asbestos waste must be contained within an adequate primary container within the refuse bin so that asbestos may not become airborne when the container is dumped. Contained means the waste must be double-bagged (sealed bin liner or bladder) and labelled in order to be disposed of at the Landfill as per 'Bagged ACM Waste' above. The minimum per bag or plastic wrap thickness is 6 mil.

Secondary asbestos containment is defined as the storage or shipping container in which the primary contained asbestos waste is enclosed or transported within. Secondary asbestos containment vessels (such as roll off bins or trailers) must be clearly marked to indicate the presence of asbestos waste. Loads of friable asbestos in excess of 1,000 kg must also have a Consignor Generator Identification Number (obtained from the Ministry of Environment in Penticton 250-490-8200) and are required to display placards.

The **maximum container size** accepted for a single load of commercial asbestos is **30 cubic metres (40 cubic yards)**.

LANDFILL ACCEPTANCE PROCEDURES AND TIMES

Commercially Hauled or Residentially Hauled ACM:

1. Must be properly contained (see above Required Containment for Receiving ACM)
2. ACM can only be accepted at the landfill during set times. Times and contact information below.
3. Provide email notification of delivery at least 24 hours in advance.
4. **A Confirmation E-mail Meeting Request** will be issued by the RDOS confirming and identifying delivery time. **If the delivery time is acceptable**, click Accept. If not acceptable, reply with an alternative time. **Inform the landfill immediately if you are cancelling**

Additional Requirements for Commercially Hauled ACM:

5. **ACM** over 5 kg must be hauled by a Licensed Hauler and accompanied by a **Hazardous Waste Transportation Document/Manifest** which is available through the Ministry of Environment. In Penticton the Ministry of Environment office is located at 102 Industrial Place, Penticton B.C. V2A 7C8, phone number 250-490-8200. Website: www.env.gov.bc.ca/epd/hazwaste/manifests
6. Must complete the RDOS Landfill ACM Disposal Checklist
7. The **maximum container size** accepted for a single load of **Commercially Hauled ACM** is **30 cubic metres (40 cubic yards)**.

RDOS Notification Contact Information

- Don Hamilton dhamilton@rdos.bc.ca and
- Wendy Bennett wbennett@rdos.bc.ca

Include the following in the 24 hour E-mail notice:

1. Hauler's Name, and E-mail
2. If a Commercial hauler, include Corporate Name
3. State location ACM is coming from
4. State the landfill transporting to (Oliver or Campbell Mountain Landfill),
5. State the date and
6. Approximate arrival time (within Landfill Hours of Acceptance)
7. Estimated weight of the load
8. Commercial haulers to complete the RDOS ACM Disposal Check-List and submit to Scale Attendant (download from RDOS website, www.rdos.bc.ca/demo)
9. **Before sending your email notice, set email to request a Read Receipt**
10. Receiving a Read Receipt provides confirmation that the 24 hour notice has been received, **but**
11. **A Confirmation E-mail Meeting Request** will be issued by the RDOS confirming and identifying delivery time. **If the delivery time is acceptable**, click Accept. If not acceptable, reply with an alternative time. **Inform the landfill immediately if you are cancelling.**

Hours of Acceptance of ACM (Limited Hours, Weekdays Only)

Campbell Mountain (Penticton) Landfill

- Asbestos accepted Tues. - Fri. 9:00 a.m. to 3:00 p.m. only
- Not accepted on Stat Holidays, and Boxing Day

Oliver Landfill

- Asbestos accepted Mon. - Fri. 11:00 a.m. to 3:00 p.m. only (March to end of Nov)
- Asbestos accepted Mon. - Fri. 1:00 p.m. to 3:00 p.m. only (December to end of Feb)
- Not accepted on Stat Holidays, and Boxing Day