



REGIONAL DISTRICT
NORTH OKANAGAN

ASBESTOS WASTE DISPOSAL REQUIREMENTS

This document outlines the RDNO's requirements for the disposal of asbestos waste at the Greater Vernon Landfill to protect workers and the public from risks associated with exposure to asbestos. Waste generators have an obligation to be aware of and to disclose the presence of asbestos waste contained in loads upon arrival at the facility.

Additional resources related to the management of asbestos waste are available at the Province of BC website:

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

1. WHAT IS ASBESTOS WASTE?

Asbestos waste is generally defined as any material containing asbestos, in any form, in quantities greater than 0.5% by weight.

According to Work Safe BC: "*Asbestos was widely used in BC as a building material until the early 1990's and it can be present in many areas of older buildings*". For more information see Work Safe BC information resources for *Potential Sources of Asbestos in the Home*.

2. WHY DOES ASBESTOS WASTE REQUIRE SPECIAL HANDLING?

Asbestos waste is classified as Hazardous Waste under the Hazardous Waste Regulation of the BC Environmental Management Act. According to Work Safe BC "*asbestos exposure is the number one killer of workers in BC, with harmful asbestos fibres found in over 3,000 household materials*".

Learn more about asbestos, its health risks and how to reduce your exposure at the Government of Canada website <https://www.canada.ca/en/health-canada/services/air-quality/indoor-air-contaminants/health-risks-asbestos.html>

Asbestos Containing Material is defined in the OCCUPATIONAL HEALTH AND SAFETY REGULATION Part 6, of the Workers Compensation Act.

Demolitions containing materials at risk for asbestos should receive a hazardous materials survey by a qualified person as per Work Safe BC. Materials identified to contain asbestos or that are at risk for containing asbestos are to be disposed in accordance with the requirements in this document.

Gypsum wall board (drywall) from demolitions and/or renovations may require completion of a drywall declaration. If this declaration cannot be completed, the material will be deemed asbestos waste to be disposed with the requirements in this document.

3. WHERE TO DISPOSE OF ASBESTOS WASTE IN THE RDNO

In the Regional District of North Okanagan, asbestos waste is accepted for disposal at the Greater Vernon Landfill only. Asbestos waste must be adequately contained and deposited in the designated asbestos waste disposal area.

4. CATEGORIES AND HANDLING REQUIREMENTS FOR ASBESTOS WASTE

Residential asbestos waste is generated from a residence and transported by the homeowner (self-hauler), not by a commercial vehicle.

Handling Requirements for Residential Asbestos Waste are as follows:

- Containment (see section 5 Containment Requirements), and
- Advance notice with a scheduled time for disposal (see section 6 Notification and Acceptance Requirements)

Commercial asbestos waste is generated from any industrial, commercial or institutional property, or transported by a commercial vehicle.

Handling Requirements for Commercial Asbestos Waste are as follows:

- Containment (see section 5 Containment Requirements), and
- Advance notice with a scheduled time for disposal (see section 6 Notification and Acceptance Requirements), and
- Hauler must be licensed and load accompanied by a Hazardous Waste Transport Document/Manifest, available through the BC Ministry of Environment, unless the quantity of asbestos waste is less than 5 kg per load,
- Maximum quantity of commercial asbestos waste that will be accepted per delivery is 40 cubic yards (30 cubic metres).

5. CONTAINMENT REQUIREMENTS FOR ASBESTOS WASTE

Asbestos waste must be double-bagged and sealed in plastic bags that are a minimum of 0.15mm thick (6mil poly) thick. Bags must be clearly labelled to indicate the presence of asbestos waste.

There are specific requirements for high-risk materials:

- Asbestos insulation (vermiculite) - should be wetted prior to being double bagged. If the insulation is wrapped around a pipe, double wrapping with 6mil or thicker plastic is required.

- Asbestos cement (AC) pipe – broken or cut ends must be double wrapped and sealed in 6mil or thicker plastic and any small pieces or fragments must be double bagged. Intact AC pipe must be disposed in the designated asbestos waste disposal area.
- Hot water tanks lined with asbestos must be double wrapped in 6mil or thicker plastic.

Bulk deliveries of asbestos waste are subject to RDNO manager approval and is accepted only under exceptional circumstances. Rationale for using bin liners for containment must be provided. Bulk loads of asbestos waste requires primary and secondary containment as follows:

- Primary containment: 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 (in a sealed bin liner or bladder) and labeled. The minimum thickness of plastic wrap per bag is 6 mil.
- Secondary containment: Involves 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.

NOTE: Sealed drums are not acceptable containers for asbestos waste.

6. NOTIFICATION AND ACCEPTANCE REQUIREMENTS

Adequately contained asbestos waste is accepted at the Greater Vernon Landfill as follows:

- Monday to Friday 10:00am to 2:00pm. Not accepted on weekends or statutory holidays.
- Advance notice of delivery of at least one (1) business day.
- Written RDNO approval and confirmation of delivery date and time by email. Please note that bulk roll off bin loads and multiple loads to be delivered on the same day may be subject to longer approval times. Please contact RDNO well in advance to ensure timely disposal.

Advance notice of delivery must be provided by email (solidwaste@rdno.ca) or phone (250-550-3785) and must provide the following information:

- Name of the waste generator.
- Address where the asbestos waste is from.
- Name of the hauler (Company name if commercial).
- Requested date of delivery.
- Description of material.
- Estimated quantity of asbestos waste being delivered.

Loads of commercial asbestos waste must be accompanied by a Hazardous Waste Movement Document/Manifest.

The RDNO reserves the right to amend these requirements at any time without notification.