

## WHAT IS ASBESTOS?

- A naturally occurring fibre that is strong and resistant to heat, fire and chemicals.
- Contained in more than 3,000 building materials made before 1990. Materials include insulation against heat and noise, fire-resistant materials, and cements and plasters.
- A known human carcinogen.

In accordance with WorkSafeBC's *Occupational Health and Safety Regulation*, **asbestos-containing material** contains 0.5% or more asbestos by weight at the time of manufacture, or at any time as determined by specialized laboratory analysis (specifically polarized light microscopy, electron microscopy, or gravimetric analysis). Asbestos-containing material is referred to as 'asbestos' and 'asbestos waste' in this policy.

## HOW DO I DISPOSE OF ASBESTOS?

- Asbestos waste is **not accepted** for disposal at the **Vancouver South Transfer Station**.
- Asbestos waste is **accepted** for disposal at the **Vancouver Landfill** in Delta, except for **gypsum drywall containing asbestos**. See 'HOW CAN I DISPOSE OF GYPSUM DRYWALL CONTAINING ASBESTOS?' below.
- **Vermiculite insulation** is considered asbestos waste and must be brought to the Vancouver Landfill for disposal.
- **Blown-in insulation and acoustic ceiling tiles** are suspect asbestos containing materials. These materials are only accepted at the Landfill, where they are managed as asbestos waste. The only exception is if the material is accompanied by a certificate of analysis or original packaging that confirms no asbestos. See 'WHEN SHOULD I ARRANGE FOR ASBESTOS TESTING?' on page 2.
- **Residential Asbestos Waste** is removed & transported by a homeowner/farmer from their home to the Landfill.
  - Asbestos waste must be **double bagged & labelled** for disposal at the Landfill. Minimum bag thickness is 0.15mm or 6mil.
  - **Loads of 10 bags or fewer** are accepted 7 days per week at the garbage disposal rate.
  - **Loads of 11 bags or more** are **ONLY** accepted Monday to Friday, 8am - 2pm, excluding holidays. Notification at least one day in advance of delivery is required by fax (604.946.2873) or phone 3-1-1 (or 604.873.7000 from outside Vancouver city limits). The garbage disposal rate and burial charge apply.
  - Hazardous Waste Movement Documents/Manifests are not required for residential asbestos waste.
- **Commercial Asbestos Waste** is all asbestos waste that is not residential. It is delivered to the Landfill by someone other than the homeowner; typically an individual or company that receives compensation.
  - Asbestos waste must be **double bagged & labelled** for disposal at the Landfill. Minimum bag thickness is 0.15mm or 6mil. The asbestos disposal rate and burial charge apply.
  - Loads containing friable asbestos require a **Hazardous Waste Movement Document/Manifest**, which can be purchased from FrontCounter BC Surrey (604.586.4400). See <http://www.env.gov.bc.ca/epd/hazwaste/manifests/>
  - Loads are **ONLY** accepted Monday to Friday, 8am - 2pm, excluding holidays. Max. container size is 40 yards.
  - Notification at least one day in advance of delivery is required by fax (604.946.2873). The fax must include approximate waste volume, and if a manifest will not accompany the load and why.
  - Loads of friable asbestos in excess of 1000 kg must also have a Consignor Generator Identification number (CGI) obtainable from the Ministry of Environment (Surrey Office, 604.582.5200), and a placard indicating the vehicle is carrying hazardous waste.

## HOW CAN I DISPOSE OF GYPSUM DRYWALL CONTAINING ASBESTOS?

- Call 604-RECYCLE (732.9253) for disposal options, or contact a company that can provide asbestos abatement/disposal services.
- For more information, Google 'What residents need to know about Gypsum Drywall disposal' or visit: <http://www.metrovancouver.org/services/solidwaste/disposal/Documents/GypsumDrywallDisposal.pdf>

## WHERE IS ASBESTOS ACCEPTED FROM?

The Vancouver Landfill only accepts asbestos waste from within Metro Vancouver, which includes:

Village of Anmore	Village of Belcarra	Bowen Island Municipality	City of Burnaby
City of Coquitlam	Corporation of Delta	City of Langley	Township of Langley
Village of Lions Bay	District of Maple Ridge	City of New Westminister	City of North Vancouver
City of Port Coquitlam	City of Surrey	District of Pitt Meadows	City of Vancouver
City of Port Moody	City of Richmond	District of West Vancouver	City of White Rock
District of North Vancouver			

## HOW DO I BAG OR CONTAIN ASBESTOS FOR DISPOSAL?

### Primary Containment Requirements

- Apply to the immediate container holding the asbestos waste so that fibres do not become airborne.
- Asbestos waste must be **double-bagged** in garbage bags that are a minimum of 0.15mm or 6mil thick, and the bags **clearly labelled** to indicate the presence of asbestos. A sufficient number of bags (or pipes) must be labelled 'asbestos', so that a visual inspection will easily identify the material.
- Instructions for specific materials:
  - Vermiculite and other asbestos insulation** should be wetted and double-bagged in sealed plastic that is 6 mil or thicker. If insulation is wrapped around a pipe, disposal of the entire pipe is often safest.
  - Asbestos pipe** - Broken ends must be sealed in plastic and small pieces (fragments) must be double bagged. The Landfill's regular length restrictions are waived to eliminate cutting or breaking pipes.
  - Hot water tanks** lined with asbestos must be double wrapped (sealed) in plastic.
- Sealed drums are not acceptable asbestos waste containers.

### Secondary Containment Requirements

- Apply to the storage bin or shipping container for asbestos that meets the primary containment requirements.
- Bin/container must be clearly marked to indicate the presence of asbestos.

## WHEN SHOULD I ARRANGE FOR ASBESTOS TESTING?

- If you have **blown-in insulation** or **acoustic ceiling tiles** for disposal. Blown-in insulation and ceiling tiles are potential sources of friable asbestos, which means fibres can be released if the material is crumbled by hand. These materials are **prohibited from disposal as garbage** at the Vancouver Landfill and Vancouver South Transfer Station unless accompanied by a **certificate of analysis** or **original packaging** that confirms no asbestos. Otherwise, these materials must be taken to the Landfill for disposal as asbestos waste. Containment requirements and burial charges apply, however a manifest is not required unless the material has been tested and confirmed to contain asbestos.
- The **certificate of analysis** must be from an accredited laboratory, be from within the past 30 days, and include a minimum of the following information:
  - Contact information, analyst name, client name, sample ID, asbestos type, asbestos amount, and analytical method.
- For information on other materials that may contain asbestos, google 'Asbestos Hazards in Renovation, Demolition and Salvage' or visit [http://www2.worksafefbc.com/i/posters/2003/WS%2003\\_03.htm](http://www2.worksafefbc.com/i/posters/2003/WS%2003_03.htm)

### Analytical Laboratories

- For the most up-to-date information on service providers, contact WorkSafeBC at 604.276.3100 or visit [www.metrovancouverrecycles.org](http://www.metrovancouverrecycles.org) and enter material 'Asbestos Testing'.

## HOW CAN I LEARN MORE ABOUT THIS POLICY IN MY OWN LANGUAGE?

- Call 3-1-1 or 604.873.7000 from outside Vancouver and ask the Agent for an interpreter.

*Note: The City of Vancouver reserves the right to change this policy at any time without notification.*