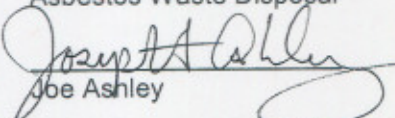





**GOVERNMENT OF
NEWFOUNDLAND AND LABRADOR**

Department of Environment & Conservation
Pollution Prevention Division

Guidance Document

Title: Asbestos Waste Disposal
Prepared By: 
Joe Ashley
Issued Date: October 06, 2004
Approved By: 
Derrick K. Maddocks, Director

Asbestos Waste Disposal
GD-PPD-033

1.0 **Subject:**

Asbestos Waste Disposal

2.0 **Objective:**

To prevent exposure to asbestos waste and to ensure that the storage, collection, transport and disposal of these wastes do not represent a health hazard to humans or a threat to the environment.

3.0 **Background:**

Asbestosis of the lung, lung cancer and mesothelioma, a rare cancer of the pleural lining, have been associated with exposures to airborne asbestos fibres. As a result, the use of asbestos has been restricted in many jurisdictions. Where asbestos products are installed or in use, and where decommissioning/refit activities are planned or in progress, a concerted effort has been made to minimize exposures for those individuals involved in handling, transporting and disposing the products. Provisions made are to minimize or eliminate exposure risk to both human health as well as potential environmental receptors.

The Department of Environment & Conservation is responsible for the provisions of the *Environmental Protection Act, 2002* within the Province. The Government Service Centre of the Department of Government Services is empowered to provide specific licencing, inspection and enforcement services of this Act on behalf of the Department.

4.0 **Legislative Authority:**

Environment Protection Act, 2002 and associated Regulations

4.1 **Related Legislation:**

The Occupational Health and Safety Act

Asbestos Abatement Regulations, 1998

Highway Traffic Act

5.0 **Definitions:**

Approved Waste Disposal Site: A site designated for disposal of waste and for which a certificate of approval had been issued under the *Environmental Protection Act, 2002*.

Asbestos : Is a generic term referring to any of the following fibrous silicates: actinolite, amosite, anthophyllite, tremolite, crocidolite or chrysotile.

Asbestos Waste: Waste goods containing "non friable" and/or "friable" asbestos material in a concentration greater than 1% asbestos by volume. Friable asbestos is asbestos in a form that can be, when dry, crumbled or reduced to powder by hand pressure.

Department: Means the Pollution Prevention Division of the Department of Environment and Conservation.

Exposure: Exposure to airborne respirable asbestos fibres or asbestos dust, whether originating from asbestos minerals, materials or products.

Generator: The owner of the land, facilities, equipment and/or buildings from which asbestos waste is generated.

GSC : Government Services Centre, agents for the Minister of Environment and Conservation under the provisions of the *Environmental Protection Act, 2002*.

6.0 General Considerations:

- 6.1 ~~It is illegal to dump/discard or otherwise dispose of asbestos waste in any area which is not an approved waste disposal site as described under provisions of the *Environmental Protection Act, 2002* and in accordance with provisions of this policy. Failure to comply with the provisions of this policy will place the person (s) responsible in violation of the *Environmental Protection Act, 2002* and make the person (s) responsible for taking any remedial measures as may be prescribed by the Department.~~
- 6.2 Any person(s) engaged in the removal and/or disposal of asbestos waste is required to operate under the provisions of the *Asbestos Abatement Regulations, 1998* or as amended. A valid asbestos abatement contractor's certificate is required to engage in asbestos removal activity in accordance with section 6 of the *Asbestos Abatement Regulations, 1998*.
- 6.3 *The Asbestos Abatement Regulation, 1998* is under the authority of the Occupational Health and Safety Act (O-3 RSN 1990) and is administered by the Occupational Health and Safety Branch of the Department of Government Services.
- 6.4 Administration of this policy shall be maintained by the GSC on behalf of the Department
- 6.5 Analysis for asbestos content must be conducted by accredited laboratories.

7.0 Handling and Transport:

- 7.1 The Generator shall ensure that all agents or contractors have received the necessary training as per Section 7 of the *Asbestos Abatement Regulations, 1998* and are informed, in writing, of the risks associated with handling such wastes. Also, the Generator will apply personal health and safety protocols in handling, transporting and disposal.
- 7.2 Asbestos waste shall be wetted, with water, and packaged in a plastic bag having a thickness of not less than 6 mil and placed within a second plastic bag having a thickness of not less than 6 mil prior to transport (double bagged). The outside surface of all bags containing asbestos waste shall be free of asbestos before transport, (to an approved waste disposal site). In cases where double bagging is not practical or may result in increased worker exposure, eg. - removal of large objects and/or sheets of waste containing friable and non friable asbestos, waste must be wetted to suppress dust and placed in a transport vehicle which is lined with puncture proof polyethylene sheeting. The asbestos waste must be completely covered and secured during transport.
- 7.3 All asbestos waste, in bags or bulk, shall prominently display a tag or label indicating "**Asbestos Waste**" or "**Asbestos Contaminated Material**".

- 7.4 In addition to bagging or polyethylene sheeting, asbestos waste shall be transported in an enclosed vehicle or a vehicle equipped with a tarpaulin or netting to prevent loss of waste during transport.
- 7.5 All asbestos waste must be transported to an approved waste disposal site.
- 7.6 Transporters of asbestos waste must hold a valid Certificate of Approval, to operate a waste management system, under provisions of the *Environmental Protection Act, 2002*.

~~8.0~~ **Procedure:** (Applications/Disposal Requests)

- 8.1 Requests for and prior approval for the disposal of asbestos waste at an approved waste disposal site shall be obtained from the owner/operator in writing.
- 8.2 All requests for asbestos waste shall be recorded on the prescribed form entitled, **Asbestos Waste Disposal Request Form** (attached) and submitted to the GSC.
- 8.3 The GSC shall maintain a record of all asbestos waste disposal requests on behalf of the Pollution Prevention Division, Department of Environment and Conservation.
- 8.4 Records and statistics shall be provided by the GSC to the Department upon written request.

9.0 Disposal:

- 9.1 Asbestos waste shall be considered **Hazardous Waste** and may be land filled, in a designated hazardous waste area, in an approved waste disposal site, with the written permission of the owner/operator.
- 9.2 Asbestos waste shall be backfilled with a minimum 0.6 metres of compacted fill material on the day of disposal.
- 9.3 The owner/operator of the waste disposal site shall ensure the boundaries of the asbestos waste disposal area are clearly defined and that an all weather sign is posted. The disposal location shall be plotted on a scale drawing or plan. The plot plan must be filed with the regional office of the GSC and the site owner/operator.
- 9.4 The waste disposal site, owner/operator, shall ensure that backfilled asbestos waste is not disturbed in the future.

Plot Plan: (to scale)

ASBESTOS WASTE DISPOSAL REQUEST FORM

To the applicant: All three sections of this request form must be completed.

PART A (To be completed by the applicant and GSC Staff prior to disposal.)

Date: _____

Name/Company: _____

Licence Operator Number: _____

Address: _____

Waste Disposal Site: _____

Waste Type and Source: _____

Waste Volume: _____

Mode of Transport: _____

Anticipated time and date of disposal: _____

GSC Approval Granted: Yes No

GSC Staff: _____

File Number: _____

PART B (To be completed by waste disposal site owner/operator upon completion of the disposal.)

Date: _____

Site Inspection Conducted: Yes No

Sign Posted: Yes No

Backfill Material Available: Yes No

Site Plan: Yes No

Volume of waste to be landfilled: _____

Owner/Operator Signature: _____

PART C (To be completed by GSC Staff upon completion of disposal.)

Date: _____

Confirm Site plan attached: Yes _____ No _____

Confirm owner/operator approval: Yes _____ No _____

GSC Staff: _____