

Marine Industry Fact Sheet Hazardous Waste Management in BC

Boat repair and maintenance activities create wastes that are considered hazardous and require proper handling. Managers of boat yards and marinas are liable for all hazardous waste on their premises. Typical wastes which are classified as “hazardous” include oil, grease, diesel fuel (waste oil), oily bilge water; contaminated soil; gasoline and water; solvents, such as acetone, kerosene, mineral spirits; strong acids and alkalis (corrosive if below 2 or above 12.5 pH); and paint chips or leftover paint (often toxic, if marine paint).

As wastes generated from the marine sector are usually generated on or near water bodies, it is very important while off-loading or storing these wastes, to ensure these wastes do not enter water bodies or to leak onto soil that will be subject to rainfall or tidal action thus entering a water body.

Managing Marine Hazardous Waste

Conventional marine paints and coatings contain solvents and pigments with heavy metals, such as nickel, zinc, copper arsenic/tin and lead. When these coatings are sanded or blasted off, the resulting waste products are contaminated with these metals and may be hazardous wastes.



When cruise ships dock at BC ports, they often off-load many substances that qualify as hazardous wastes.

Companies that generate hazardous wastes have a responsibility to classify and manage the wastes in compliance with the **Hazardous Waste Regulation** and the **BC Environmental Management Act**. The wastes must be properly characterized, stored, labeled, transported and disposed.

The generator of hazardous wastes also has the responsibility to prepare appropriate shipping documentation (the “Manifest”) before tendering it to a licensed waste transporter and an authorized waste receiver/processor. Generators must also obtain a BC Generator Registration Number, depending on the quantity of waste produced or stored. Please refer to the fact sheet: **Generators of Hazardous Waste** for a more comprehensive explanation of a generator’s responsibilities.

There are penalties for non-compliance in the forms of fines and possible imprisonment. Please refer to **Section 10, Division 1 of the Environmental Management Act** for further details.

This information sheet is presented by the BC Environment Industry Association (BCEIA) and is intended as information only and not to be the definitive interpretation of any act or regulations regarding Hazardous Waste. (January 2008)

BCEIA

British Columbia
Environment Industry
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Reduce Your Risk Through Proper Waste Management

While each waste generator should seek specific advice, the following general principles for waste management are required:

- Identify whether or not the wastes are hazardous.
- If the waste is hazardous and is produced or stored in sufficient quantity to require registration, obtain a BC Waste Generation Registration Number.
- Store the wastes in approved and properly labeled containers in a safe and secure location.
- Properly label and mark storage containers, according to all relevant requirements of the **Hazardous Waste Regulations** and the **Transportation of Dangerous Goods Regulations**.
- Choose a reputable, authorized waste disposal facility that is approved to receive and deal with the type of waste you generate.
- Obtain the services of a reputable, licensed hazardous waste transport company authorized for your type(s) of waste to move the waste to the waste disposal facility.
- Track the movement of the waste through proper use of the Hazardous Waste Manifest.

If you are unsure if a particular waste is hazardous, you should retain the services of a qualified hazardous waste consultant, or contact a reputable hazardous waste management company for advice.

Hazardous Waste Manifest

The Hazardous Waste Manifest System keeps track of:

- The date, type, characteristics, quantity and origin of hazardous wastes
- Identity of the transporter of the wastes
- Proof of delivery of waste to the designated waste management site

It also provides a signed record (Manifest copy) for all parties, confirming that the wastes have been received and how they are intended to be managed.

For Further Information:

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Need More Information?

Contact the nearest regional office of the BC Ministry of Environment. A list of regional offices can be found at <http://wlapwww.gov.bc.ca/regops/contacts.html>

Or you can find your nearest Ministry of the Environment office by phone.

Victoria: (250) 387-6121

Vancouver: (604) 660-2421

Elsewhere in BC: 1-800-663-7867

Outside BC: (604) 660-2421

There are links to the relevant legislation, as well as other helpful information on the BC Ministry of Environment's Hazardous Wastes Homepage, <http://www.env.gov.bc.ca/epd/hazwaste/index.htm>

For more specific information please see the other fact sheets in this series

- 001 General Information
- 002 Generators of Hazardous Waste
- 003 Selecting a Hazardous Waste Transporter
- 004 Selecting a Hazardous Waste Receiver/Processor
- 005 Transporters of Hazardous Waste
- 006 Construction Industry
- 007 Mechanical & Automotive Industries
- 008 Marine Industry
- 009 Forestry & Forest-Based Product Manufacturers
- 010 Mining, Metals & Metal Finishing
- 011 Oil, Gas & Chemical Manufacturing
- 012 Government & Institutional Generators

or visit Hazardous Waste BC at
<http://www.hazwastebc.com>