

Learning Objectives

When you have completed this section, you should be able to:

- Identify and interpret the legislation of primary importance for the control of mosquitoes and black flies

Legal Requirements

Provincial Environment Act And Pesticide Regulations

Provincially, pesticides are regulated by the Nova Scotia Environment Act, the Pesticide Regulations and the Activities Designation Regulations. The Act and Regulations are administered by the Nova Scotia Department of Environment and Labour (NSDEL). Under the Environment Act anyone who sells, distributes, uses, applies, stores or transports any pesticide must do so in accordance with the Pesticide Regulations and the requirements listed on the product label.

Environment Act and Pesticide Regulations

The Pesticide Regulations regulate the sale, transportation, storage, and disposal of commercial and restricted class pesticides. Anyone who applies or sells a commercial or restricted class pesticide in Nova Scotia must pass a certification exam and obtain a certificate of qualification from the NSDEL. The Activities Designation Regulations further regulates specific uses of domestic, commercial and restricted class pesticides. The sale of domestic class pesticides and the use of **most** domestic class products by homeowners is not regulated under the Pesticide Regulations or the Activities Designation Regulations.

The exception is that any domestic, commercial or restricted class pesticide applied to a watercourse requires an Approval from the NSDEL.

In Nova Scotia, pesticides are regulated under the *Environment Act* and the Pesticide Regulations. Copies of the Act and regulations can be obtained by calling 1-800-670-4357. The Environment Act is available for download at:

<http://www.gov.ns.ca/legi/legc/statutes/environ1.htm>

The Pesticide Regulations can be accessed at:

<http://www.gov.ns.ca/just/regulations/regs/env6195.htm>

Regulatory Requirements for Mosquito & Biting Fly Control

Approvals

Any Domestic/Commercial/Restricted class pest control product that is registered as a mosquito or biting fly larvicide and is applied in, on, over or by air to a watercourse requires an Approval. (larvicides are applied to water bodies as the mosquito larvae and black fly larvae live in water).

Approval Requirements

- completion of a NSDEL Approval application form along with the following attachments:
 - 1:50,000 topo grid references or property PID #
 - a map or suitable drawing showing the location of all the water bodies to be treated
 - letters of permission from private property owners authorizing the use of a larvicide on their property (if applicable).
 - the location of all sensitive areas such as:
 - wells, dwellings, businesses, schools, agricultural fields, parks, campgrounds
 - fish bearing waters, including hatchery areas, sanctuaries and critical fish habitat and fish farms
 - marshes, bogs, swamps, or other wetlands
 - susceptible crops/organic farms or crops grown in marsh areas (e.g., cranberries, wild rice etc.)
 - endangered species habitat
 - irrigation water sources
 - potable and livestock water supplies
 - areas of human habitation/ activities (homes, recreational areas)
- application fee \$50.00 up to 6 hectares and \$4.00 per additional hectare.

Certification Requirements

Applicators of a Commercial/Restricted class pest control product that is registered as a larvicide and is applied in, on, over or by air to a watercourse are required to have a Class IV Mosquito & Biting Fly Certificate. Applicators of a Commercial/Restricted class pest control product that is registered as an adulticide are also required to have a Class IV Mosquito & Biting Fly Certificate. A Class VII Aerial Certificate is required to apply any Commercial/Restricted class pest control product by air.

All applicators who require certification must pass the appropriate NSDEL exam. Applicators interested in obtaining a Class IV Mosquito & Biting Fly Certificate should be aware that the following resources are available: the General Pesticide Safety Manual and the Mosquito and Biting Fly Manual.

