

Applications of Pesticides to Surface Waters of the State

Regulatory Authority and Process for Authorization

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MDEQ Regulatory Jurisdiction Regarding Mosquito Control

R 323.1097

Jurisdiction over application of pesticides to surface waters of the state (Rule 97 – Michigan Water Quality Standards)



Draining and filling of floodplains and waters of the state, including wetlands

Enforcing the requirements that limit mosquito breeding habitat in scrap tires (Part 169, Scrap Tires)



Facilities covered by National Pollutant Discharge Elimination System (NPDES) permits

Application of Pesticides to Surface Waters of the State



Great Lakes

Inland Lakes and Impoundments



Drains



Rivers and Streams



Wetlands





Vernal Pools

Catch Basins



Lagoons and Retention Basins

Rule 97 of the Michigan Water Quality Standards

“The application of materials for water resource management projects pursuant to state statutory provisions is not subject to the standards prescribed by these rules, but all projects shall be reviewed and approved by the commission (*department*) before application”



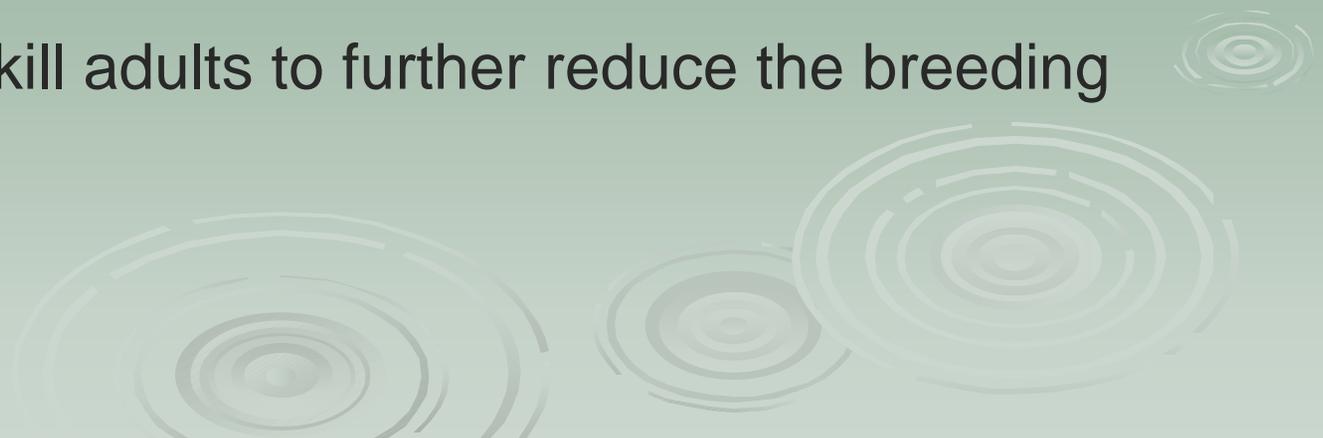
General Rule 97 Certification of Approval Authorizing Mosquito Control in Surface Waters

- 1. Authorization to apply certain pesticides under a general certification**
- 2. Applicants must comply with the provisions of the general certification**
- 3. Applicants must submit a signed and complete application**

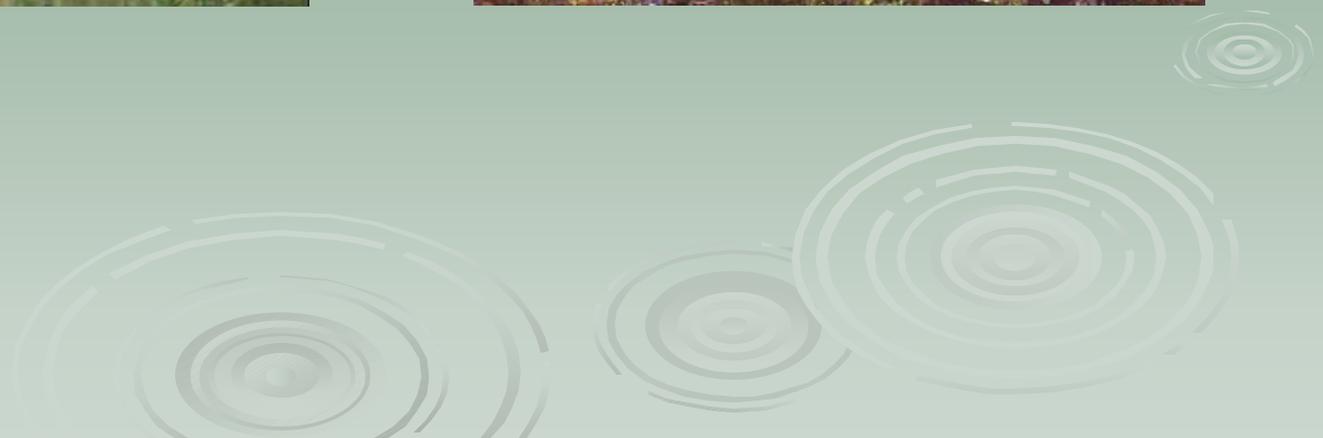


Integrated Pest Management Approach to Mosquito Control

- * Education and outreach
- * Surveillance of mosquito species
- * Source reduction to reduce the opportunity for breeding in urban areas
- * Pesticide application to kill preadult stages
- * Adulticiding to kill adults to further reduce the breeding population



Draining and filling of floodplains and waters of the state, including wetlands is not an acceptable approach for controlling mosquitoes



Scrap Tires

- * Part 169 of Act 451, NREPA
- * Limit potential for breeding habitat



NPDES permitted facilities

- * Must apply for a Water Treatment Additive Approval under NPDES permit



Who should apply?

Any entity that will apply pesticides to surface waters for the control of mosquito larvae and pupae

Entity is defined as one of the following:

- * Owner of property or bottomland owner
 - * Lake board established under Part 309, (Inland Lakes Improvement Act 451)
 - * State or local government or representative acting under authority of state law
 - * Person with written authorization to act on behalf of one of the above
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How should one apply?

- * Contact Water Division, MDEQ and request an application

A link is provided on the state West Nile Virus website

www.michigan.gov/westnilevirus to access the application online.

The applications can also be accessed from the MDEQ website

www.michigan.gov/deq on the WATER/Mosquito Control Projects web page

- * Submit a signed and complete application to MDEQ
- * General Rule 97 Certification authorization can be verified online at www.michigan.gov/deq
- * Individual Rule 97 Certifications will receive notification via a letter from the MDEQ