

CERTIFICATION R97-16/001

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERAL RULE 97 CERTIFICATION OF APPROVAL
AUTHORIZING TRACER DYE APPLICATION
TO SURFACE WATERS

In compliance with the provisions of Part 31, Water Resources Protection, of the Michigan Natural Resources and Environmental Protection Act, 1994 PA451, as amended (NREPA) and Rule R323.1097 of the Part 4, Water Quality Standards, promulgated thereunder, tracer dyes containing certain active ingredients are authorized to be applied to surface waters of the state directly or indirectly for the purpose of identification and elimination of illicit discharges and cross connections, identification of pipeline and tank failures during hydrostatic pressure testing, discharge point location studies, mixing zone mapping, or time of passage studies by an entity submitting a complete Notification of Intent under this certification. This certification does not authorize the discharge of tracer dyes for any purposes other than those noted above.

The Notice of Intent and instructions for its submittal are available from the Michigan Department of Environmental Quality (DEQ) web site at http://www.michigan.gov/deq/0,4561,7-135-3313_46123_54919---,00.html or by contacting 517-284-6660 or by e-mail at Bishops@michigan.gov.

The application or discharge of tracer dye(s) to surface waters of the state is authorized by this certification only under, and contingent upon, full compliance with the following conditions:

1. A complete Notice of Intent is submitted.
2. The extent of the dye plume(s) in waters of the state shall be minimized to the maximum extent practicable.
3. The application of tracer dye(s) shall be conducted in accordance with all pertinent label instructions and additional restrictions identified in this certification.
4. Only the tracer dye(s) containing the active ingredients identified in the Acceptable Michigan Tracer Dye List are authorized under this certification. Upon authorization, the dyes shall only be applied at concentrations resulting in active ingredient concentrations at or below the concentration limit. The active ingredient Chemical Abstract Service (CAS) number and concentration to be used shall also be identified in the applicants Notification of Intent in order to be authorized.
5. The following agencies shall be notified 48 hours prior to application:
 - Local Municipality (city, township, village, etc.)
 - Local County Health Department
 - Downstream Health Departments if they could be potentially affected
 - Local Area Emergency Coordinator

6. In addition, Water Resources Division (WRD) staff shall also be notified 48 hours prior to applications of tracer dye(s) directly to surface waters of the state. Also, WRD staff must be notified if visible discharges of tracer dyes are observed in the surface waters of the state as a result of indirect application (illicit discharge and connections studies or discharge point location). Notification to WRD staff shall be as follows:
 - During normal working hours, please contact the appropriate district office (http://www.michigan.gov/deq/0,4561,7-135-3306_3329-12306--,00.html)
 - After hours, weekends, or holidays, please contact the Pollution Emergency Alert System (PEAS) at 800-292-4706.
7. The entity applying the tracer dye(s) to the surface waters of the state, or to another area which has the potential to enter waters of the state, shall retain records identifying treatment locations, dates of treatment, name of applicator(s) the name, CAS number and concentration of the active ingredient applied at each location, for a minimum of three years from the date of dye application.
8. In the event that any of the conditions of this certification are not, or may not be met, the entity applying the tracer dye(s) shall immediately notify the appropriate district office staff (http://www.michigan.gov/deq/0,4561,7-135-3306_3329-12306--,00.html), of the area in which application occurred.
9. The issuance of this certification does not authorize violation of any federal, state or local laws or regulations, nor does it obviate the necessity of obtaining such permits, including any other DEQ permits, or approvals from other units of government as may be required by law.

Issued this 21st date of December 2015 by the DEQ, this Certificate of Approval shall become effective on January 1, 2016 and shall expire on midnight on December 31, 2017.



Jon Russell, Chief
Field Operations Section
Water Resources Division