

3745-90-04

Harmful algal blooms - analytical methods and reporting.

(A) Analyses required by this chapter shall be performed by a laboratory certified by the director pursuant to Chapter 3745-89 of the Administrative Code, except during those times when the director determines there is insufficient certified laboratory capacity, the Ohio environmental protection agency division of environmental services may perform cyanobacteria screening. In addition, analysis required by this chapter shall be conducted in accordance with the following analytical methods and time frames:

(1) Cyanobacteria screening: qPCR method accepted by the director or another method accepted by the director in writing. Samples must be analyzed within seven days of collection.

(2) Microcystins: "Ohio EPA Total (Extracellular and Intracellular) Microcystins - ADDA by ELISA Analytical Methodology" version 2.1 (August 2015) or another method accepted by the director in writing. Except where otherwise noted, samples must be analyzed within five days of collection.

(B) Reporting of analytical data for determining compliance with this chapter shall be completed in accordance with rule 3745-89-08 of the Administrative Code.

(C) Failure to meet paragraph (B) of this rule is a reporting violation and requires the public water system to provide Tier 3 public notification in accordance with rule 3745-81-32 of the Administrative Code.

[Comment: This rule incorporates the "Ohio EPA Total (Extracellular and Intracellular) Microcystins - ADDA by ELISA Analytical Methodology" version 2.1 (August 2015) by reference. Copies are available at www.epa.ohio.gov/ddagw/HAB.aspx and from the "Ohio EPA Lazarus Government Center, 50 West Town Street, Suite 700, Columbus, OH 43215." Copies can also be obtained by contacting the laboratory certification office at (614) 644-4245.]