

3745-90-06

**Harmful algal blooms - Tier 1 public notification and consumer confidence reports.**

This rule applies to all public water systems, including consecutive water systems.

(A) Tier 1 public notification.

(1) A public water system shall issue Tier 1 public notification in accordance with rule 3745-81-32 of the Administrative Code when any of the following occur:

(a) A microcystins action level established in rule 3745-90-02 of the Administrative Code is exceeded in a repeat sample collected at the finished water sampling point in accordance with rule 3745-90-03 of the Administrative Code, unless a written extension or waiver to the requirement for public notification is granted by the director, based on extenuating circumstances, until additional repeat results are received.

(b) If required by the director based on the results of resamples or distribution system samples.

(c) Repeat samples were not collected and analyzed within twenty-four hours of receiving the reanalysis and resample results in accordance with rule 3745-90-03 of the Administrative Code.

(2) The public notification shall include the action level exceeded and the standard health effects language in paragraph (C) of this rule.

(3) The director may allow the system to limit distribution of the public notice in accordance with paragraph (A)(2) of rule 3745-81-32 of the Administrative Code.

(4) Unless otherwise specified by the director based on public health and safety considerations, Tier 1 public notification shall remain in effect until the following occur:

(a) Microcystins concentrations are below the action level in two consecutive samples collected a minimum of twenty-four hours apart at the finished water sampling point.

(b) Microcystins concentrations are below the action level in one set of samples collected at the distribution sampling points.

(B) Consumer confidence report.

Each community public water system which exceeds a microcystins action level in a sample collected at a finished water sampling point or a distribution sampling point collected in accordance with rule 3745-90-03 of the Administrative Code shall include the following in the consumer confidence report required by Chapter

3745-96 of the Administrative Code:

(1) The microcystins action level.

(2) The range of levels detected and highest single measurement of microcystins concentration in samples collected at finished water sampling points and distribution sampling points.

(3) Information regarding the major source of the contaminant: "Produced by some naturally occurring cyanobacteria, also known as blue-green algae, which under certain conditions (i.e., high nutrient concentration and high light intensity) form harmful algal blooms."

(4) Standard health effects language in paragraph (C) of this rule.

(C) Standard health effects language.

The following standard health effects language shall be used in public notification and consumer confidence reports: "Consuming water containing concentrations of microcystins at the detected level may result in abnormal liver function, diarrhea, vomiting, nausea, numbness or dizziness in this population. Children younger than school age, pregnant women, nursing mothers, the elderly, immune-compromised individuals, those with pre-existing liver conditions and those receiving dialysis treatment may be more susceptible than the general population to the health effects of detected levels of microcystins."