

TRANSMITTAL SHEET FOR  
NOTICE OF INTENDED ACTION

Control 335 Department or Agency Environmental Management

Rule No. 335-7-6-.04

Rule Title: Treatment Requirements

         New        X   Amend               Repeal               Adopt by Reference

Would the absence of the proposed rule significantly harm or endanger the public health, welfare, or safety?          YES

Is there a reasonable relationship between the state's police power and the protection of the public health, safety, or welfare?          YES

Is there another, less restrictive method of regulation available that could adequately protect the public?          NO

Does the proposed rule have the effect of directly or indirectly increasing the costs of any goods or services involved and, if so, to what degree?          NO

Is the increase in cost, if any, more harmful to the public than the harm that might result from the absence of the proposed rule?          NO

Are all facets of the rulemaking process designed solely for the purpose of, and so they have, as their primary effect, the protection of the public?          YES

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Does the proposed rule have an economic impact?          NO

If the proposed rule has an economic impact, the proposed rule is required to be accompanied by a fiscal note prepared in accordance with subsection (f) of section 41-22-23, Code of Alabama 1975.

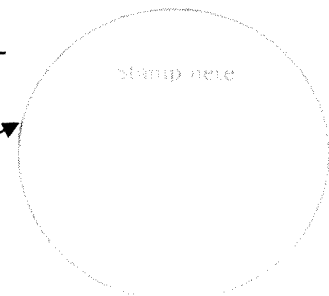
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Certification of Authorized Official

I certify that the attached proposed rule has been proposed in full compliance with the requirements of Chapter 22, Title 41, Code of Alabama 1975, and that it conforms to all applicable filing requirements of the Administrative Procedure Division of the Legislative Reference Service.

Signature of certifying officer         Mary Elliott        

Date   March 20, 2012  

Date Filed



APA-2  
11/96

**DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
WATER DIVISION**

**NOTICE OF INTENDED ACTION**

**AGENCY NAME:** DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**RULE NO. & TITLE:** 335-7-6-.03 Source Selection Report (Amend)  
335-7-6-.04 Treatment Requirements (Amend)  
335-7-6-.05 Surface Water Intake Structures (Amend)  
335-7-6-.15 Lighting and Power Requirements (Amend)

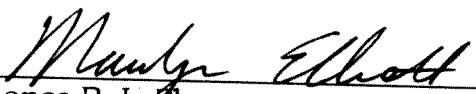
**INTENDED ACTION:** The Alabama Department of Environmental Management proposes to revise division 335-7, Public Water Supply.

**SUBSTANCE OR PROPOSED ACTION:** Revisions to rules 335-7-6-.03, 335-7-6-.04(b), 335-7-6-.05, and 335-7-6-.15 are being proposed to require electronic submittal of reports and to make technical changes.

**TIME, PLACE, MANNER OF PRESENTING VIEWS:** Comments may be submitted in writing or orally at a public hearing to be held May 2, 2012, at 10:00 a.m. in the Main Hearing Room at the ADEM Central Office located at 1400 Coliseum Blvd., Montgomery, AL 36110.

**FINAL DATE FOR COMMENT AND COMPLETION OF NOTICE:** May 4, 2012 at 5:00 p.m.

**CONTACT PERSON AT AGENCY:** George M. Cox, Section Chief  
Groundwater Section [334/271-7778]

  
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Lance R. Lefleur  
Director

**335-7-6-.04 Treatment Requirements.** The treatment provided for all surface water and ground water under the influence of surface water must meet the following requirements:

(a) Conventional surface water treatment shall be required at all surface water or ground water under the influence of surface water treatment facilities, unless otherwise approved by the Department.

(b) Provisions to bypass various processes in the treatment are prohibited, unless approved by the Department.

(c) Treatment provided shall produce water meeting both primary and secondary standards with a goal for particulate removal to result in a clarified water turbidity less than 2.0 NTU when the raw water turbidity level is greater than 10.0 NTU, a clarified water turbidity level less than 1.0 NTU when the raw water turbidity level is less than or equal to 10.0 NTU and a filtered water turbidity level less than 0.10 NTU, and be free of *Giardia lamblia*, *Cryptosporidium* oocysts, viruses, heterotrophic plate count bacteria, and Legionella.

(d) No exemptions from the filtration and disinfection processes are allowed.

(e) The treatment requirements consist of installing and properly operating water treatment processes which achieve the following:

1. At least 99.9 percent removal and/or inactivation of *Giardia lamblia* cyst and at least 99 percent removal of *Cryptosporidium* oocyst prior to service of the first customer, and

2. 99.99 percent removal and/or inactivation of viruses prior to service of the first customer.

3. Drinking water meeting all primary and secondary standards.

(f) Plants with a raw water source receiving treated or untreated wastewater or having a watershed with high contaminant potential may be required to install equipment to measure, count and record particle size of particles passing through plant filters to demonstrate compliance with the requirements of 335-7-6-.04(e).

**Author:** Edgar K. Hughes.

**Statutory Authority:** Code of Alabama 1975, §§ 22-23-33, 22-23-49, 22-22A-5, 22-22A-6.

**History:** Repealed: November 7, 2005, Readopted: December 12, 2005; XXXXX, 2012.