

**TRANSMITTAL SHEET FOR
NOTICE OF INTENDED ACTION**

Control 335 Department or Agency Environmental Management
Rule No. 335-7-5-.15
Rule Title: Ground Water Quality

 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

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.

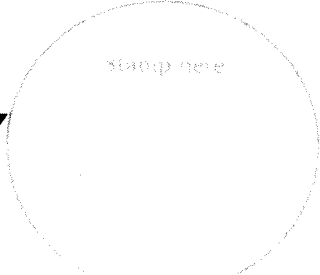
Certification of Authorized Official

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 Mandy 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: 335-7-5-.13 Springs (Amend)
335-7-5-.15 Ground Water Quality (Amend)
335-7-5-.17 Disinfection Requirements (Amend)
335-7-5-.18 Filtration Requirements (Amend)
335-7-5-.22 Ground Water Rule (Amend)

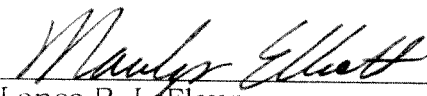
INTENDED ACTION: The Alabama Department of Environmental Management proposes to revise division 335-7, Public Water Supply.

SUBSTANCE OR PROPOSED ACTION: Revisions to rules 335-7-5-.13(b) 335-7-5-.15 (b), 335-7-5-.17 (a) 3, and 335-7-5-.18, 335-7-5-.22 (5)(a) 1. (ii) and 335-7-5-.22(6)(b) 3. (i) (I) are being proposed to make administrative changes and to clarify requirements.

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]



Lance R. LeFleur
Director

335-7-5-.15 Ground Water Quality. The quality of water produced from wells and springs must be determined through analysis of samples representative of the sources.

(a) **Physical Quality.** Water produced from wells or springs to serve a community or NTNC system shall be free of rock or sand particles, silt, mud, or other foreign material. If compliance cannot be judged through visual observation, the following procedures shall be followed:

1. A turbidity test shall be performed according to methods approved by the Department and the results submitted to the Department.

2. A sample of the water shall be subjected to centrifuge or filtering tests. The test method shall be submitted by the project engineer to the Department which shall review and approve the method and apparatus prior to testing. If the design and apparatus are approved, the full capacity of the well upon start-up shall be tested for ten minutes. The maximum acceptable amount of material collected is one part per million.

(b) **Bacteriological Quality.** Every new, modified or reconditioned groundwater source shall be tested for bacteriological quality. A minimum of three chlorine free water samples collected at various periods during the capacity test shall be analyzed for both ~~fecal and total~~ total and fecal coliform (or *E. coli*) bacteria by a laboratory certified by the Department. After the final pumping equipment has been installed and properly disinfected, at least two samples of chlorine free water shall be analyzed by a laboratory certified by the Department for total and fecal coliform (or *E. coli*) bacteria. All results shall be submitted to the Department.

(c) **Chemical Quality.** After completion of the finished community or NTNC well, representative samples shall be analyzed for all primary and secondary contaminants, including inorganic, radiological and VOCs (regulated and unregulated). These analyses must be performed by a laboratory certified by the Department and a copy of the results shall be submitted to the Department prior to a request for a final inspection. Plans for providing treatment facilities should be provided at this time should any parameter not meet established standards.

Author: Joe Alan Power, Edgar K. Hughes.

Statutory Authority: Code of Alabama 1975, §§ 22-23-1 through 22-24-12.

History: May 23, 1977; Repealed and readopted: January 4, 1989; October 31, 1990.

Amended: September 19, 1995 (ER); November 28, 1995; December 8, 1998; effective January 25, 1999; June 7, 2000; December 12, 2005; XXXXX, 2012.