

**TRANSMITTAL SHEET FOR
NOTICE OF INTENDED ACTION**

Control 335 Department or Agency Environmental Management
Rule No. 335-7-6-.05
Rule Title: Surface Water Intake Structures

 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.

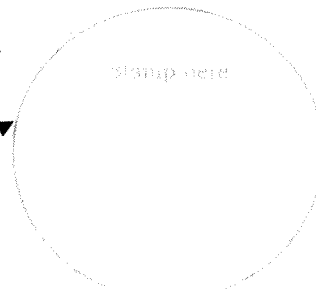
Certification of Authorized Official

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 June 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)

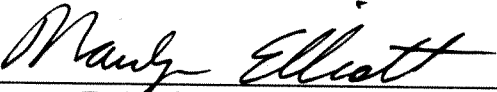
INTENDED ACTION: The Alabama Department of Environmental Management proposes to revise division 335-7, Public Water Supply.

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 at the offices of the Alabama Department of Environmental Management, 1400 Coliseum Blvd, Montgomery, AL 36109 or by mail to P.O. Box 301463, Montgomery, AL 36130-1463.

FINAL DATE FOR COMMENT AND COMPLETION OF NOTICE: August 3, 2012 at 5:00 p.m.

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



Lance R. LeFleur
Director

335-7-6-.05 Surface Water Intake Structures. All surface water intake structures that are permitted for construction after December 31, 2005 must meet the following requirements, unless a waiver is granted by the Department:

(a) Provide for the withdrawal of water from more than one level unless written approval is obtained from the Department.

(b) All motors and electrical controls must be located above grade and the 100 yearflood level except when submersible pumps are approved by the Department.

(c) Structures must be equipped with removable or traveling screens before the pump suction well or equipped with other means for clearing the screens.

(d) A minimum of two pumps sized to meet the treatment plant design capacity are required. Intakes with more than two pumps must be able to meet the treatment plant design capacity with the largest pump out of service.

(e) Incorporate into the design provisions for preventing surge or water hammer damage when necessary.

(f) Equip discharge piping from the raw water pumping station with a device capable of measuring and totaling the flow.

(g) Provide ample space in the interior of the raw water pumping station for adequate maintenance.

(h) Structures should have adequate lighting to provide for the necessary observation of equipment operation.

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; XXXX, 2012.