

APA-1
07/04

TRANSMITTAL SHEET FOR
NOTICE OF INTENDED ACTION

Control No. 335 Department or Agency Environmental Management
Rule No. 335-6-15-.32
Rule Title: Analytical 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

Does the proposed rule have an economic impact? NO

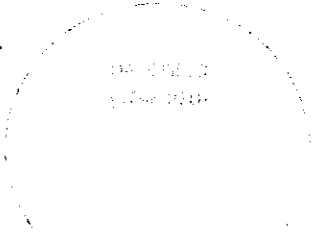
If the proposed rule has an economic impact, the proposed rule is required to be accompanied by a fiscal note prepared in accordance with subsection (f) of section 41-22-23, Code of Alabama 1975.

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 Marilyn Elliott

Date July 20, 2017



ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
LAND DIVISION

NOTICE OF INTENDED ACTION

AGENCY NAME: Department of Environmental Management

RULE NO. & TITLE: 335-6-15-.02 Definitions
335-6-15-.03 Applicability
335-6-15-.04 Installation Requirements for Partially Excluded Systems
335-6-15-.05 Notification Requirements
335-6-15-.06 Performance Standards for New UST Systems and Dispensers
335-6-15-.07 Upgrading of Existing UST Systems
335-6-15-.08 Plans and Specifications
335-6-15-.09 Operation, Maintenance, and Testing or Inspection of Spill and Overfill
Prevention Equipment and Containment Systems; and Walkthrough Inspections
335-6-15-.10 Operation and Maintenance of Corrosion Protection
335-6-15-.11 Compatibility
335-6-15-.12 Repairs Allowed
335-6-15-.13 Reporting and Recordkeeping
335-6-15-.14 General Release Detection Requirements for All UST Systems
335-6-15-.15 Release Detection Requirements for Petroleum UST Systems
335-6-15-.16 Release Detection Requirements for Hazardous Substance UST
Systems
335-6-15-.17 Methods of Release Detection for Underground Storage Tanks
335-6-15-.18 Methods of Release Detection for Underground Piping
335-6-15-.19 Release Detection Recordkeeping
335-6-15-.20 Reporting of Suspected Releases
335-6-15-.22 Release Investigation and Confirmation Steps
335-6-15-.24 Initial Release Response
335-6-15-.25 Initial Abatement Measures and Preliminary Investigation
335-6-15-.26 Preliminary Investigation Requirements
335-6-15-.27 Free Product Removal
335-6-15-.28 Secondary Investigation Requirements
335-6-15-.29 Corrective Action Plan
335-6-15-.30 Corrective Action Requirements
335-6-15-.31 Public Participation
335-6-15-.32 Analytical Requirements
335-6-15-.33 Temporary Closure
335-6-15-.35 Site Closure or Change-In-Service Assessment
335-6-15-.37 Closure Records
335*6-15-.39 Availability to Public of Records, Reports or Information
335-6-15-.42 Underground Storage Tank Regulation Fee
335-6-15-.43 Financial Responsibility for Petroleum UST Owners and Operators
335-6-15-.45 Delivery Prohibition
335-6-15-.46 Operator Training

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
LAND DIVISION

NOTICE OF INTENDED ACTION

RULE NO. & TITLE:

335-6-15-.47 Certification Requirements for Individuals Who Supervise Installation,
Closure, and Repair of UST Systems
335-6-15-.48 UST Systems with Field-Constructed Tanks and Airport Hydrant Fuel
Distribution Systems
335-6-15-.49 Severability

INTENDED ACTION: Amend Chapter 335-6-15 of the ADEM Administrative Code

SUBSTANCE OF PROPOSED ACTION:

The Department of Environmental Management proposes to amend portions of the Division 6 Underground Storage Tanks Program Regulations to make typographical and grammatical corrections, to make clarifications necessary to maintain consistency with analogous federal rules, and to adopt new amendments required by the USEPA which are necessary to maintain the programs fully authorized status.

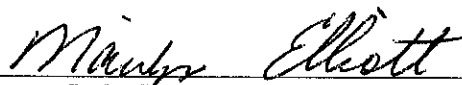
TIME, PLACE, MANNER OF PRESENTING VIEWS:

Comments may be submitted in writing or orally at a public hearing to be held Wednesday, August 9, 2017 at 10:00 a.m. in the Main Hearing Room at the ADEM Central Office located at 1400 Coliseum Blvd, Montgomery, Alabama 36110.

FINAL DATE FOR COMMENT AND COMPLETION OF NOTICE:

September 6, 2017

CONTACT PERSON AT AGENCY: Sonja Massey, Chief of the Groundwater Branch, ADEM Land Division, (334) 271-7832.



Lance R. LePleur
Director

335-6-15-.32 Analytical Requirements. Soil and groundwater samples collected under the requirements of this chapter shall be analyzed according to the methods presented in this rule, as directed by the Department.

(a) Analysis of soils. Analysis of soils for petroleum contaminants shall be performed for the following parameters according to the type of petroleum product causing the contamination:

1. Total petroleum hydrocarbons	Standard Method 503 EPA Method 9071
2. Benzene, ethyl benzene, toluene and total xylenes	EPA Method 5030 or 3810, followed by EPA Method 8020 or 8240
3. Lead	EPA Method 239.2

(b) Gasoline analytical group. Analysis of groundwater or surface waters required by this chapter for petroleum contaminants of this group shall be performed for the following parameters according to the type of petroleum product causing the contamination:

1. Volatile organic halocarbons (including priority pollutant compounds)	EPA Method 601
2. Benzene, ethyl benzene, toluene and total xylenes	EPA Method 602 or 624
3. 1, 2-Dibromoethane	EPA Method 504.1
4. Lead	EPA Method 239.2

(c) Kerosene Analytical Group. Analysis of groundwater or surface waters required by this chapter for petroleum contaminants of this group shall be performed for the following parameters according to the type of petroleum product causing the contamination:

Note: Kerosene, diesel and jet fuels are included in this group.

1. Polynuclear aromatic hydrocarbons (PAH) (Including 15 priority pollutant PAH's plus 2-Methylnaphthalene and 1-Methylnaphthalene)	EPA Method 601 or 625
2. Benzene, ethyl benzene, toluene and total xylenes	EPA Method 602 or 624
3. Volatile organic halocarbons (including priority pollutant compounds)	EPA Method 601
4. 1, 2-Dibromoethane	EPA Method 504.1
5. Lead	EPA Method 239.2

(d) Monitoring of soil or groundwater for other than petroleum related regulated substances shall be according to established EPA analytical methods, where applicable.

(e) Where the results of initial analyses of soil or groundwater do not indicate the presence of a contaminant listed in subparagraphs (a) through (c) ~~above of this rule~~, or indicate that the presence of the contaminant is due to an ambient concentration, the Department may waive requirements for further testing for that contaminant.

(f) The Department may approve additional methods for the monitoring or investigation of regulated substances which have been released to soils, groundwaters or surface waters of the state of Alabama.

Author: Sonja Massey, Curt Johnson, Lee Davis.

Statutory Authority: Code of Alabama 1975, § 22-36-3.

History: April 5, 1989.

Amended: October 2, 2003; XXXXXX, 2017.