

Welcome To The
ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



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303 (d) List

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303(d) Information and Map

Section 303(d) of the Clean Water Act (CWA) establishes that states are to list (the 303(d) list) waters for which technology-based limits alone do not ensure attainment of applicable water quality standards (WQS). The 303(d) list is to be submitted by the states to EPA on April 1 of each even numbered year. The 303(d) list includes priority rankings set by the state for the listed waters.

- [Final 2002 303\(d\) List](#)
 - [Final 2003 303\(d\) Fact Sheet](#)
- [Final 2000 303\(d\) list](#)
 - [Final 2000 Fact Sheet](#)
- [Final 1998 303\(d\) list](#)
- [Final 1996 303\(d\) list](#)

Once the impaired waters are identified, Section 303(d) requires that the states establish total daily maximum loads (TMDLs) that will meet water quality standards for each listed water, considering seasonal variations and a margin of safety (MOS) that accounts for uncertainty.

EPA's regulations for implementing Section 303(d) can be found in the Codified Federal Register (CFR) for Water Quality Planning and Management at 40 CFR Part 130. The regulations define terms used in Section 303(d) and otherwise interpret and expand upon the statutory requirements.

Alabama's 303(d) Listing & Delisting Criteria

The criteria Alabama uses to list or delist a stream on the 303(d) is as follows:

● **Conventional Water Quality Parameters (i.e., dissolved oxygen, temperature, pH)**

- **Fully Supporting** - For any one pollutant or stressor the criteria is exceeded in ≤ 10 percent of the measurements.
- **Partially Supporting** - For any one pollutant or stressor the criteria is exceeded in 11 to 25 percent of the measurements.
- **Not Supporting** - For any one pollutant or stressor the criteria is exceeded in > 25 percent of the measurements.

● **Toxicants (i.e. priority pollutants, metals, chlorine, and ammonia)**

- **Fully Supporting** - For any one pollutant, no more than 1 exceedance of acute or chronic criteria in a 3-year period based on 10 or more samples.
- **Partially Supporting** - For any one pollutant, acute or chronic criteria exceeded more than once in a 3-year period but in < 10 percent of the samples based on 10 or more samples.
- **Not Supporting** - For any one pollutant, acute or chronic criteria exceeded in > 10 percent of the samples based on 10 or more samples.

● **Biological Assessment Data (i.e. macroinvertebrates)**

- **Fully Supporting** - Macroinvertebrates determined to be Excellent (Unimpaired), Good (Slightly Impaired) or Fair (Moderately Impaired) and Chemical/Physical/Field data indicates compliance.
- **Partially Supporting** - Macroinvertebrates determined to be Fair (Moderately Impaired) and Chemical/Physical/Field data indicates impairment.
- **Not Supporting** - Macroinvertebrates determined to be Poor (Severely Impaired) and Chemical/Physical Field data indicates impairment.

● **Fish Consumption Advisories (Alabama Department of Public Health)**

- **Fully Supporting** - ADPH has not issued a consumption advisory or has lifted a previous consumption advisory
- **Partially Supporting** - ADPH has issued a "Limited Consumption" advisory affecting only a subgroup of the population or restricting the quantity of fish that should be eaten.
- **Not Supporting** - ADPH has issued a "No Consumption" advisory.

● **Shellfish Harvesting Area Closures (Alabama Department of Public Health)**

- **Fully Supporting** - Shellfish harvesting areas were closed for ≤ 10 percent of

- the reporting period (5 years)
- **Partially Supporting** - Shellfish harvesting areas were closed 11 to 25 percent of the reporting period
 - **Not Supporting** - Shellfish harvesting areas were closed ≥ 25 percent of the reporting period

A complete list of the streams Alabama has delisted or is proposing for delisting are:

- Approved Delisted Stream Segments

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Map of Alabama's 1998 §303(d) Listed Waters

This map also contains Alabama's Outstanding National Resource Water (ONRW) Designations, Outstanding Alabama Water (OAW) Classifications, and Public Water Supply (PWS) Classifications. An accompanying sheet contains tables for the 1998 §303(d) List, ONRW Designations, and OAW and PWS Classifications. Although this map was originally produced in 1998 the ONRW designations and the OAW and PWS classifications should be consistent with those found in the current **ADEM Water Division-Water Quality Program Chapter 335-6-11 Water Use Classifications for Interstate and Intrastate Waters**.

Should any errors be found on this map please contact:

ADEM Water Quality Branch
Phone: 334-271-7829
Fax: 334-279-3051

email: <mailto:jtp@adem.state.al.us>

To download the two MS Powerpoint files or the shape files right click on Download and choose "Save Target As".

1998 §303(d) Listed Waters Map

(requires highspeed connection (DSL, Cable, T1, etc.) to View)

34" x 44" (E Size) map sheet and 34" x 34" table sheet

(graphics copied from Arcview layouts and pasted to Powerpoint files to minimize file size and maintain resolution for plotting/viewing after download)

ESRI Arcview §303(d) Shape Files

Projection: Geographic

Datum: NAD83

Hydrography Source: Lines-National Hydrography Dataset

Polygons-National Hydrography Dataset and custom polygons

The table *1998 303d table.csv* included in the downloadable WinZip file can be added to an Arcview project and joined to the line and polygon attribute tables by using the *Wb_id* common field.

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Send mail to webmaster@adem.state.al.us with questions or comments about this web site.
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