

## *Alabama's 2012 §303(d) List Fact Sheet*

### **Background**

Section 303(d) of the Clean Water Act requires that each state identify those waters that do not currently support designated uses, and to establish a priority ranking of these waters by taking into account the severity of the pollution and the designated uses of such waters. For each waterbody on the list, the state is required to establish a total maximum daily load (TMDL) for the pollutant or pollutants of concern at a level necessary to implement the applicable water quality standards. Guidance issued in August 1997 by the Environmental Protection Agency (EPA) suggested that states also include a schedule for TMDL development. The TMDL schedule included as part of Alabama's 2012 List provides the expected date the specific TMDL will be drafted and submitted for public notice and comment.

### **Alabama's 2012 §303(d) List**

Alabama's 2012 §303(d) List includes segments of rivers, streams, lakes, reservoirs, and estuaries that do not fully support their currently designated use or uses. Most of the waterbodies on the 2012 §303(d) List also appeared on Alabama's 2010 §303(d) List as submitted to EPA in April 2010. The Department has attempted to obtain and evaluate all existing and readily available water quality-related data and information. The notice soliciting information is included in **Appendix A**. The notice was published in Alabama's four major daily newspapers, appeared on the Department's web page, and was mailed to the Department's general mailing list. Data in the Department's multiple databases, information from §319 nonpoint assessments, special watershed studies, other federal and state agencies, industries, and watershed initiatives were evaluated as the 2012 §303(d) List was compiled. Any individual or organization may submit additional data or information during the advertised comment period relative to water quality impairment in waterbodies in Alabama. Chemical, physical, and biological data collected primarily during the previous six years have been considered in the preparation of the 2012 §303(d) List, consistent with the Department's water quality assessment and listing methodology. Comments on the methodology were solicited in the public notice included in **Appendix A**. Alabama's water quality assessment and listing methodology may be found at the Department's web page at: <http://www.adem.state.al.us/programs/water/wquality/2012WAM.pdf>. Data sources include the Alabama Department of Environmental Management, the Alabama Department of Public Health, the Geological Survey of Alabama, the United States Geological Survey, the Tennessee Valley Authority, other public agencies, universities, county and municipal governments, and industries.

The list contains information such as the waterbody name, county(s) in which the listed segment is located, dates when the data on which the listing is based were collected, cause(s) for the use impairment, the source(s) of the pollutant(s) causing the impairment, the size of the impaired segment, and the location of the listed waterbody.

### **Changes since the 2010 §303(d) List**

A number of differences exist between the 2012 §303(d) List and the Final Approved 2010 §303(d) List. Some of the changes were to correct errors or omissions in the 2010 List and to provide additional or updated information about waterbodies on the list. Other significant changes since 2010 include the addition and deletion of waterbodies. **Table 1** shows the new waterbody/pollutant combinations that are being added to Alabama's §303(d) List and the justification for the additions. **Table 2** provides the waterbody/pollutant combinations that are being removed from the list and placed in a different category and the corresponding justification for each removal.

Changes have also been proposed to the TMDL completion schedule since the Final 2010 §303(d) List. The changes reflect the pace of TMDL development that can reasonably be expected given ADEM's current funding and staffing levels. The TMDL schedule provides the expected date the specific TMDL will be drafted and submitted for public notice and comment. Where more than one TMDL is required for a segment, TMDLs for specific pollutants may be developed in advance of the expected date shown on the list. A notice of availability will be published on the Department's web page as draft TMDLs are completed and offered for public review and comment.

**Table 3** provides a listing of other changes appearing on the 2012 §303(d) List. Most of these changes result from corrections to Assessment Unit numbers, corrections to causes and sources and updates to the draft TMDL development schedule.

**Table 4** provides a listing of waterbodies being added proposed for addition to Category 4A (Waters for which all TMDLs needed to result in attainment of all applicable water quality standards have been approved or established by EPA). While these waterbodies would normally have been listed in Category 5 based on exceedances of water quality standards, they are part of a watershed for which a TMDL has already been completed for the pollutant of concern, and any pollutant loads from these segments are already accounted for in the TMDL.

**Table 5** provides revisions made between the draft 2012 §303(d) List and the final 2012 §303(d) List submitted to EPA. These revisions were made to the list as a result of comments received during the public notice period or as a result of errors or omissions identified by ADEM staff since the draft 2012 §303(d) List was public noticed. Primarily, a number of segments had been moved to Category 4B, and after consultation with EPA it was determined that they will remain in Category 5 for the 2012 cycle.

**Table 1**  
**Alabama's 2012 §303(d) List**  
**New Waterbody/Pollutant Combinations Appearing on the 2012 List**

The waterbody/pollutant combinations listed in the following table are proposed for addition to Alabama's 2012 §303(d) List for the reasons presented in the table.

<b>Assessment Unit</b>	<b>Waterbody Name</b>	<b>River Basin</b>	<b>County</b>	<b>Causes</b>	<b>Basis for Addition to the List</b>	<b>Source / Date of Data</b>
AL03150201-1207-301	Sixmile Creek	Alabama	Dallas	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2011 based on records from ADEM station CLAM-6.	ADPH 2011
AL03150204-0405-102	Alabama River	Alabama	Clarke Monroe	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2011 based on records from ADEM station ALRM-1.	ADPH 2011
AL03160111-0409-100	Village Creek	Black Warrior	Jefferson	Nutrients	Records at ADEM Station VLGJ-5 from 2005-2011 show dissolved oxygen concentrations ranging from 7.4 mg/L to 13.2 mg/L. The median pH value during this period of record was 8.2 s.u. and the maximum value was 9.2 s.u. These enriched conditions are most likely caused by high Nitrogen and/or Phosphorus concentrations. During this time period the median Total Nitrogen concentration was 3.39 mg/L with a maximum concentration of 4.87 mg/L. The median Total Phosphorus concentration was 0.23 mg/L with a maximum value of 0.51 mg/L. In addition, a maximum chlorophyll <i>a</i> value of 73.20 µg/L was recorded.	ADEM 2005-2011

Assessment Unit	Waterbody Name	River Basin	County	Causes	Basis for Addition to the List	Source / Date of Data
AL03160111-0413-101	Locust Fork	Black Warrior	Jefferson	Nutrients	Records at ADEM Station LFKJ-6 from 2005-2011 show dissolved oxygen concentrations ranging from 4.6 mg/L to 18.8 mg/L. The median pH value during this period of record was 7.9 s.u. and the maximum value was 9.3 s.u. These enriched conditions are most likely caused by high Nitrogen and/or Phosphorus concentrations. During this time period the median Total Nitrogen concentration was 3.06 mg/L with a maximum concentration of 17.38 mg/L. The median Total Phosphorus concentration was 0.07 mg/L with a maximum value of 0.17 mg/L. In addition, a maximum chlorophyll <i>a</i> value of 98.70 µg/L was recorded. Chlorophyll <i>a</i> values as high as 48.59 µg/L were measured at a downstream station, BANT-3 as well.	ADEM 2005-2011
AL03160111-0413-112	Locust Fork	Black Warrior	Jefferson	Nutrients	Records at ADEM Station LFKJ-6 from 2005-2011 show dissolved oxygen concentrations ranging from 4.6 mg/L to 18.8 mg/L. The median pH value during this period of record was 7.9 s.u. and the maximum value was 9.3 s.u. These enriched conditions are most likely caused by high Nitrogen and/or Phosphorus concentrations. During this time period the median Total Nitrogen concentration was 3.06 mg/L with a maximum concentration of 17.38 mg/L. The median Total Phosphorus concentration was 0.07 mg/L with a maximum value of 0.17 mg/L. In addition, a maximum chlorophyll <i>a</i> value of 98.70 µg/L was recorded.	ADEM 2005 - 2011

Assessment Unit	Waterbody Name	River Basin	County	Causes	Basis for Addition to the List	Source / Date of Data
AL03130002-0907-100	Moores Creek	Chattahoochee	Chambers	Siltation (habitat alteration)	A Macroinvertebrate Assessment at ADEM station MOOC-2 had a Poor WMB-1 score. Habitat information from this watershed noted that sand and silt accounted for 80% of the substrate and that the Sediment Deposition, Sinuosity and Riparian Buffer were all graded Poor.	ADEM 2007
AL03130003-0605-100	Ihagee Creek	Chattahoochee	Russell	Siltation (habitat alteration)	Macroinvertebrate Assessments at Station IHGR-1 from 2005 and 2008 had Poor WMB-1 scores. Records at ADEM Station IHGR-1 from 2005 show a maximum turbidity value of 139 NTU and a TSS concentration of 169.0 mg/L. Site inspections note that this may be caused by several new housing developments in the watershed, as well as clear cut areas which go up to the banks of the stream.	ADEM 2005, 2008
AL03130002-1107-110	Halawakee Creek	Chattahoochee	Chambers Lee	Siltation (habitat alteration)	A Macroinvertebrate Assessment at Station HACL-1 from 2008 had a Poor WMB-1 score. Records at ADEM station HACL-1 from 2008 show a maximum turbidity value of 162 NTU. Site inspections note severe bank erosion near a recent housing development and a recently constructed large trailer park near the station.	ADEM 2008
AL03160205-0102-110	Halls Mill Creek	Mobile	Mobile	Siltation (habitat alteration)	Macroinvertebrate Assessments at Stations HALM-1 and HALM-2 from 2006 had a Poor WMB-1 score. . Habitat information from this watershed noted that sand accounts for 85% of the substrate. Also, at the time of the assessment, there were more than 130 construction stormwater permits in the watershed.	ADEM 2006
AL03140107-0204-400	Arnica Bay	Perdido-Escambia	Baldwin	Pathogens	Records at ADEM station P_Cove from 2010 show that the enterococci criterion was exceeded in 15 out of 65 samples.	ADEM 2010
AL03140107-0204-302	Perdido Bay	Perdido-Escambia	Baldwin	Pathogens	Records at ADEM station Span_Cove from 2010 show that the enterococci criterion was exceeded in 8 out of 37 samples.	ADEM 2010

Assessment Unit	Waterbody Name	River Basin	County	Causes	Basis for Addition to the List	Source / Date of Data
AL03150109-0803-301	Sugar Creek (Lake Martin)	Tallapoosa	Tallapoosa	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2011 based on records from ADEM station SUGT-2.	ADPH 2011
AL03150110-0104-101	Sougahatchee Creek (Yates Lake)	Tallapoosa	Tallapoosa	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2011 based on records from ADEM station YATE-2.	ADPH 2011
AL03150110-0402-101	Channahatchee Creek (Yates Lake)	Tallapoosa	Elmore	Organic enrichment (CBOD, NBOD)	Records at ADEM Station YATE-3 from 2005-2010 show dissolved oxygen concentrations as low as 2.2 mg/L. The dissolved oxygen criterion was exceeded in 7 of 15 samples taken during this period.	ADEM 2005, 2010
AL03150110-0406-102	Tallapoosa River (Thurlow Reservoir)	Tallapoosa	Elmore Tallapoosa	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2011 based on records from ADEM station THUE-1.	ADPH 2011
AL03150110-0905-112	Tallapoosa River	Tallapoosa	Elmore Montgomery	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2011 based on records from ADEM station TARE-1.	ADPH 2011
AL06030001-0204-101	Widows Creek	Tennessee	Jackson	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM stations WDWJ-3, WDWJ-4, and WDWJ-5.	ADPH 2010, 2011
AL06030001-0205-102	Tennessee River (Lake Guntersville)	Tennessee	Jackson	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM station TENR-417.	ADPH 2010

Assessment Unit	Waterbody Name	River Basin	County	Causes	Basis for Addition to the List	Source / Date of Data
AL06030001-0306-100	Little Coon Creek	Tennessee	Jackson	Siltation (habitat alteration)	A Macroinvertebrate Assessment at Station COCJ-1 from 2009 had a Poor WMB-1 score. Habitat information from this watershed noted that the substrate was 71% sand and that the riparian buffer was graded as Poor. Site inspections note that the watershed is dominated by cow pastures and corn fields with a minimal riparian zone.	ADEM 2009
AL06030001-0202-500	Higdon Creek	Tennessee	DeKalb Jackson	Siltation (habitat alteration)	A Macroinvertebrate Assessment at Station HDND-1 from 2009 had a Poor WMB-1 score. Records at ADEM Station HDND-1 from 2009 show dissolved oxygen concentrations as low as 2.0 mg/L. The dissolved oxygen criterion was exceeded in 5 of 10 samples taken during this period. Site inspections note that the stream runs through several cow pastures with no riparian buffer as well as having clear cut areas near station HDND-1 which go up to the edge of the stream.	ADEM 2009
AL06030001-0904-101	Browns Creek	Tennessee	Marshall	Nutrients	Records at ADEM station GUNM-10 from 2009 show a growing season mean concentration for chlorophyll <i>a</i> of 27.47 µg/L. The maximum concentration recorded was 48.06 µg/L. The pH criterion was exceeded in 5 of 7 samples during this sampling period.	ADEM 2009
AL06030001-0904-102	Browns Creek	Tennessee	Marshall	Nutrients Total dissolved solids	A Macroinvertebrate Assessment at Station BRSB-2 had a Poor WMB-1 score in 2009. During this sampling period, the median total Phosphorus concentration was 0.06 mg/L with a maximum value of 0.48 mg/L. The maximum total dissolved solids value was 1036 mg/L.	ADEM 2009
AL06030002-0602-800	Widner Creek	Tennessee	Cullman Morgan	Organic enrichment (CBOD, NBOD)	Records at ADEM Station MUDM-2 from 2009 show dissolved oxygen concentrations ranging from 4.3 mg/L to 10.2 mg/L.	ADEM 2009

Assessment Unit	Waterbody Name	River Basin	County	Causes	Basis for Addition to the List	Source / Date of Data
AL06030002-0602-900	Fall Creek	Tennessee	Cullman Morgan	Organic enrichment (CBOD, NBOD)	Records at ADEM Station MARM-1 from 2009 show dissolved oxygen concentrations ranging from 3.9 mg/L to 10.0 mg/L.	ADEM 2009
AL06030002-0906-600	Limestone Creek (Wheeler Lake)	Tennessee	Limestone	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM station WHEL-5.	ADPH 2010
AL06030002-1014-103	Flint Creek	Tennessee	Morgan	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM station FTSM-6.	ADPH 2010
AL06030005-0105-100	Big Nance Creek	Tennessee	Lawrence	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM stations BGNL-1, and WILL-1.	ADPH 2010
AL06030006-0203-101	Cedar Creek (Cedar Creek Lake)	Tennessee	Franklin	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM station CEDF-2.	ADPH 2010
AL06030005-0803-400	Sweetwater Creek	Tennessee	Lauderdale	Nutrients	A Macroinvertebrate Assessment at Station SWTL-1 in 2009 had a Very Poor WMB-1 score. During this sampling period, the median Total Nitrogen concentration was 183 mg/L with a maximum concentration of 2.09 mg/L. The median total Phosphorus concentration was 0.026 mg/L with a maximum value of 0.124 mg/L.	ADEM 2009
AL06030006-0205-111	Little Bear Creek (Little Bear Creek Reservoir)	Tennessee	Franklin	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM station LBRF-2.	ADPH 2010
AL03160201-0401-103	Tombigbee River (Coffeeville Reservoir)	Lower Tombigbee	Marengo Sumter	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2010 based on records from ADEM station COFC-19.	ADPH 2010



<b>Assessment Unit</b>	<b>Waterbody Name</b>	<b>River Basin</b>	<b>County</b>	<b>Causes</b>	<b>Basis for Addition to the List</b>	<b>Source / Date of Data</b>
AL03160203-1103-101	Tombigbee River	Lower Tombigbee	Baldwin Clarke Mobile Washington	Metals (Mercury)	A fish consumption advisory issued by the Alabama Department of Public Health in 2011 based on records from ADEM station TOMW-1.	ADPH 2011

**Table 2**  
**Alabama's 2012 §303(d) List**  
**Waterbody/Pollutants Removed from the 2010 List**

The waterbody/pollutant combinations listed in the following table are proposed for removal from Alabama's 2010 §303(d) List and are proposed for removal from Alabama's 2012 §303(d) List for the reasons presented. Waterbody/pollutant combinations for which EPA has approved a TMDL will be included in Category 4A of the 2012 Integrated Water Quality Report.

Assessment Unit	Waterbody Name	River Basin	County	Cause (Pollutant)	Good Cause Justification for Removal
AL03150201-0203-102	Autauga Creek	Alabama	Autauga	Unknown	WMB-I scores for Autauga Creek based on data collected by USGS in 2009 at AUCA-5 and AUCA-6 were Fair and Good, respectively. Therefore, ADEM will not develop a TMDL due to "more recent data" which is a just cause for delisting waterbodies according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03150201-0404-100	<a href="#">Pintlala Creek</a>	Alabama	Crenshaw Montgomery	Pathogens	TMDL approved by EPA on 5/02/2011
AL03150203-0802-100	<a href="#">Pursley Creek</a>	Alabama	Wilcox	Pathogens	TMDL approved by EPA on 9/29/2011
AL03150203-0802-400	<a href="#">Town Branch</a>	Alabama	Wilcox	Pathogens	TMDL approved by EPA on 9/29/2011
AL03160109-0105-101	<a href="#">Brindley Creek</a>	Black Warrior	Cullman	Nutrients	TMDL approved by EPA on 3/15/2012
AL03160109-0105-102	<a href="#">Brindley Creek</a>	Black Warrior	Cullman	Nutrients	TMDL approved by EPA on 3/15/2012
AL03160109-0108-102	Mud Creek	Black Warrior	Cullman	Organic enrichment (CBOD)	Available data for Mud Creek indicates that an organic enrichment/dissolved oxygen (OE/DO) impairment does not currently exist. Therefore, ADEM will not develop a TMDL due to "more recent data" which is a just cause for delisting waterbodies according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03160109-0108-102	Mud Creek	Black Warrior	Cullman	Organic enrichment (NBOD)	Available data for Mud Creek indicates that an organic enrichment/dissolved oxygen (OE/DO) impairment does not currently exist. Therefore, ADEM will not develop a TMDL due to "more recent data" which is a just cause for delisting

Assessment Unit	Waterbody Name	River Basin	County	Cause (Pollutant)	Good Cause Justification for Removal
					waterbodies according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03160110-0502-102	<a href="#">Ryan Creek</a>	Black Warrior	Cullman	Pathogens	TMDL approved by EPA on 5/2/2011
AL03160111-0203-100	Dry Creek	Black Warrior	Blount	Ammonia	Available data for Dry Creek indicates that an ammonia impairment does not currently exist. Therefore, ADEM will not develop a TMDL due to “more recent data” which is a just cause for delisting waterbodies according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03150202-0103-300	<a href="#">Lee Branch</a>	Cahaba	Shelby	Pathogens	TMDL approved by EPA on 9/29/2011
AL03150105-0807-102	<a href="#">Spring Creek</a>	Coosa	Cherokee	Pathogens	TMDL approved by EPA on 9/29/2011
AL03150105-0807-103	Spring Creek	Coosa	Cherokee	Nutrients	Available water quality data obtained for Spring Creek, inclusive of physical, chemical, and biological data, indicates that no water quality impairment from nutrients exists. Accordingly, ADEM will not proceed in developing a TMDL for this stream due to “more recent or accurate data” which, in doing so, provides sufficient justification for delisting a waterbody in conformance with Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03150105-0807-200	<a href="#">Mud Creek</a>	Coosa	Cherokee	Pathogens	TMDL approved by EPA on 5/2/2011
AL03160204-0202-200	Middle River	Mobile	Baldwin Mobile	Metals (Mercury)	This segment was removed from the Alabama Fish Consumption Advisory list in 2005.
AL03160204-0503-102	Bay Minette Creek	Mobile	Baldwin	Metals (Mercury)	This segment was removed from the Alabama Fish Consumption Advisory list in 2005.
AL03140107-0205-101	Little Lagoon	Perdido- Escambia	Baldwin	Pathogens	Available data for the west portion of Little Lagoon indicates that a pathogen (enterococci) impairment does not currently exist. Therefore, ADEM will not develop a TMDL due to “more recent data” which is a just cause for delisting waterbodies according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03150110-0102-700	<a href="#">Pepperell Branch</a>	Tallapoosa	Lee	Pathogens	TMDL approved by EPA on 9/29/2011.
AL03150110-0202-200	<a href="#">Parkerson Mill Creek</a>	Tallapoosa	Lee	Pathogens	TMDL approved by EPA on 9/29/2011.
AL03150110-0603-102	<a href="#">Cubahatchee Creek</a>	Tallapoosa	Bullock Macon	Pathogens	TMDL approved by EPA on 9/29/2011.

Assessment Unit	Waterbody Name	River Basin	County	Cause (Pollutant)	Good Cause Justification for Removal
AL06030002-0303-500	Hester Creek	Tennessee	Madison	Turbidity	Available water quality data and information provided for Hester Creek indicates that impairments due to Turbidity do not currently exist. Therefore, ADEM will not develop a TMDL due to “more recent data or accurate data” which is just cause for delisting a waterbody according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL06030002-0503-101	Huntsville Spring Branch	Tennessee	Madison	Pesticides (DDT)	A TMDL is not needed for this pollutant as it is being addressed by EPA and ADEM under the CERCLA program ( <a href="#">ALD983166299</a> ). This waterbody/pollutant will be moved to Category 4B.
AL06030002-0505-101	Indian Creek	Tennessee	Madison	Pesticides (DDT)	A TMDL is not needed for this pollutant as it is being addressed by EPA and ADEM under the CERCLA program ( <a href="#">ALD983166299</a> ). This waterbody/pollutant will be moved to Category 4B.
AL06030005-0801-201	McKiernan Creek	Tennessee	Colbert	Ammonia	Available water quality data and information for McKiernan Creek indicates that impairments due to Ammonia do not currently exist. Therefore, ADEM will not develop a TMDL due to “more recent data or accurate data” which is just cause for delisting a waterbody according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03160107-0306-101	Sipsey River (Gainesville Reservoir)	Upper Tombigbee	Greene Pickens	Metals (Iron)	Iron concentrations measured in 2005 - 2006 suggests that this watershed is not impaired with respect to iron. The weighted iron concentration from ecoregional reference guideline data is higher than the median values for both impaired and unimpaired portions of the river basin, thus suggesting that elevated iron concentrations are due to natural conditions. Therefore, ADEM will not develop a TMDL due to “more recent data or accurate data” which is just cause for delisting a waterbody according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).
AL03160107-0306-102	Sipsey River	Upper Tombigbee	Greene Pickens	Metals (Iron)	Iron concentrations measured in 2005 - 2006 suggests that this watershed is not impaired with respect to iron. The weighted iron concentration from ecoregional reference guideline data is higher than the median values for both impaired and unimpaired portions of the river basin, thus suggesting that elevated iron concentrations are due to natural conditions. Therefore, ADEM will not develop a TMDL due

Assessment Unit	Waterbody Name	River Basin	County	Cause (Pollutant)	Good Cause Justification for Removal
					to “more recent data or accurate data” which is just cause for delisting a waterbody according to Title 40 of the Code of Federal Regulations (CFR), Part 130.7(b)(6)(iv).

**Table 3**  
**List of Other Changes Appearing on Alabama's 2012 §303(d) List**

<b>Assessment Unit ID</b>	<b>Waterbody Name</b>	<b>River Basin</b>	<b>County</b>	<b>Revision</b>
AL03150203-0805-102	Alabama River (Claiborne Reservoir)	Alabama	Wilcox	The draft TMDL due date was changed to 2013.
AL03150203-0805-103	Alabama River (Claiborne Reservoir)	Alabama	Wilcox	The draft TMDL due date was changed to 2013.
AL03150203-0805-104	Alabama River (Claiborne Reservoir)	Alabama	Wilcox	The draft TMDL due date was changed to 2013.
AL03150203-0805-105	Alabama River (Claiborne Reservoir)	Alabama	Wilcox	The draft TMDL due date was changed to 2013.
AL03150203-0703-101	Alabama River (Claiborne Reservoir)	Alabama	Wilcox	The draft TMDL due date was changed to 2013.
AL03150202-0503-102	Cahaba River	Cahaba	Bibb	The draft TMDL due date was changed to 2012.
AL03150202-0407-100	Cahaba River	Cahaba	Bibb	The draft TMDL due date was changed to 2012.
AL03150202-0206-101	Cahaba River	Cahaba	Shelby	The draft TMDL due date was changed to 2012.
AL03150202-0206-102	Cahaba River	Cahaba	Shelby	The draft TMDL due date was changed to 2012.
AL03150202-0204-101	Cahaba River	Cahaba	Jefferson Shelby	The draft TMDL due date was changed to 2012.
AL03150202-0204-101	Cahaba River	Cahaba	Jefferson Shelby	The draft TMDL due date was changed to 2012.
AL03150202-0204-102	Cahaba River	Cahaba	Jefferson	The draft TMDL due date was changed to 2012.
AL03150202-0104-102	Cahaba River	Cahaba	Jefferson St. Clair	The draft TMDL due date was changed to 2012.
AL03150202-0101-102	Cahaba River	Cahaba	Jefferson	The draft TMDL due date was changed to 2012.
AL03150107-0304-700	UT to Dry Branch	Coosa	Shelby	The draft TMDL due date was changed to 2017.
AL03140103-0102-700	UT to Jackson Lake 3-C	Perdido-Escambia	Covington	The draft TMDL due date was changed to 2012.
AL03140103-0102-800	UT to Jackson Lake 2-S	Perdido-Escambia	Covington	The draft TMDL due date was changed to 2012.

Assessment Unit ID	Waterbody Name	River Basin	County	Revision
AL03140303-0201-101	Rocky Creek	Perdido-Escambia	Butler	Based on data collected in 2008 at ADEM station RYC-3, the cause of the impairment was changed from unknown to pathogens. Records from this station for Fecal Coliform taken between 6/12/2008 and 8/13/2008 were 2000, 26,000 and 40,000 col/100 mL.
AL03150110-0202-300	Moore's Mill Creek	Tallapoosa	Lee	The draft TMDL due date was changed to 2017.
AL06030002-0404-200	Goose Creek	Tennessee	Madison	Based on data collected in 2010 at ADEM stations GOOM-1 and GOOM-2, the cause of the impairment was changed from unknown to pathogens. The geometric mean values calculated from E. coli records at ADEM Station GOOM-1 and GOOM-2 between 6/9/2010 and 6/30/2010 were 175 and 142 col/100 mL.
AL06030002-0106-101	Guess Creek	Tennessee	Jackson	The draft TMDL due date was changed to 2012.
AL06030002-0303-500	Hester Creek	Tennessee	Madison	The draft TMDL due date was changed to 2012.
AL06030002-0602-200	Mud Creek	Tennessee	Morgan	The draft TMDL due date was changed to 2012.
AL06030004-0405-101	Elk River (Wheeler Lake)	Tennessee	Lauderdale Limestone	The draft TMDL due date was changed to 2013.
AL06030004-0405-101	Elk River (Wheeler Lake)	Tennessee	Lauderdale Limestone	The draft TMDL due date was changed to 2013.
AL06030004-0403-800	Sulphur Creek	Tennessee	Limestone	The draft TMDL due date was changed to 2013.
AL06030005-0802-100	Pond Creek	Tennessee	Colbert	The draft TMDL due date was changed to 2012.
AL06030006-0103-103	Bear Creek	Tennessee	Marion	The draft TMDL due date was changed to 2012.

**Table 4**  
**Alabama's 2012 §303(d) List**  
**New Waterbody/Pollutant Combinations Listed in Category 4A**

The waterbody/pollutant combinations listed in the following table are proposed for addition to Category 4A (waterbody/pollutants with a completed TMDL).

<b>Assessment Unit</b>	<b>Waterbody Name</b>	<b>River Basin</b>	<b>County</b>	<b>Causes</b>	<b>Change</b>
AL03150202-0102-100	Big Black Creek	Cahaba	St. Clair	Nutrients	A Macroinvertebrate Assessment at Station BLCC-1 in 2007 had a Poor WMB-1 score. This segment is included in the Cahaba River watershed nutrient TMDL and will be added to Category 4A under this TMDL.
AL03160204-0504-200	Industrial Canal	Mobile	Mobile	Organic enrichment	Records at ADEM station INCM-1 from 2007 show a maximum Total Nitrogen value of 3.03 mg/L and a median Total Nitrogen value on 1.56 mg/L. Nitrogen exceedances in Industrial Canal are included in the Threemile Creek TMDL approved on 01/18/2007.
AL03160205-0102-110	Halls Mill Creek	Mobile	Mobile	Enterococci	Records at ADEM station HMCM-2 from 2007-2011 show that the enterococci criterion was exceeded in 3 out of 16 samples. Pathogen exceedances in Halls Mill Creek are included as a part of the Load Allocation (LA) in the Dog River/Rabbit Creek TMDL approved on 4/12/2005. (Halls Mill Creek is listed in Category 5 for siltation)
AL03160205-0101-200	Moore Creek	Mobile	Mobile	Enterococci	Records at ADEM station MCM-1 from 2007-2011 show that the enterococci criterion was exceeded in 3 out of 16 samples. Pathogen exceedances in Moore Creek are included as a part of the Load Allocation (LA) in the Dog River/Rabbit Creek TMDL approved on 4/12/2005.



**Table 5**  
**Additional Revisions made between the Draft 2012 §303(d) List and the Final 2012 §303(d) List**

Assessment Unit ID	Waterbody Name	River Basin	County	Revision
AL03150201-0203-102	Autauga Creek	Alabama	Autauga	Autauga Creek flows across the outcrop of the Tuscaloosa Group. Groundwater from this formation that forms the baseflow for the creek has characteristically low pH. This is a natural condition caused by low pH rainfall entering the subsurface and the mineral content of the formation which provides no pH buffering. Low pH baseflow combined with runoff from low pH rainfall, the result is a relatively low pH stream discharge. Therefore, the change of listing from unknown to pH is withdrawn.
AL03150201-0602-100	White Water Creek	Alabama	Autauga	White Water Creek flows across the outcrop of the Tuscaloosa Group. Groundwater from this formation that forms the baseflow for the creek has characteristically low pH. This is a natural condition caused by low pH rainfall entering the subsurface and the mineral content of the formation which provides no pH buffering. Low pH baseflow combined with runoff from low pH rainfall, the result is a relatively low pH stream discharge. Therefore, the listing for pH has been withdrawn.
AL03160109-0404-500	Black Branch	Black Warrior	Walker	The length of the segment was adjusted to 4.11 miles.
AL03160111-0203-100	Dry Creek	Black Warrior	Blount	Municipal was added as a Source for nutrients and organic enrichment.
AL03160112-0201-102	Big Yellow Creek	Black Warrior	Tuscaloosa	The delistings for Chromium and Lead have been withdrawn.
AL03150202-0206-101	Cahaba River	Cahaba	Shelby	The draft TMDL due date for Pathogens was changed to 2013.
AL03150202-0206-102	Cahaba River	Cahaba	Shelby	The draft TMDL due date for Pathogens was changed to 2013.
AL03150106-0803-100	Coosa River (Logan Martin Lake)	Coosa	St. Clair Talladega	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the

Assessment Unit ID	Waterbody Name	River Basin	County	Revision
				Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150106-0603-111	Coosa River (Logan Martin Lake)	Coosa	St. Clair Talladega Calhoun	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150106-0603-112	Coosa River (Logan Martin Lake)	Coosa	St. Clair Calhoun	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150106-0204-101	Coosa River (Lake Neely Henry)	Coosa	Etowah	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150106-0204-102	Coosa River (Lake Neely Henry)	Coosa	Etowah Cherokee	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150106-0507-102	Chocolocco Creek	Coosa	Calhoun Talladega	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150106-0514-100	Chocolocco Creek	Coosa	Calhoun	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150107-0503-110	Coosa River (Lay Lake)	Coosa	Chilton Coosa Shelby Talladega	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.

Assessment Unit ID	Waterbody Name	River Basin	County	Revision
AL03150107-0301-102	Coosa River (Lay Lake)	Coosa	Shelby Talladega	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03150106-0810-102	Coosa River (Lay Lake)	Coosa	Shelby St. Clair Talladega	Moving the waterbody from Category 5 to 4B for PCBs has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03160205-0300-102	Mobile Bay	Mobile	Mobile	The delisting for Pathogens has been withdrawn.
AL03160205-0300-500	Mobile Bay	Mobile	Baldwin	The source for Pathogens was changed from collection system failure to urban runoff/storm sewers.
AL03160205-0300-202	Bon Secour Bay	Mobile	Baldwin	The delisting for Pathogens has been withdrawn.
AL06030001-0502-100	Kirby Creek	Tennessee	Jackson	The listing for Nutrients was based on records which have been withdrawn due to poor data quality. Although there was a Poor WMB-I score for this segment, it will be placed in Category 2A until more data can be collected.
AL06030002-0404-200	Goose Creek	Tennessee	Madison	The draft TMDL due date was changed to 2012.
AL06030002-0303-500	Hester Creek	Tennessee	Madison	The draft TMDL due date was changed to 2014.
AL06030005-0801-201	McKiernan Creek	Tennessee	Colbert	The draft TMDL due date was changed to 2015.
AL06030006-0103-103	Bear Creek	Tennessee	Marion	The draft TMDL due date was changed to 2014.
AL03160203-1103-800	Olin Basin	Lower Tombigbee	Washington	Moving the waterbody from Category 5 to 4B for DDT has been delayed pending completion of the Record of Decision (ROD). TMDL development for this pollutant will be determined based upon ongoing RCRA/CERCLA program activities.
AL03160203-1103-800	Olin Basin	Lower Tombigbee	Washington	Moving the waterbody from Category 5 to 4B for Mercury has been delayed pending completion of the Record of Decision (ROD).

# **APPENDIX A**

## **Public Notice Soliciting Available Data and Information for Preparation of Alabama's Draft 2012 303(d) List**

**Public Notice - 210**

**Alabama Department of Environmental Management**

**Notice of Requesting Data and Information for Preparation of Alabama's Draft 2012  
Section 303(d) List of Impaired Waters and Comments on Alabama's Draft Water  
Assessment and Listing Methodology**

Section 303(d) of the Clean Water Act requires that each state identify those waters that do not currently support designated uses and establish a priority ranking of the waters, taking into account the severity of the pollution and the uses to be made of the waters. For each water on the list, the state is required to establish the total maximum daily load (TMDL) at a level necessary to implement the applicable water quality standards.

At this time, ADEM has begun development of the 2012 Section 303(d) list and is soliciting data and information for consideration during preparation of the list. Also, the Department is soliciting comments on Alabama's Water Assessment and Listing Methodology which will be used to develop the 2012 Section 303(d) list. The methodology has been prepared to assist the Department in the development of the 303(d) list and establishes minimum data requirements and listing criteria. In order to be fully considered in this process, persons wishing to offer a submittal should do so in an electronic format.

While the Department will consider all data submitted, we reserve the right to incorporate only those data that meet minimum quality standards. The Department is not bound by interpretations provided by data submitters. It should also be noted that the Department is unable to pay a fee for the use of data. Data, information, and comments should be submitted to Joseph Roy, Water Division, Alabama Department of Environmental Management, P.O. Box 301463, Montgomery, Alabama 36130-1463 (street address: 1400 Coliseum Boulevard, Montgomery, Alabama 36110-2059). Mr. Roy's phone number is 334-270-5635. His email address is [jtr@adem.state.al.us](mailto:jtr@adem.state.al.us). **Data, information, and comments must be received by the Department prior to 5:00 p.m. on October 19, 2011.**

An electronic copy of the Draft 2011 Water Assessment and Listing Methodology is available on ADEM's website under the Public Notice section at the following address: [www.adem.state.al.us](http://www.adem.state.al.us).

This notice is hereby given this **18<sup>th</sup> day of September 2011** by authorization of the Alabama Department of Environmental Management.

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Lance LeFleur  
Director