

**2006 LIST OF IMPAIRED WATERBODIES (303(d) LIST)**



**STATE OF ARKANSAS**

**DEPARTMENT  
OF  
ENVIRONMENTAL QUALITY**

**JANUARY 2008**

## **ARKANSAS'S 2006 303(d) LIST (LIST OF IMPAIRED WATERBODIES)**

Arkansas's 2006 303(d) List has been formatted to reflect the guidance issued by the Environmental Protection Agency for the development of the Integrated Water Quality Monitoring and Assessment Report. As part of that guidance, EPA suggests placing waterbody segments into the following five categories:

- 1 = Attaining all designated uses;
- 2 = Attaining some designated uses, but there is insufficient data to determine if other uses are being attained;
- 3 = Insufficient data to determine if any designated use is attained;
- 4 = Impaired for one or more designated uses, but does not require the development of a TMDL because:
  - a. A TMDL has been completed for the listed parameters;
  - b. Other pollution control requirements are expected to result in attainment of water quality standards;
  - c. Waters which are not attaining current water quality standards and/or assessment criteria but do not require the development of a TMDL because the impairment is not caused by a pollutant.
- 5 = The waterbody may be impaired, or one or more designated uses may not be attained. Waterbodies in Category 5 are placed in one of the following subcategories by the Arkansas Department of Environmental Quality for management purposes:
  - a. Truly impaired; develop a TMDL or other corrective action(s) for the listed parameter(s);
  - b. Waters not attaining standards, but could be de-listed with the adoption of future Regulation No. 2 revisions;
  - c. Waters in which the data is questionable because of QA/QC procedures and which require confirmation before a TMDL or other corrective action(s) is scheduled;
  - d. Waters which need data verification to confirm use impairment (additional sampling, biological assessment) before a TMDL or other corrective action(s) is scheduled;
  - e. Waters which are not attaining current water quality standards and/or assessment criteria but do not require the development of a TMDL because the impairment is not caused by a pollutant.

Water quality data from over 700 stream sampling sites and 210 lake sampling sites were considered. Data from over 400 stream sites and 159 lake sites met the assessment criteria for use in developing the 2006 303(d) list. These stations were associated with either one of ADEQ's monitoring networks, special surveys conducted by ADEQ, or sites operated by the U.S. National Park Service in the Buffalo River watershed. Water quality data from federal, state, local, and private agencies and entities, both in the State of Arkansas and from neighboring states, was evaluated.

Each table within the list contains the name of the stream, corresponding HUC (Hydrologic Unit Code) and stream reach identifier, the number of stream miles affected, and the monitoring station(s) used to assess the segment. The impacted designated uses are also identified. Some segments may have more than one designated use assessed as not attaining. The columns under the heading "Source" identify the sources of the impairments and the columns under the heading "Cause" identify the causes of the impairments. Some stream segments are impaired by multiple sources (i.e. municipal point source and surface erosion) or causes (metals and silt), while an individual cause (silt) may be from multiple sources (municipal point source and surface erosion). The source for cause number one is identified as source number one; the source for cause number two is identified as source number two; and so forth.

The Water Quality Limited Waterbody tables utilize the following abbreviations:

General:

E = Evaluated Assessment  
M = Monitored Assessment  
S = Use Fully Supported  
N = Use Not Supported

Designated Uses:

FC = Fish Consumption  
AL = Aquatic Life  
SW = Swimming (Primary Contact)  
SC = Secondary Contact  
DW = Drinking Water  
AI = Agriculture & Industry Water Supply

Causes:

SI = Siltation/Turbidity  
AM = Ammonia  
NO<sub>3</sub> = Nitrogen  
TP = Total Phosphorus  
NU<sup>1</sup> = Nutrients (NO<sub>3</sub>, TP)  
DO = Dissolved Oxygen  
PA = Pathogen Indicators (bacteria)  
CL = Chlorides  
SO<sub>4</sub> = Sulfates  
TDS = Total Dissolved Solids  
OE = Organic Enrichment  
PO = Priority Organics  
Al = Aluminum  
Be = Beryllium  
Cd = Cadmium  
Cu = Copper  
Pb = Lead  
Zn = Zinc  
Hg = Mercury

Sources:

AG = Agriculture  
SE<sup>2</sup> = Surface Erosion  
RE = Resource Extraction  
SV = Silviculture  
UR = Urban Runoff  
RC = Road Construction/Maintenance  
IP = Industrial Point Source  
MP = Municipal Point Source  
HP = Hydropower  
UN = Unknown

Notes:

1 This listing was used in previous 303(d) lists.

2 Surface Erosion – This category includes erosion from agriculture activities, construction activities, unpaved road surfaces, and in-stream erosion mainly from unstable stream banks.

## **Glossary of Terms Used**

**Aquatic Life** – Fish, macroinvertebrate, and plant life in a waterbody.

**Channel-Altered Stream** – Waterbodies mainly located in the State’s Delta ecoregion that have been straightened for irrigation and flood control purposes.

**Hydrologic Unit Code (HUC)** – An eight digit number used to identify large sections of streams and/or rivers. Used in conjunction with the Stream Reach Identifiers.

**Macroinvertebrate** – Small aquatic organisms that live all or part of their life in the water. They are a vital part of the food chain in the stream.

**Nitrates** – A chemical in the water derived from nitrogen. Excessive nitrates in drinking water pose serious human health threats. Excessive nitrates in streams, rivers, and lakes can lead to excessive algae growth and can threaten the health of the aquatic life in those systems.

**Pathogens** – Bacteria, most commonly fecal coliforms and/or *Escherichia coli*.

**QA/QC** – Quality Assurance/Quality Control: The procedures used when sampling, analyzing, assessing, and reporting environmental data to insure that the data is scientifically defensible.

**Regulation No. 2** – Regulation Establishing Water Quality Standards For Surface Waters Of The State Of Arkansas (<http://www.adeq.state.ar.us/regs/default.htm>).

**Silt** – Very fine particles of soil that are easily transported in the water column of streams and rivers. These particles settle out onto the bottom of the streams and rivers and can impair the aquatic life of the waterbody.

**Stream Reach Identifier** – Three digit numbers used to identify distinct small portions of streams, rivers, and/or tributaries that make up larger hydrologic units.

**TMDL** - Total Maximum Daily Load: a determination of the total amount of a substance that can be present in a waterbody without adversely affecting the designated use(s) of the waterbody.

**Total Dissolved Solids (TDS)** – Those particles in the water column that exist in the dissolved form and typically do not settle out onto the bottom of the stream.

**Ultra-Clean Sampling** – A sampling technique that greatly reduces the potential for contamination from outside sources. The drawback to this sampling and analysis is that it is very expensive and labor intensive.

**Waterbody** – A stream, river, lake, reservoir, or any portion thereof being referred to.

## **Assessment Methodology for 305(b)/303(d) - 2006 Assessment**

The assessment methodology for the Integrated Report considers the most current requirements and EPA guidance for both 305(b) reporting and 303(d) listing, and essentially utilizes the same methodology for both activities.

Monitoring data establishes frequency, duration, and/or magnitude of water quality standard exceedance which may result in an impairment of a designated use. Some water quality standards factor a range of acceptable variations while other parameters set water quality preservation goals. Regulation No. 2 values are expected to be exceeded occasionally even though they may be stated as “never to exceed”. A one-time exceedance because of an anthropogenic disruption may or may not cause a designated use impact. The “never to exceed” language enables enforcement action by the Department if necessary.

The following “assessment criteria” determine designated use impairment from long-term, frequent exceedance of the water quality standards which may be linked to discernible and correctable sources. Acute, short term, impacts can be identified through evaluation of collected data.

### DATABASE

The primary database for the 2006 Integrated Water Quality Monitoring and Assessment Report is from the ADEQ (Arkansas Department of Environmental Quality) Ambient and Roving Water Quality Monitoring Networks. The networks include 149 Ambient Network stations that are sampled monthly and 147 Roving Network stations that are sampled bi-monthly. The Roving Network Stations are divided into five geographic groups and are sampled for two years on a rotating schedule. Additional data developed by ADEQ will be evaluated if the sampling frequency and duration represent actual annual ambient conditions. October 1, 2000 through September 30, 2005 is the period of record from which data was assimilated.

Agencies, entities, and institutions that collect water quality data were solicited for valid water quality and biological data to aid ADEQ in its evaluations. The data was considered if the sampling frequency and duration represented actual annual ambient conditions. Data developed as part of short term, objective-specific studies, was not used for designated use attainment determinations, but was considered if additional long-term monitoring data existed. All data used must have been collected and analyzed under a quality assurance/quality control protocol equivalent to, or more stringent than that of ADEQ or the USGS. The data must also have been analyzed pursuant to the rules outlined in the State Environmental Laboratory Certification Program Act (Act 876 of 1985 as amended).

### ASSESSMENT

ADEQ must take into consideration the possibility of one-time anthropogenic or naturally occurring disruptions that may cause exceedences of a standard, but which should not result in the listing of a stream as impaired. Exceedences resulting from *Naturally Occurring Excursions*

(NOE), or determined to be *Natural Background* conditions, as defined in Reg. 2.106, will not be assessed as impaired, provided supporting rationale is included.

Data collection follows a monthly or bimonthly sampling regime. An attainment decision will be based on percent exceedence of at least 12 samples from ADEQ's Ambient or Roving Monitoring Networks. Where other data exist that meets QA/QC requirements, that data will be evaluated on a case by case basis considering such things as period of record, number of samples, and seasonality in relationship to designated use. In cases where less than 12 samples occur, if the data indicates a potential for impairment, this stream location will be added to the Ambient Monitoring Network.

The percent exceedance criteria as shown in the Assessment Criteria tables are calculated using the total number of samples collected. The number of data points exceeding the criteria which are necessary for an assessment decision will be calculated and rounded up to the nearest whole number; e.g. 25% of 38 data points = 9.5, e.g. ten (10) exceedances equal 25%. ADEQ will use the 'round up to the next whole number' process to determine exceedences.

An evaluated assessment can be made for adjacent stream segments or streams in similar watersheds to monitored waters if there is reason to believe that the segments are similar with respect to the potential cause and magnitude of impairment. Unless documentation suggests otherwise, an evaluated assessment in the absence of data, but with general knowledge of the waterbody and watershed conditions, may be made as attainment of a use.

For lakes and reservoirs, assessments will be made from long-term trend data, collected initially in 1989 and continued on a five-year cycle, or seasonally distributed data. Lake assessments will require a minimum of four samples. Seasonally distributed data is defined as data that has been collected to analyze water quality variations during different annual lake stages, including fully mixed, partial, and complete stratification.

Turbidity will be evaluated for both primary values and storm-flows conditions. If a waterbody is not meeting either of these conditions, it will be listed as not supporting turbidity water quality standards. Primary values represent the critical season when rainfall is infrequent and is applied to June 1 through October 31. The turbidity criterion in Reg. 2.503, "Primary Values", is applicable for base flow turbidity evaluations. If four or more samples or greater than 25% of the total samples for the period of record from June 1 through October 31 exceed the primary values criterion, the waterbody will be listed as impaired for turbidity. The storm-flows assessment takes into account all ambient monitoring network sites sampled throughout the year. If greater than 20% of the total samples from the period of record, not to be less than 24, exceed the storm-flows values, the waterbody will be listed as being impaired for turbidity.

For the assessment of ambient waters, acute total ammonia nitrogen will be evaluated using Table A of Reg. 2.512, based on instream pH of the water at the time of sample collection. Chronic total ammonia nitrogen will be evaluated based on Table B of Reg. 2.512 using instream temperature and pH at the time of sample. If more than 25% of the total samples exceed the criteria in Table A or B, the segment will be assessed as not supporting aquatic life.

Metals toxicity will be evaluated using hardness values of the water at the time of sample collection. If the ambient hardness value is less than 25 mg/L, then a hardness value of 25 mg/L will be used to calculate metals toxicity, as outlined in Reg. 2.508. Acute toxicity will be assessed using a rolling 3-year average of the database. Acute toxicity will be verified if more than one violation of the acute toxicity numeric criteria occurs within a three year period. Chronic toxicity will be verified if more than 10% of the samples for a period of record exceed the calculated numeric criteria.

Mineral quality will be evaluated as follows: assessments for waterbodies with site specific criteria are made according to the specific values listed in Reg. 2.511. For those waterbodies without site specific criteria, the criteria of 250 mg/L of chlorides, 250 mg/L of sulfates, and 500 mg/L of total dissolved solids in Reg. 2.511 will apply. If greater than 10% of the total samples for the period of record for a mineral exceed the applicable criteria, the waterbody will listed as impaired for the mineral assessed. The ecoregion values described in Reg. 2.511 are used to determine whether there is a “significant modification of the water quality.” These values are not intended to be used to indicate an impairment of a waterbody. The Commission would have used the term ‘impairment’ if the ecoregion values were intended to be used for 303(d) list purposes. In accordance with Reg. 2.511, waters exceeding the ecoregion values greater than 50% of the time should be considered as candidates for a modification in accordance with Reg. 2.306.

Primary and secondary contact recreation will be evaluated using *Escherichia coli* bacteria criteria as outlined in Reg. 2.507. Fecal coliform data will only be used to determine point source discharge permit compliance. For bacteria sampling conducted during the primary contact period where it is impractical to conduct 12 sampling events, a minimum of eight (8) samples will be required to make an assessment determination. A minimum of six (6) samples, all of which must meet the standard, can be used to assess a “support” determination.

Narrative Criteria – Waters will be assessed as “non-support” when violation of any narrative water quality standard has been verified by ADEQ. Waters will be assessed as “non-support” if any associated numeric standard is violated pursuant to ADEQ’s assessment methodology.

Numeric Criteria - ADEQ will assess all waters with qualifying data as either “support” or “non- support” based on the assessment criteria in the attached ecoregion/waterbody specific criteria.

### LISTING OF WATERBODIES

The State’s waterbodies are assessed on the RF3 stream reach classification. Some stream reaches from the National Hydrological database are used to supplement the RF3 database coverage. Individual stream reaches that are assessed as not attaining their respective designated use(s) will be included on the 303(d) list. These reaches will be categorized based on the confidence level, quality assurance, quantity of the data used to make the assessment, and the following EPA derived guidance.

Designated Uses - The following parameters are most often associated with impacts on these designated uses:

<u>Designated Uses</u>	<u>Parameters</u>
Aquatic Life Use	D.O., pH, temp., turbidity/TSS, toxics, or any non-toxic compound which alters the aquatic life community structure beyond that explained in Reg. 2.405
Domestic Water Supply	Compounds which are not easily removed by drinking water treatment facilities; compounds with established secondary MCL's, e.g., Cl, SO <sub>4</sub> , TDS, NO <sub>3</sub>
Primary and Secondary Contact	<i>Escherichia coli</i>
Agriculture or	Compounds which interfere with industrial uses such Industrial Water Supply as cooling water or the water used in certain manufacturing processes; or waters unsuitable for livestock watering or crop irrigation; most often includes Cl, SO <sub>4</sub> , and TDS

Fish Consumption – The Arkansas Health Department is the responsible agency for posting fish consumption advisories in the state. Waters will be listed as “non-support” for fish consumption if a primary segment of the fish community (e.g., all predators or all largemouth bass) is recommended for non-consumption by any user group (e.g., general population or high risk groups). However, if only a consumption restriction is recommended, (e.g., no more than two meals per month or no consumption of fish over 15-inches) than these waters will not be listed as “non-support.”

Antidegradation - In compliance with the antidegradation policy, a Tier 3 waterbody will be listed as “non- support” if the water quality that existed at the time of designation has declined. For all other waters (Tier 1 and Tier 2), the listing requirements discussed above will apply.

### LISTING CATEGORIES

Category 4a Waters - Waterbodies listed in Category 4a are those waters that are not currently meeting water quality standards. A total maximum daily load (TMDL) was approved by EPA for the segment/pollutant combination prior to June 30, 2006.

Category 4b Waters - Waters listed in Table 4b below are waters where “available data and/or information indicate that at least one designated use is not met or is threatened and/or the antidegradation policy is not supported, but a TMDL is not needed” (EPA 2005). A TMDL is not needed in these instances because “the segment is expected to meet water quality standards through the implementation of alternative pathways” (EPA 2005).



The waterbodies listed below are impaired by point source dischargers. The associated point source discharger for each listing, including the facility name, the NPDES permit number, the permit expiration date, and the parameter(s) responsible (Cause) for causing the designated use impairment for each waterbody is identified.

Stream Name	HUC-Rch	Cause			Facility Name	Permit No.	Expiration Date	Compliance Date
		DO	Cu	Zn				
Mine Creek	11140109-033B	DO	Cu	Zn	Tyson Foods, Inc.	AR0041734	12/31/06	12/31/09
Holly Creek	11110109-013	Zn			Weyerhaeuser Co.	AR0002917	04/30/06	04/30/09
					City of Dierks	AR0021709	05/31/07	05/31/10
Rolling Fork	111401090919	Cu			Tyson Foods, Inc	AR0003018	10/30/09	10/31/12
Bear Creek	11140109-025	NO <sub>3</sub>			Weyerhaeuser Inc.	AR0002909	02/28/09	02/28/12
					City of DeQueen	AR0021733	12/31/07	12/31/10
Salt Creek	08040201-806	NO <sub>3</sub>	Zn	Cu	El Dorado Chemical Co.	AR0000752	06/30/07	06/30/10
Flat Creek	08040201-706							
ELCC Tr.	08040201-606							
Bayou Meto	08020402-007B	PO (Dioxin)			No current discharger.			
Short Mountain	11110202-043	Cu			City of Paris	AR0021857	07/31/10	07/31/13
Town Branch	11070208-901	NO <sub>3</sub>			City of Bentonville	AR0022403	12/31/08	12/31/11
Sager Creek	11110103-932	NO <sub>3</sub>			City of Siloam Springs	AR0020273	03/31/07	03/31/10
Hicks Creek	11010004-015	PA			City of Mountain Home	AR0021211	04/30/10	04/30/13

ADEQ will modify NPDES permit limits, in lieu of a TMDL, to address these impairments. These limits will be added at each permit renewal date, with the compliance schedule not to exceed three years from the time the new limits are issued. At that time, the permittee must comply with the applicable water quality limits, and the waterbody will be evaluated for adherence to standards.

As each individual permit is evaluated for those parameters implicated in stream impairment, corrective actions may result in alternative compliance schedules, such as requirements for implementing WER (water effects ratio) for metals toxicity. Each facility will be evaluated on a case by case basis, with corrective actions possibly being unique from each situation. New information arising from each evaluation will be addressed with the ultimate goal being stream restoration.

The upper reach of Bayou Meto is under a fish consumption advisory because of the presence of dioxin in fish tissue. The source has been eliminated and cleaned up through EPA's Superfund Program. The contamination is being addressed through natural attenuation.

U.S.EPA. 2005. Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b), and 314 of the Clean Water Act, July 29, 2005. Office of Wetlands, Oceans and Watersheds, Washington, D.C.

Category 5 Waters - Waters listed in Category 5 are waters that are currently not meeting water quality standards or assessment criteria. These waters have been divided into five categories by ADEQ for management purposes.

The waterbody segments and lakes listed in **Category 5a** are considered to be truly impaired and in need of the development of a total maximum daily load for the listed parameter or implementation of other remedial actions to correct the problem. The majority of the waterbodies are listed because of silt (turbidity) impairment. Other waterbodies are listed because of minerals, metals, nutrients, low dissolved oxygen, pH, and/or temperature.

**Category 5b** waterbodies are those not meeting current water quality standards and assessment criteria, but could be de-listed with the adoption of future Regulation No. 2 revisions. There is only one stream segment in this category.

Waterbodies listed in **Category 5c** are waters in which the data is questionable because of QA/QC procedures and require confirmation before a TMDL or other corrective action(s) is scheduled. All of the waters listed in this category are listed for metals, pH, or low dissolved oxygen concentrations.

**Category 5d** listed waters are those that need additional data verification to confirm the use impairment decision. This additional data includes either a biological community assessment or additional water quality sampling to enlarge the database to increase the confidence level of the use evaluation decision.

**Category 5e** waters are defined as those waterbodies that currently do not meet an applicable water quality standard, but the impairment is not caused by a pollutant. EPA guidance suggests that after proper documentation, these waterbodies be placed in Category 4c. However, at this time there is not any national guidance as to what “proper documentation” entails, thus leaving it up to the individual EPA Regions to decide what criteria make up “proper documentation.” As a result, the requirements for placing waters into Category 4c from one EPA Region to the next vary greatly. ADEQ will move these waters to Category 4c once the “proper documentation” has been developed to the satisfaction of EPA Region 6 personnel.

Metals contamination is the most frequently listed cause of impairment in this category. Additional sampling using clean sampling techniques may help to better determine if there are actually water quality impairments because of metals contamination. Pathogen listings using fecal coliform data are also frequently listed. Additional data collection and evaluation of the designated use utilizing *Escherichia coli* may help to better identify actual impairment caused by anthropogenic sources of pathogens.

**2006 List of Impaired Waterbodies (303(d) List) Category 4A**

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING STATIONS	ASSESS TYPE	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Year Listed	TMDL Date
													1	2	3	4	1	2	3	4		
Dorcheat Bayou	11140203	-022	1A	8.4	RED0015A	M	N						UN				HG				1998	2002
Dorcheat Bayou	11140203	-020	1A	11.9		E	N						UN				HG				1998	2002
Dorcheat Bayou	11140203	-026	1A	23.3	UWBBDT01,02	M	N						UN				HG				1998	2002
Dorcheat Bayou	11140203	-024	1A	7.0		E	N						UN				HG				1998	2002
Days Creek	11140302	-003	1B	11.0	RED0004A	M				N			MP				NO3				1998	2006
Rolling Fork	11140109	-919	1C	12.8	RED0058	M		N					IP	IP			NO3	TP			2002	2006
Beouf River	8050001	-018	2A	49.4	OUA0015A	M		N					AG	AG			SI	SO4			1998	2005
Oak Bayou	8050002	-010U	2A	18.3	OUA0179	M		N			N	N	AG	AG	AG		SI	CL	TDS		2002	2005
B. Bartholomew	8040205	-001	2B	60.1	OUA0013	M		N					AG				SI				1998	2003
B. Bartholomew	8040205	-002	2B	17.9	OUA0154	M						N	UN				HG				1998	2002
B. Bartholomew	8040205	-002	2B		UWBYB01	M	N	N					UN	AG			HG	SI			1998	2002/03
Deep Bayou	8040205	-005	2B	28.9	OUA0151	M		N					AG				SI				2002	2003
B. Bartholomew	8040205	-006	2B	82.3	OUA0033	M		N					AG				SI				1998	2002
Cutoff Creek	8040205	-007	2B	16.8	UWCOC01	M	N						UN				HG				1998	2002
B. Bartholomew	8040205	012U	2B	82.7	UWBYB02	M		N					AG				SI				1998	2003
B. Bartholomew	8040205	-013	2B	33.9	UWBYB03	M		N					AG				SI				1998	2003
B. Bartholomew	8040205	-012	2B	25	UWBYB02	M	N	N					UN	AG			HG	SI			1998	2002/03
Saline River	8040203	-001	2C	0.2	OUA0010A,117	E	N						UN				HG				1998	2002
Saline River	8040204	-001	2C	2.8		M	N						UN				HG				1998	2002
Saline River	8040204	-002	2C	53		M	N						UN				HG				1998	2002
Saline River	8040204	-004	2C	16.4		M	N						UN				HG				1998	2002
Saline River	8040204	-006	2C	17.5	OUA0118	M	N						UN				HG				1998	2002
Ouachita River	8040202	-002	2D	51.8	OUA0008B	M	N						UN				HG				1998	2002
Ouachita River	8040202	-003	2D	8.4		M	N						UN				HG				1998	2002
Ouachita River	8040202	-004	2D	49.2	OUA0124B	M	N						UN				HG				1998	2002
Moro Creek	8040201	-001L	2D	54.4	OUA0028	M	N						UN				HG				1998	2002
Ouachita River	8040201	-002	2D	22.5	OUA0008B	M	N						UN				HG				1998	2002
Ouachita River	8040201	-004	2D	2.5	OUA0037	M	N						UN				HG				1998	2002
L. Champagnolle Cr.	8040201	-003	2D			M	N						UN				HG				1998	2002
Champagnolle	8040201	-003L	2D	20	UWCHC01	M	N						UN				HG				1998	2002
Elcc Trib.	8040201	-606	2D	8.5	OUA0137A+	M		N		N			IP	IP	IP	IP	AM	CL	SO4	TDS	1998	2002
Flat Creek	8040201	-706	2D	16.0	OUA0137C	M		N		N			RE				CL	TDS			1998	2003
Flat Creek	8040201	-706	2D			M		N		N			RE				SO4				1998	2003
Salt Creek	8040201	-806	2D	8.0	OUA0137D	M		N		N			RE				CL				1998	2003
Salt Creek	8040201	-806	2D			M		N		N			RE				TDS				1998	2003
Fourche LaFave	11110206	-002	3E	8.7		M	N						UN				HG				1998	2002
White Oak Creek	11110203	-927	3F	10.0	ARK0053	M		N					UN				SI				2002	2006
Stone Dam Creek	11110203	-904	3F	3	ARK0051	M		N		N			MP	MP			AM	NO3			1998	2003
Whig Creek	11110203	-931	3F	10	ARK0067	M		N		N			MP				NO3				1998	2001
Whig Creek	11110203	-931	3F			M		N		N			MP				Cu				1998	2003
Poteau River	11110105	-001	3I	2.0	ARK0014	M		N					SE				SI				1998	2006
Poteau River	11110105	-031	3I	6.6	ARK0055	M		N					IP	MP			Cu	Zn	TP		1998	2006
Cache River	8020302	-032	4B	11.4		E		N					AG				SI				2002	2006
Cache River	8020302	-031	4B	3.4		E		N					AG				SI				2002	2006
Cache River	8020302	-029	4B	3.9		E		N					AG				SI				2002	2006
Cache River	8020302	-028	4B	5.9	UWCHR04	M		N					AG				SI				2002	2006

### 2006 List of Impaired Waterbodies (303(d) List) Category 4A

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING STATIONS	ASSESS TYPE	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Year Listed	TMDL Date
													1	2	3	4	1	2	3	4		
Cache River	8020302	-027	4B	3.9		E		N					AG				SI				2002	2006
S. Fk. L. Red River	11010014	-036	4E			M	N						UN				HG				2002	2002
Strawberry River	11010012	-011	4G	20.4	UWSBR01	M		N					SE				SI				1998	2006
L. Strawberry River	11010012	-010	4G	16.0	WHI0143H+	M		N					SE				SI				2002	2006
Strawberry River	11010012	-009	4G	28.4	UWSBR02	M		N					SE				SI				2002	2006
Strawberry River	11010012	-008	4G	8.4		E		N					SE				SI				2002	2006
Strawberry River	11010012	-006	4G	19.0	WHI0024	M		N					SE				SI				1998	2006
Strawberry River	11010012	-005	4G	0.7		E		N					SE				SI				2002	2006
Strawberry River	11010012	-004	4G	0.3		E		N					SE				SI				2002	2006
Strawberry River	11010012	-002	4G	9.4	UWSBR03	M		N					SE				SI				2002	2006
West Fork	11010001	-024	4K	27.2	WHI0051	M		N					SE				SI				1998	2006
White River	11010001	-023	4K	6.2	WHI0052	M		N					SE				SI				1998	2006
Holman Creek	11010001	-059	4K	9.1	WHI0070	M						N	MP				NO <sub>3</sub>				1998	2001
L'Anguille River	8020205	-001	5B	19.7	FRA0010	M		N					AG				SI				1998	2002
L'Anguille River	8020205	-002	5B	16.8		E		N					AG				SI				1998	2002
L'Anguille River	8020205	-003	5B	1.8		E		N					AG				SI				1998	2002
L'Anguille River	8020205	-004	5B	16.0	UWLGR01	M		N	N				AG	AG			SI	PA			1998	2002
L'Anguille River	8020205	-005	5B	44.1	UWLGR02	M		N	N				AG	AG			SI	PA			1998	2002

LAKE NAME	HUC	LAKE TYPE	PLNG SEG	ACRES	COUNTY	ASSESS	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Year Listed	TMDL DATE
													1	2	3	4	1	2	3	4		
Columbia	11140203	E	1A	2950	Columbia	M	N	S	S	S	S	S	UN				HG				2002	2002
First Old River	11140201	D	1B	200	Miller	M		N					UN				NU				2004	2007
Grand	8050002	E	2A	1400	Chicot	M		N					UN				NU				2004	2007
Grays	8040204	NC	2C	36	Cleveland	M	N	S	S	S	S	S	UN				HG				2002	2004
Monticello	8040204	B	2C	1520	Drew	M	N	S	S	S	S	S	UN				HG				2002	2004
Winona	8040203	A	2C	1240	Saline	M	N	S	S	S	S	S	UN				HG				2002	2002
Ouachita River Oxbows below Camden	8040202		2D		Ashley, Calhoun, Union, Bradley, Ouachita	M	N	S	S	S	S	S	UN				HG				2002	2002
Big Johnson	8040201	NC	2D	49	Calhoun	M	N	S	S	S	S	S	UN				HG				2002	2004
Felsenthal	8040202	E	2D	14,000	Bradley	M	N	S	S	S	S	S	UN				HG				2002	2004
Cove Creek	11110202	B	3H	160	Logan	M	N	S	S	S	S	S	UN				HG				2002	2002
Nimrod	11110206	E	3E	3600	Yell	M	N	S	S	S	S	S	UN				HG				2002	2002
Dry Fork	11110206		3E		Perry	M	N	S	S	S	S	S	UN				HG				2002	2002
Horseshoe	8020203	E	4A	1200	Crittenden	M		N					UN				NU				2004	2007
Frierson	8020302	C	4B	335	Greene	M		N					UN				SI				2004	2007
Johnson Hole	11010014	A	4E		Van Buren	M	N	S	S	S	S	S	UN				HG				2002	2002
Spring	11110204	B	3G	82	Yell	M	N	S	S	S	S	S	UN				HG				2002	2004
Old Town	8020302	D	5A	900	Phillips	M		N					UN				NU				2004	2007
Bear Creek	8020205	C	5B	625	Lee	M		N					UN				NU				2004	2007
Mallard	8050002	D	5C	300	Mississippi	M		N					UN				NU				2004	2007

**2006 List of Impaired Waterbodies (303(d) List) - Category 4B**

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING STATIONS	ASSESS TYPE	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Category	Priority
													1	2	3	4	1	2	3	4		
Mine Creek	11140109	-033B	1C	1.3	RED0048B	M		N					IP				DO	CU	Zn		4b	H
Holly Creek	11140109	-013	1C	6.2	RED0034B	M		N					MP	IP			Zn				4b	H
Rolling Fork	11140109	-919	1C	12.8	RED0058	M		N					IP				Cu				4b	H
Bear Creek	11140109	-025	1C	17.3	RED0033	M					N		MP				NO3				4b	H
Big Creek	8040203	-904	2C	10.0	OUA0018	M		N					MP	MP			NO3	TP			4b	H
Salt Creek	8040201	-806	2D	8.0	OUA0137D	M		N					IP				Cu				4b	H
Flat Creek	8040201	-706	2D	16.0	OUA0137C	M		N					IP	IP			Cu	Zn			4b	H
Elcc Trib.	8040201	-606	2D	8.5	OUA0137A+	M		N			N		IP	IP	IP		NO3	Cu	Zn		4b	H
Bayou Meto	8020402	-007B	3B	44.8	ARK0050	M	N	N					IP	IP			PO	Zn			4b	H
Short Mountain Cr	11110202	-043	3H	14.9	ARK0011B	M		N					MP				Cu				4b	H
Town Branch	11070208	-901	3J	3.0	ARK0056	M		N					MP				TP				4b	H
Sager Creek	11110103	-932	3J	8.0	ARK0005	M					N		MP				NO3				4b	H
Hicks Creek	11010004	-015	4F	9.1	WHI0065	M			N				MP				PA				4b	H

### 2006 List of Impaired Waterbodies (303(d) List) - Category 5 Streams

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING STATIONS	ASSESS TYPE	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Category	Priority
													1	2	3	4	1	2	3	4		
Dorcheat Bayou	11140203	-026L	1A	11.7	UWBBDT02	M							UN				pH				5e	L
Dorcheat Bayou	11140203	-022	1A	8.4	RED0015A	M						N	UN	UN	UN	SE	SO4	TDS	Pb	SI	5d	L
Dorcheat Bayou	11140203	-022	1A	8.4	RED0015A	M							UN				pH				5e	L
Dorcheat Bayou	11140203	-020	1A	11.9		E						N	UN	UN	UN	SE	SO4	TDS	Pb	SI	5d	L
Dorcheat Bayou	11140203	-020	1A	11.9		E							UN				pH				5e	L
Dorcheat Bayou	11140203	-024	1A	7.0		E							UN				pH				5e	L
Bodcau Creek	11140205	-006	1A	22.4	RED0027	M		N					UN	UN	SE		Zn	Pb	SI		5d	M
Bodcau Creek	11140205	-006	1A	22.4	RED0027	M							UN				pH				5e	L
Bodcau Creek	11140205	-002	1A	6.0		E		N					UN	UN	SE		Zn	Pb	SI		5d	M
Bodcau Creek	11140205	-002	1A	6.0		E							UN				pH				5e	L
Red River	11140106	-025	1B	8.0		E							UN				CL				5e	L
Red River	11140106	-005	1B	25.3	RED0025	M							UN				CL				5e	L
Red River	11140106	-003	1B	9.8		E							UN				CL				5e	L
Red River	11140106	-001	1B	34.8		E							UN				CL				5e	L
McKinney Bayou	11140201	-014	1B	21.6	RED0055	M							UN	UN			TDS	SO4			5e	L
McKinney Bayou	11140201	-012	1B	23.1	RED0054	M							UN	UN			TDS	SO4			5e	L
Red River	11140201	-011	1B	15.2	RED0046	M							UN				TDS				5e	L
Red River	11140201	-007	1B	40.1	RED0045	M							UN				TDS				5e	L
Red River	11140201	-005	1B	12.0		E							UN				TDS				5e	L
Red River	11140201	-004	1B	4.0		E							UN				TDS				5e	L
Red River	11140201	-003	1B	15.5	RED0009	M							UN				TDS				5e	L
Mountain Fork	11140108	-014	1D	11.0	RED0001	M							UN				Tem				5e	L
Sulphur River	11140302	-001	1B	6.3		E							UN				Tem				5e	L
Sulphur River	11140302	-002	1B	8.5		E							UN				Tem				5e	L
Sulphur River	11140302	-008	1B	0.8		E		N					SE				SI				5a	H
Sulphur River	11140302	-008	1B	0.8		E							UN				Tem				5e	L
Sulphur River	11140302	-006	1B	6.5	RED0005	M		N					SE				SI				5a	H
Sulphur River	11140302	-006	1B	6.5	RED0005	M							UN				Tem				5e	L
Sulphur River	11140302	-004	1B	0.7		E		N					SE				SI				5a	H
Sulphur River	11140302	-004	1B	0.7		E							UN				p				5e	L
Days Creek	11140302	-003	1B	11.0	RED0004A	M				N			SE	UN			SI	Pb			5a	H
Sulphur River	11140302	-002	1B	8.5		E		N					SE				SI				5a	H
Sulphur River	11140302	-001	1B	6.3		E		N					SE				SI				5a	H
Oak Bayou	8050002	-010U	2A	18.3	OUA0179	M		N			N	N	AG				TDS				5a	L
Chemin-A-Haut Cr.	8040205	-907	2B	30.5	OUA0012	M				N			UN				PA				5d	M
Cross Bayou	8040205	-905	2B	2.4	OUA0152	M							UN		N		PA				5d	M
Main Street Ditch	8040205	-909	2B	2.0	OUA0146	M		N					UR	UR			Cu	Pb			5d	M
Melton's Creek	8040205	-903	2B	8.7	OUA0148	M							UN		N		PA				5d	M
Melton's Creek	8040205	-903	2B	8.7	OUA160	M							UN				DO				5e	L
Main Street Ditch	8040205	-909	2B	2.0	OUA0146	M							UN				DO				5e	L
Harding Creek	8040205	-902	2B	4.6	OUA0145	M		N					UR	UR	UR	UR	PA	Cu	Pb	Zn	5d	M
Bayou Imbeau	8040205	-910	2B	7.5	OUA0147	M		N					UR				Pb				5d	M
Bayou Imbeau	8040205	-910	2B	7.5	OUA0147	M							UN				DO				5e	L
Able's Creek	8040205	-911	2B	14.6	OUA0158	M		N			N		UN	SE			Be	SI			5d	M
Bearhouse Creek	8040205	-901	2B	24.4	OUA0155	M		N		N			UN	UN	UN		PA	Pb			5d	M
Bearhouse Creek	8040205	-901	2B	22.4		M							UN				DO				5e	L
B. Bartholomew	8040205	-013	2B	33.9	UWBYB03	M				N			AG	AG	AG		CL	TDS	PA	DO	5d	M

### 2006 List of Impaired Waterbodies (303(d) List) - Category 5 Streams

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING STATIONS	ASSESS TYPE	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Category	Priority
													1	2	3	4	1	2	3	4		
Cut-Off Creek	8040205	-007	2B	16.8	UWCOC01	M		N					UN				SI				5d	M
Cut-Off Creek	8040205	-007	2B	16.8	OUA0157	M							UN				DO				5e	L
B. Bartholomew	8040205	-006	2B	82.3	OUA0033	M		N					AG				Pb				5d	M
B. Bartholomew	8040205	-006	2B	82.3	OUA0033	M							UN				DO				5e	L
Deep Bayou	8040205	-005	2B	28.9	OUA0151	M			N				AG				PA				5d	M
Jack's Bayou	8040205	-904	2B	6.0	OUA0150	M							UN				DO				5e	L
B. Bartholomew	8040205	-002	2B	17.9	OUA0154	M		N				N	AG				CL				5d	M
B. Bartholomew	8040205	-002	2B	17.9	OUA0154	M							UN				DO				5e	L
B. Bartholomew	8040205	012U	2B	82.7	UWBYB02	M		N				N	AG	AG			CL	TDS			5d	M
B. Bartholomew	8040205	012U	2B	82.7	UWBYB02	M							UN				DO				5e	L
B. Bartholomew	8040205	-001	2B	60.1	OUA0013	M						N	UN				Pb				5b	M
Wolf Creek	8040205	-701	2B	10.8	OUA0156	M		N					UN				DO				5f	L
Overflow Creek	8040205	-908	2B	9.9	OUA0012A	M		N					UN	UN			SI	CL			5d	M
Chemin-A-Haut Cr	8040205	-907	2B	30.5	OUA0012	M							UN				DO				5e	L
Saline River	8040203	-007	2C	3.8	OUA0042	M					N		UN				Be				5d	L
Saline River	8040203	-010	2C	29.8	OUA0026,41	M		N					SE	UN	UN		SI	TDS	SO4		5a	H
Big Creek	8040203	-904	2C	10.0	OUA0018	M		N					SE				SI				5a	H
Big Creek	8040203	-904	2C			M		N			N		UN	UN	UN	UN	Pb	DO	Be	pH	5c	L
Saline River	8040204	-006	2C	17.5	OUA0118	M					N	N	UN	UN			Be	TDS			5d	L
Big Creek	8040204	-005	2C	28.9	OUA0043	M		N			N		SE	UN			SI	Be			5d	L
Saline River	8040204	-004	2C	16.4		E		N					UN	UN			Zn	Cu			5d	L
Saline River	8040204	-002	2C	53	OUA0010A+	M		N					UN	UN			Zn	Cu			5d	L
Saline River	8040204	-001	2C	2.8		E		N					UN	UN			Zn	Cu			5d	L
Smackover Creek	8040201	-007	2D	29.1		E		N					SE	UN			SI	DO			5a	M
Smackover Creek	8040201	-007	2D			E		N					IP	IP			Zn	Pb			5d	L
Smackover Creek	8040201	-006	2D	14.8	OUA0027	M		N					SE	UN			SI	DO			5a	M
Smackover Creek	8040201	-006	2D			M		N					IP	IP			Zn	Pb			5d	L
Ouachita River	8040201	-005	2D	34.2	OUA0037	M		N					UN	UN			Cu	Zn			5d	L
Moro Creek	8040201	-001L	2D	12.0	OUA0028	M		N					SE				SI				5a	H
Moro Creek	8040201	-001L	2D			M		N					UN	UN			Pb	Zn			5d	L
Moro Creek	8040201	-001U	2D	57.9		E		N					SE				SI				5a	H
Moro Creek	8040201	-001U	2D			E		N					UN	UN			Pb	Zn			5d	L
Bayou De L'Outre	8040202	-008	2D	10.6		E		N					RE/IP/MP				Pb	Zn			5d	M
Bayou De L'Outre	8040202	-008	2D			E						N	RE/IP/MP				TDS	SO4			5d	M
Bayou De L'Outre	8040202	-007	2D	6.9		E		N					RE/IP/MP				Pb	Zn			5d	M
Bayou De L'Outre	8040202	-007	2D			E						N	RE/IP/MP				TDS	SO4			5d	M
Bayou De L'Outre	8040202	-006	2D	32.4	OUA0005	M		N					RE/IP/MP				Pb	Zn			5d	M
Bayou De L'Outre	8040202	-006	2D			M						N	RE/IP/MP				TDS	SO4			5d	M
Ouachita River	8040202	-004	2D	28.9	OUA0124B	M		N					UN				Zn				5d	L
Ouachita River	8040202	-002	2D	4.0	OUA0008B	M		N					UN				Zn				5d	L
Walker Branch	8040206	-916	2E	3.0		E		N					RE				Zn				5c	M
Walker Branch	8040206	-916	2E			E						N	RE				SO4				5d	M
Little Cornie Bayou	8040206	-816	2E	3.0		E		N					RE				Zn				5c	M
Little Cornie Bayou	8040206	-816	2E			E						N	RE				SO4				5d	M
Little Cornie Bayou	8040206	-716	2E	5.0		E		N					RE				Zn				5c	M
Little Cornie Bayou	8040206	-716	2E			E						N	RE				SO4				5d	M
Little Cornie Creek	8040206	-016	2E	18.0		E		N					RE				Zn				5c	M
Little Cornie Creek	8040206	-016	2E			E						N	RE				SO4				5d	M

### 2006 List of Impaired Waterbodies (303(d) List) - Category 5 Streams

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING STATIONS	ASSESS TYPE	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Category	Priority
													1	2	3	4	1	2	3	4		
Big Cornie Creek	8040206	-015	2E	15.0	OUA0002	M						N	RE				Zn				5c	M
Big Cornie Creek	8040206	-015	2E			M		N					RE	UN			SO4	Be			5d	M
Cove Creek	8040102	-902B	2F	9.6	OUA0159	M		N				N	RE	RE	RE		pH	SO4	TDS		5a	H
Cove Creek	8040102	-902B	2F		OUA0159	M						N	RE	RE	RE		Be	Cu	Zn		5a	H
Chamberlain Creek	8040102	-501	2F	2.5	OUA0104	M		N				N	RE	RE	RE	RE	pH	Cl	SO4	TDS	5a	H
Chamberlain Creek	8040102	-501	2F			M		N				N	RE	RE	RE	RE	Cd	Cu	Zn	Be	5a	H
Lucinda Creek	8040102	-500	2F	2.2	OUA0171B	M		N				N	RE	RE	RE	RE	pH	SO4	Zn	Be	5a	H
Ouachita River	8040102	-007	2F	14.5	OUA0006	M						N	UN				Be				5d	L
Prairie Creek	8040101	-048	2F	10.0	OUA0040	M		N					SE				SI				5d	M
S. Fork Caddo	8040102	-023	2F	16.6	OUA0044	M		N					RE	RE			Cu	Zn			5a	H
Caddo River	8040102	-019	2F	7.7		E		N					RE				Zn				5c	L
Caddo River	8040102	-018	2F	4.1		E		N					RE				Zn				5c	L
D.C. Creek	8040102	-923	2F	5.0	OUA0044T	M						N	RE				Be				5d	L
Caddo River	8040102	-016	2F	13.5	OUA0023	M		N					RE				Zn				5c	L
Caddo River	8040102	-016	2F			M						N	RE				Be				5d	L
L. Missouri River	8040103	-008	2G	19.6	OUA0035	M		N					SE	UN			SI	Cu			5d	L
L. Missouri River	8040103	-022	2G	17.6	OUA0022	M		N					UN				Zn				5d	L
Wabbaseka Bayou	8020401	-003	3A	101.7	UWWSB01	M							UN				DO				5e	L
Bayou Two Prairie	8020402	-006	3B	44.7	ARK0097	M							UN				DO				5e	L
Bayou Meto	8020402	-003	3B	39.8	ARK0023	M							UN				DO				5e	L
Bayou Meto	8020402	-001	3B	4.3		E							UN				DO				5e	L
Bayou Meto	8020402	-007A	3B	12.3	ARK0060	M							UN				DO				5e	L
Arkansas River	11110207	-001	3C	6.7	ARK0048	M						N	UN				Be				5d	L
Fourche Creek	11110207	-024	3C	11.2	ARK0130+	M		N					UN				DO				5c	L
Fourche Creek	11110207	-024	3C		ARK0147C	M						N	UN				Be				5d	L
Fourche Creek	11110207	-022	3C	9.2	ARK0131+	M		N					SE				SI				5a	H
Fourche Creek	11110207	-022	3C			M		N					UN				DO				5c	L
Fourche Creek	11110207	-022	3C			M		N					UN	UN			Pb	Zn			5d	L
Cypress Creek	11110205	-017A	3D	11.2	ARK0132	M		N					AG	AG			Cu	Zn			5d	L
S. Fourche LaFave	11110206	-014	3E	26.1	ARK0052	M							UN				DO				5e	L
S. Fourche LaFave	11110206	-013	3E	10.3		E							UN				DO				5e	L
Fourche LaFave R.	11110206	-007	3E		ARK0037	M							UN				DO				5e	L
Fourche LaFave R.	11110206	-007	3E	20.2	ARK0037	M		N					UN				SI				5a	H
Arkansas River	11110203	-031U	3F	2.0		M		N					HP				DO				5a	H
Arkansas River	11110203	-031L	3F	9.4	ARK0032	M							UN				TDS				5e	L
Arkansas River	11110203	-030	3F	5.1		E							UN				TDS				5e	L
Arkansas River	11110203	-028	3F	1.2		E							UN				TDS				5e	L
Arkansas River	11110203	-027	3F	9.9		E							UN				TDS				5e	L
Arkansas River	11110203	-026	3F	2.6	ARK0031	M							UN				TDS				5e	L
Petit Jean River	11110204	-011	3G	21.6	ARK0034	M						N	UN				Be				5d	L
Dutch Creek	11110204	-015	3G	28.9	ARK0057	M							UN				DO				5e	L
Chickalah Creek	11110204	-002	3G	19.3	ARK0058	M							UN				DO				5e	L
Arkansas River	11110201	-001	3H	12.4	ARK0033	M							UN				TDS				5e	L
Mulberry River	11110201	-009	3H	9.1	ARK0138	M							UN				pH				5e	L
Poteau River	11110105	-031L	3I	6.6	ARK0055	M						N	IP	MP			TDS				5a	H
Clear Creek	11110103	-029	3J	13.5	ARK0010C	M				N			UR				PA				5d	L
Boat Gunwale Slash	8020304	-914	4A	5.0	WHI0074	M							UN				DO				5e	L



### 2006 List of Impaired Waterbodies (303(d) List) - Category 5 Streams

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING STATIONS	ASSESS TYPE	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Category	Priority	
													1	2	3	4	1	2	3	4			
Prairie Cypress	8020304	-014	4A	26.1	WHI0073	M							UN					DO				5e	L
Prairie Cypress	8020304	-014	4A	26.1	WHI0073	M		N					AG					Pb				5d	L
Big Creek	8020304	-010	4A	34.3	UWBG03	M						N	AG	AG				CL	TDS			5d	L
Cache River	8020302	-032	4B	11.4		E		N					AG	AG				Pb	TDS			5d	L
Cache River	8020302	-031	4B	3.4		E		N					AG	AG				Pb	TDS			5d	L
Cache River	8020302	-029	4B	3.9		E		N					AG	AG				Pb	TDS			5d	L
Cache River	8020302	-028	4B	5.9	UWCHR04	M		N					AG	AG				Pb	TDS			5d	L
Cache River	8020302	-027	4B	3.9		E		N					AG	AG				Pb	TDS			5d	L
Cache River	8020302	-021	4B	18.4		E		N					AG					Pb				5d	L
Cache River	8020302	-020	4B	22.6	UWCHR03	M		N					AG					Pb				5d	L
Cache River	8020302	-019	4B	13.7		E		N					AG					Pb				5d	L
Cache River	8020302	-018	4B	25.0	UWCHR02	M		N					AG					Pb				5d	L
Cache River	8020302	-017	4B	15.8		E		N					AG					Pb				5d	L
Cache River	8020302	-016	4B	21.8	WHI0032	M		N					AG					Pb				5d	L
Bayou DeView	8020302	-009	4B	20.3	WHI0026	M		N				N	AG	MP				TDS	CL			5a	H
Bayou DeView	8020302	-009	4B			M		N					MP	MP	MP	MP		Al	Cu	Pb	Zn	5d	L
Bayou DeView	8020302	-007	4B	18.2		E		N					AG					Pb				5d	L
Bayou DeView	8020302	-006	4B	10.2		E		N					AG					Pb				5d	L
Bayou DeView	8020302	-005	4B	8.6		E		N					AG					Pb				5d	L
Bayou DeView	8020302	-004	4B	21.2	UWBDV02	M		N					AG					Pb				5d	L
Lost Creek Ditch	8020302	-009U	4B	7.9	WHI0172	M		N			N		IP	IP	IP	UN		Cu	Pb	Zn	Be	5d	M
Departee Creek	11010013	-020	4C	46.1	UWDTC01	M		N					AG					Zn				5d	L
Glaise Creek	11010013	-021	4C	30.1	UWGSC01	M		N					AG					Zn				5d	L
Village Creek	11010013	-008	4C	13.0		E							UN					DO				5e	L
Village Creek	11010013	-007	4C	1.2		E							UN					DO				5e	L
Village Creek	11010013	-006	4C	25.2	UWVGC01+	M							UN					DO				5e	L
Wattensaw Bayou	8020301	-015	4D	48.2	WHI0072	M							UN					DO				5e	L
Cypress Bayou	8020301	-010	4D	5.0	UWCPB01	M		N					AG					Pb				5d	L
Bull Bayou	8020301	-009	4D	29.0	UWBLB01	M		N					AG					Zn				5d	L
Bayou Des Arc	8020301	-007	4D	36.4	UWBDA01	M		N					AG					Zn				5d	L
Bayou Des Arc	8020301	-006	4D	17.8	WHI0056	M		N					AG					Zn				5d	L
M. Fk. Little Red	11010014	-028	4E	12.0		E		N	N				UN	UN				PA	DO			5d	H
M. Fk. Little Red	11010014	-027	4E	8.8	WHI0043	M		N	N				UN	UN				PA	DO			5d	H
Overflow Creek	11010014	-006	4E	21.7	UWOFC01	M		N					AG					Zn				5d	L
Overflow Creek	11010014	-004	4E	0.6		E		N					AG					Zn				5d	L
North Fork River	11010006	-001	4F	4.2	USGS	M		N					HP					DO				5a	H
White River	11010004	-014	4F	4.7	WHI0046	M							UN					Temp				5e	L
Greenbrier Creek	11010014	-017	4F	10.6	WHI0167	M		N					UN					DO				5d	L
Black River	11010007	-002	4G	22.7	WHI0003	M		N					UN					DO				5c	L
Black River	11010007	-001	4G	24.2		E		N					UN					DO				5c	L
Current River	11010008	-017	4G	12.0		E		N					UN					DO				5c	M
Current River	11010008	-017	4G	12.0		E		N					SE					SI				5a	M
Current River	11010008	-001	4G	23.6	WHI0004	M		N					UN					DO				5c	M
Current River	11010008	-001	4G	23.6	WHI0004	M		N					SE					SI				5a	M
Black River	11010009	-005	4G	17.5	WHI0025	M		N					AG					DO				5c	L
Fourche River	11010009	-008	4G	25.0	WHI0170	M		N					SE					SI				5d	L
Strawberry River	11010012	-006	4G	19.0	WHI0024	M		N					AG					DO				5d	M
Spring River	11010010	-003	4H	9.4	WHI0021	M		N					UN					DO				5c	M

### 2006 List of Impaired Waterbodies (303(d) List) - Category 5 Streams

STREAM NAME	HUC	RCH	PLNG SEG	MILES	MONITORING ASSESS		FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	SECONDARY CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Category	Priority
					STATIONS	TYPE							1	2	3	4	1	2	3	4		
Spring River	11010010	-003	4H		WHI0021	M		N					SE				SI				5d	M
Spring River	11010010	-007	4H	4.0		E							UN				Tem				5e	L
Spring River	11010010	-006	4H	5.3	WHI0022	M							UN				Tem				5e	L
Warm Fork Spring	11010010	-008t	4H	3.1	WHI0006A	M		N			N		UN	UN			DO	TDS			5d	M
Eleven Point River	11010011	-001	4H	33.1	WHI0005B	M		N					UN				DO				5c	M
Crooked Creek	11010003	-048	4I	31.7	WHI0048A	M		N					RE				Tem				5a	L
Crooked Creek	11010003	-048	4I	31.7	WHI0048A	M							UN				TDS				5e	L
Crooked Creek	11010003	-049	4I	36.2	WHI0067	M							UN	UN	UN		TDS	CL	Be		5e	L
White River	11010003	-002U	4I	3.0	USGS	M		N					HP				DO				5a	H
Bear Creek	11010003	-045	4I	25.9	WHI0174	M				N			UN				Be				5d	L
Bear Creek	11010005	-026	4J	23.9	UWBRK01+	M					N		MP				TDS				5d	L
Buffalo River	11010005	-001	4J	11.3	BUFR09	M							UN				Tem				5e	L
Buffalo River	11010005	-005	4J	6.9	WHI0049A	M		N					UN				DO				5c	M
Richland Creek	11010005	-024	4J	28.7	BUFT09	M							UN				Tem				5e	L
Holman Creek	11010001	-059	4K	9.1	WHI0070	M				N	N		MP				TDS				5a	L
Kings River	11010001	-037	4K	19.1	WHI0009A	M					N		UN				TDS				5d	L
Kings River	11010001	-042	4K	39.5	WHI0123	M				N	N		UN	UN			Be	TDS			5d	L
Dry Fork Creek	11010001	-043	4K	16.5	WHI0127	M				N			UN				Be				5d	L
Osage Creek	11010001	-047	4K	13.4	WHI0130	M				N			UN				Be				5d	L
Yocum Creek	11010001	-052	4K	16.2	WHI0137	M				N			UN				Be				5d	L
White River	11010001	-027L	4K	23.8	WHI0106	M		N			N		UN	UN			DO	Be			5d	H
White River	11010001	-023	4K	6.2	WHI0052	M							UN	UN	UN		TDS	CL	SO4		5e	M
West Fork	11010001	-024	4K	27.2	WHI0051	M		N			N		UN				DO				5a	M
West Fork	11010001	-024	4K	27.2	WHI0051	M							UN	UN			SO4	TDS			5e	M
M. F. White River	11010001	-026L	4K	8.1	WHI0103	M		N					UN				DO				5d	M
War Eagle Creek	11010001	-034	4K	22.2	WHI0116	M				N			UN				Be				5d	M
St. Francis River	8020203	-014	5A	22.8	FRA0008	M		N					UN				DO				5c	L
St. Francis River	8020203	-014	5A			M		N			N		UN	UN	UN		Cu	CL	Be		5d	L
St. Francis River	8020203	-009	5A	17.1		E		N					AG				CL				5d	L
St. Francis River	8020203	-008	5A	55.9	FRA0013	M		N					AG				CL				5d	L
Ten Mile Bayou	8020203	-006t	5A	17.3	FRA0029	M		N					UN				DO				5f	L
Caney Creek	8020203	-901	5B	9.0	FRA0034	M					N		MP				TDS				5b	L
Second Creek	8020205	-008	5B	16.4	FRA0012	M		N					AG				DO				5c	L
L' Anguille River	8020205	-005	5B	44.1	UWLGR02	M					N		AG	AG	AG		CL	SO4	TDS		5a	L
L' Anguille River	8020205	-005	5B			M		N					AG				Pb				5d	L
L' Anguille River	8020205	-005	5B	44.1	UWLGR02	M							UN				DO				5e	L
L' Anguille River	8020205	-004	5B	16.0	UWLGR01	M					N		AG	AG			CL	TDS			5a	L
L' Anguille River	8020205	-004	5B			M		N					AG				Pb				5d	L
L' Anguille River	8020205	-004	5B	16.0	UWLGR01	M							UN				DO				5e	L
L' Anguille River	8020205	-003	5B	16.8		E					N		AG	AG			CL	TDS			5a	L
L' Anguille River	8020205	-003	5B	1.8		E							UN				DO				5e	L
L' Anguille River	8020205	-002	5B	1.8		E					N		AG	AG			CL	TDS			5a	L
L' Anguille River	8020205	-002	5B	16.8		E							UN				DO				5e	L
L' Anguille River	8020205	-001	5B	19.7	FRA0010	M					N		AG	AG			CL	TDS			5a	L
L' Anguille River	8020205	-001	5B	19.7	FRA0010	M							UN				DO				5e	L
Prairie Creek	8020205	-901	5B	12.8	FRA0035	M					N		AG	AG	AG		CL	SO4	TDS		5d	L

**2006 List of Impaired Waterbodies (303(d) List) - Category 5 Lakes**

LAKE NAME	HUC	LAKE TYPE	PLNG SEG	ACRES	COUNTY	ASSESS	FISH COMSUMP	AQUATIC LIFE	PRIMARY CONTACT	ECONDAR CONTACT	DRINKING WATER	AGRI & INDUSTRY	SOURCE				CAUSE				Category	Priority	
													1	2	3	4	1	2	3	4			
Earling	11140205	E	1A	7000	Lafayette	M					N		UN					Be				5d	L
Columbia	11140203	E	1A	2950	Columbia	M					N		UN					Be				5d	L
Millwood	11140109	E	1C	29,500	Little River	M					N		UN					Be				5d	L
DeQueen	1114109	A	1C	1680	Sevier	M					N		UN					Be				5d	L
Cox Creek	8040203	C	2C	300	Grant	M		N					UN					UN*				5d	L
DeGray	8040102	A	2F	13,200	Clark	M					N		UN					Be				5d	L
Ouachita	8040101	A	2F	40,100	Garland	M					N		UN					Be				5d	L
Pickthorne	8020402	D	3B	207	Lonoke	M		N					UN					UN*				5d	L
Beaverfork	11110205	B	3D	900	Faulkner	M					N		UN					Be				5d	L
Atkins	11110203	C	3F	750	Pope	M					N		UN					Be				5d	L
Overcup	11110203	C	3F	1025	Conway	M					N		UN					Be				5d	L
Blue Mountian	11110204	E	3G	2900	Logan	M		N					UN					SI				5d	L
Swepeco	11110103	B	3J	531	Benton	M		N					UN					UN*				5d	L
Greenlee	8020304	D	4A	300	Monroe	M		N					UN					UN*				5d	L
Frierson	8020302	C	4B	335	Greene	M		N					UN					Cu				5a	M
Beaver - Upper	1101001	A	4K	1500	Madison	M		N					SE					SI				5a	H
Poinsette	8020203	C	5A	550	Poinsette	M		N					UN					UN*				5d	L