

PROPOSED

**CHAPTER 45-APPENDIX B
“AREAS WITH WATERS OF RECREATIONAL AND/OR
ECOLOGICAL SIGNIFICANCE”**



October 27, 2015

Proposed Updates to Chapter 45-Appendix B, “Areas With Waters of Recreational and/or Ecological Significance”

Introduction

Oklahoma’s Water Quality Standards (OWQS) are comprised of three basic components: 1) beneficial uses that describe the purposes of a waterbody, 2) narrative and numeric criteria to protect those uses, and 3) an antidegradation policy to protect provide additional protection when water quality is higher than that prescribed by the use. To ensure protection, the antidegradation policy creates a tiered system, with each waterbody fitting appropriately within that protection scheme (OAC 785:45-5-25 & 46-13). All waterbodies are given Tier 1 protection, which ensures “attainment or maintenance of an existing or designated beneficial use”. While Tier 1 is considered the “baseline” of protection, some waters receive higher levels of protection, and are classified as Tier 2 or 3 waters. Given Tier 3 protection, outstanding resource waters (ORW), such as scenic rivers, are protected from any degradation of water quality. Other water bodies are given one of four Tier 2 classifications—high quality waters (HQW), sensitive water supplies (SWS), culturally significant waters (CSW), or Appendix B waters. The reasons for Tier 2 protection and its implementation vary across these classifications, but generally either prohibit or limit new discharges or loading.

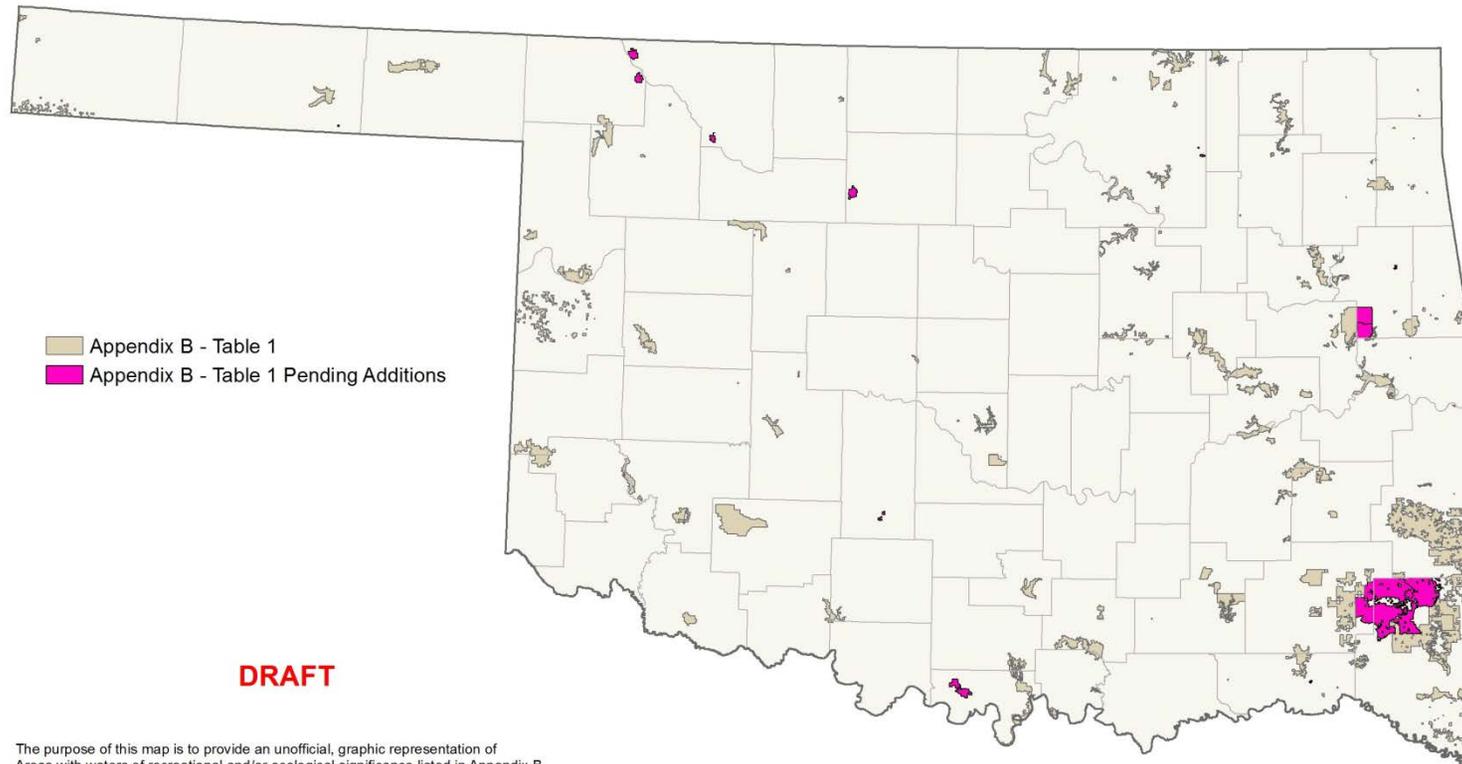
Appendix B Revisions

By rule, Appendix B waters are defined as “those waters of the state which are located within the boundaries of areas listed in Appendix B of this Chapter, including but not limited to the National and State parks, forests, wilderness areas, wildlife management areas, and wildlife refuges” and “may include those areas which are inhabited by federally listed, threatened or endangered species, and other appropriate areas” [OAC 785:45-5-25(c)(2)(A)]. To ensure that “the recreational and ecological significance of these waters will be maintained”, new discharges or increased loading are only allowed under certain conditions and, where federally threatened or endangered species are protected, “may be restricted through agreements between appropriate regulatory agencies and the United States Fish and Wildlife Service” [OAC 785:45-5-25(c)(2)(C)&(D)].

Appendix B areas and associated water body segments are listed in OWQS, Appendix B, Tables 1 and 2 (Attachment A). Table 1 includes areas such as national and state parks, national forests, wildlife areas, wildlife management areas, wildlife refuges. Table 2 includes areas that contain federally listed threatened or endangered species pursuant to the Federal Endangered Species Act (ESA). These tables require consistent updating because new recreational and management areas may be formed by the appropriate agencies and new endangered or threatened species may be designated by the United States Fish and Wildlife Service (USFWS) under the ESA. To ensure accurate updates, OWRB staff has solicited various partners with responsibilities in these areas, including the Oklahoma Department of Tourism, Oklahoma Department of Wildlife Conservation, the National Parks Service, and the USFWS. Through their assistance, staff has identified new areas and segments to be included in Tables 1 and 2. The areas are delineated in both maps (Figures 1 and 2), as well as the revised tables included in Attachment A. Detailed maps of new areas are provided on the OWRB Standards revision webpage located at: http://www.owrb.ok.gov/util/rules/wqs_revisions.php. Please note that some areas have been deleted with reasons noted in Table 1. Also, for information purposes, Table 2 now lists the protected species.

Oklahoma Water Quality Standards

Appendix B - Table 1 (Areas)



- Appendix B - Table 1
- Appendix B - Table 1 Pending Additions

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The purpose of this map is to provide an unofficial, graphic representation of Areas with waters of recreational and/or ecological significance listed in Appendix B Table 1 of the Oklahoma Water Quality Standards (OWQS). The official version of the OWQS is published by the Oklahoma Secretary of State in the Oklahoma Administrative Code at Title 785, Chapter 45 (<http://www.sos.ok.gov>). A complete but unofficial version of the OWQS is available through the OWRB homepage (<http://www.owrb.ok.gov>).
10/26/2015

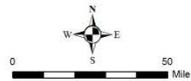


Figure 1. Map of areas/waters in Appendix B, Table 1.

Oklahoma Water Quality Standards

Appendix B - Table 2



Figure 2. Map of areas/waters in Appendix B, Table 2.

Attachment A. Draft Proposed Language Revisions (changes are in red with strikeout indicating deletion and underline indicating addition of language).

Appendix B, Table 1 - National and State Parks, National Forests, Wildlife Areas, Wildlife Management Areas, and Wildlife Refuges.

PROTECTED AREA/WATER	WQM Segment	Notes (column not included in rule revision)
Adair State Park	121700	Owned by city of Stilwell and Adair County
Alabaster Caverns State Park	620920	
Altus-Lugert Wildlife Management Area	311510	
Arrowhead State Park	220600	
Atoka Wildlife Management Area	410400	
Beaver River Wildlife Management Area	720500	
Beaver State Park	720500	Owned by City of Beaver
Beavers Bend Resort State Park	410200	
Bernice State Park	121600	Part of North Grand Lake SP
Black Kettle National Grasslands	310840	
Black Kettle Wildlife Management Area	310840	
Black Mesa State Park/Preserve	720900	
Blue River Wildlife Management Area	310800	
Boggy Depot State Park	410400	Owned by Chickasaw Nation
Boiling Springs State Park	720500	
Boswell State Park	410400	Owned by City of Boswell
Broken Bow Wildlife Management Area	410210	
<u>Brushy Lake State Park</u>	<u>220200</u>	Owned by City of Sallisaw
<u>Candy Creek Wildlife Management Area</u>	<u>121300</u>	New WMA
Canton Wildlife Management Area	720500	
Cherokee State Parks I, II, III	121600	
Cherokee Landing State Park	121700	
<u>Cherokee Wildlife Management Area</u>	<u>120400</u>	New WMA
Chickasaw National Recreation Area	310800	
Chickasaw Wildlife Management Area	310800	WMA does not exist
Chouteau Wildlife Management Area	121500	
<u>Cimarron Bluff Wildlife Management Area</u>	<u>620920</u>	New WMA
<u>Cimarron Hills Wildlife Management Area</u>	<u>620920</u>	New WMA
Clayton Lake State Park	410300	
Cookson Hills Wildlife Management Area	220200	
Cooper Wildlife Management Area	720500	
Copan Wildlife Management Area	121400	
<u>Cross Timbers Wildlife Management Area</u>	<u>311100</u>	New WMA
Crowder Lake State Park	310830	Owned by SWOSU
Deep Fork National Wildlife Refuge	520700	
Deep Fork Wildlife Management Area	520700	

PROTECTED AREA/WATER	WQM Segment	Notes (column not included in rule revision)
Disney/Little Blue State Parks	121600	
Dripping Springs State Park (Delaware)	121700	Renamed Natural Falls SP
Dripping Springs State Park (Okmulgee)	520700	
<u>Drummond Flats Wildlife Management Area</u>	<u>620910</u>	New WMA
Ellis Co. Wildlife Management Area	520600	
Eufaula Wildlife Management Area	520500 520700 220600	
Five Civilized Tribes State Park	121600	
Fobb Bottom Wildlife Management Area	311100	
Fort Cobb State Park	310830	
Fort Cobb Wildlife Management Area	310830	
Fort Gibson Wildlife Management Area	121600	
Fort Supply Wildlife Management Area	720500	
Foss State Park	310830	
Fountainhead State Park	520700	Part of Lake Eufaula SP
Gary Sherrer Wildlife Management Area	410310	
<u>Grady County Wildlife Management Area</u>	<u>310810</u>	New WMA
Great Plains State Park	621010	
Great Salt Plains State Park	621010	
Greenleaf State Park	120400	
Gruber/Cherokee Wildlife Management Area (Camp) Gruber Training Center	120400	Renamed
Hackberry Flat Wildlife Management Area	311310	
Heavener Runestone State Park	220100	Owned by City of Heavener
Heyburn Wildlife Management Area	120400	
Hickory Creek Wildlife Management Area	311100	
Hochatown State Park	410200	Part of Beaver's Bend SP
Honey Creek State Park	121600	Part of North Grand Lake SP
Honobia Creek Wildlife Management Area	410210	
<u>Hugo Lake State Park</u>	<u>410300</u>	New SP
Hugo Wildlife Management Area	410300	
Hulah Wildlife Management Area	121400	
James M. Collins Wildlife Management Area	220600	
John Dahl Wildlife Management Area	621200	
Kaw Wildlife Management Area	621210	
Keystone State Park	620900	
Keystone Wildlife Management Area	620900 621200	
Lake Eucha State Park	121600	Owned by City of Tulsa
<u>Lake Eufaula State Park</u>	<u>520700</u>	New SP

PROTECTED AREA/WATER	WQM Segment	Notes (column not included in rule revision)
Lake Murray State Park	311100	
Lake Texoma Resort Park <u>Lake Texoma State Park</u>	<u>310000</u>	Renamed
Lake Wister State Park	220100	
Lexington Wildlife Management Area	520600	
Little River National Wildlife Refuge	410200	
Little River State Park	520810	
<u>Little Sahara State Park</u>	<u>620920</u>	New SP
Love Valley Wildlife Management Area	311100	
McClellan-Kerr Wildlife Management Area	120400	Duplicative
McCurtain Co. Wilderness Area	410210	
McGee Creek State Park	410400	
McGee Creek Wildlife Management Area	410400	
Mountain Park Wildlife Management Area	311500	
<u>Natural Falls State Park</u>	<u>121700</u>	Was Dripping Springs State Park (Delaware)
<u>North Grand Lake State Park</u>	<u>121600</u>	Combines Honey Creek, Bernice, and Twin Bridges State Parks
Okmulgee State Park	520700	
Okmulgee Wildlife Management Area	520700	
Oologah Wildlife Management Area	121510	
Optima National Wildlife Refuge	720510	
Optima Wildlife Management Area	720510	
Osage Hills State Park	121400	
Osage-Western Wall Rock Creek Wildlife Management Area	121400	
Ouachita National Forest	410210 410310 220100	
Ouachita Wildlife Management Area	220100	
Ozark Plateau Wildlife Management Area	220200	
Ozark Plateau National Wildlife Refuge	220200	
Packsaddle Wildlife Management Area	520620	
Pine Creek Wildlife Management Area	410201	
Pushmataha Wildlife Management Area	410300	
Quartz Mountain State Resort Park	311510	Operated by Regents for Higher Education
Raymond Gary State Park	410300	
Red Rock Canyon State Park	310830	
Redbud Valley Conservancy Area	121300	
Rita Blanca National Grasslands	720510	
Robbers Cave State Park	220100	
Robbers Cave Wildlife Management Area	220100	

PROTECTED AREA/WATER	WQM Segment	Notes (column not included in rule revision)
Robert S. Kerr State Wildlife Management Area	220200	
Roman Nose State Park	620910	
Sallisaw State Park	220200	Now Brushy Lake State Park
Sandy Sanders Wildlife Management Area	311800	
Sequoyah National Wildlife Refuge	220200	
Sequoyah State Park/Western Hills Resort Park	121600	
Sheppard Point Recreational Area	120400	
<u>Shorb Wildlife Management Area</u>	<u>720500</u>	New WMA
Skiatook Wildlife Management Area	121300	
Snowdale State Park	121600	
Spavinaw State Park	121600	
Spavinaw Hills Wildlife Management Area	121600	
<u>Sparrow Hawk Wildlife Management Area</u>	<u>121700</u>	New WMA
Spiro Mound State Park	220200	Owned by Oklahoma State Historical Society
Stinchcomb Wildlife Refuge	520520	
Stringtown Wildlife Management Area	410400	
Sutton Wilderness Area	520810	
Talimena State Park	410310	
Tenkiller State Park	121700	
Tenkiller Wildlife Management Area	121700	
Texoma/Washita Arm Wildlife Management Area	310800	
<u>Three Rivers Wildlife Management Area</u>	<u>410210</u>	New WMA
Tishomingo National Wildlife Refuge	310800	
Tishomingo Wildlife Management Area <u>Tishomingo Wildlife Management Unit</u>	<u>310800</u>	Renamed
Turkey Creek Recreational Area	410210	
Twin Bridges State Park	121600	Part of North Grand Lake SP
Wahshashe State Park	121400	Owned by Osage Nation and the US Army Corp of Engineers (USACE)
Walnut Creek State Park	621200	Owned by US USACE
Washita National Wildlife Refuge	310840	
Waurika Wildlife Management Area	311210	
Webbers Falls Wildlife Management Area	120400	
Wichita Mountains National Wildlife Refuge	311310 311500	
Yourman Wildlife Management Area	220600	

Appendix A, Table 2 - Areas Which contain federally listed Threatened (T) or Endangered (E) Species pursuant to the Federal Endangered Species Act

PROTECTED AREA/WATER	WQM SEGMENT	<u>FEDERALLY-LISTED SPECIES as per ESA</u>
Black Fork Creek in Pushmataha County from its junction with Little River, upstream to Oklahoma Highway 144 crossing.	410210	<u>Leopard Darter (T)</u>
Canadian River, main channel from the state line in Ellis and Roger Mills Counties, downstream to the Indian Nation Turnpike bridge west of Eufaula Reservoir	220600 520600 520610 520620	<u>Arkansas River Shiner (T), including critical habitat</u>
Cimarron River, main channel west of I-35 crossing in Logan County, upstream to the state line and including the portion in northern Beaver and Harper counties	620910 620920	<u>Arkansas River Shiner (T), including critical habitat;</u>
East Fork and West Fork Creek. East Fork of Glover Creek (River) , main channel in McCurtain County from its junction with the West Fork of Glover Creek (River) , upstream to 4 air miles north-northeast of the community of Bethel in Section 5, T 2 S, R 24 E1M	410210	<u>Leopard Darter (T), including critical habitat</u>
Glover Creek (River) , main channel in Pushmataha McCurtain County from Oklahoma Highway 7 3 crossing, upstream to the junction of the East Fork and West Fork of the Glover Creek (River)	410210	<u>Leopard Darter (T), including critical habitat</u>
Kiamichi River above Hugo Reservoir	410300	<u>Scaleshell Mussel (E), Ouachita Rock Pocketbook (E)</u>
Little River, main channel in Pushmataha County from the mouth to <u>of</u> Cloudy Creek, upstream to the Pushmataha County Line	410210	<u>Leopard Darter (T), including critical habitat; Ouachita Rock Pocketbook (E); Rabbitsfoot (T)</u>
Little River below Pine Creek Reservoir	410200 410210	<u>Ouachita Rock Pocketbook (E); Rabbitsfoot (T), including critical habitat; Winged Mapleleaf (E)</u>
Mountain Fork Creek (River), main Channel channel in McCurtain county <u>County</u> from mouth of Boktukola Boktuklo Creek 6 air miles south-southwest of Smithville, upstream to the Oklahoma-Arkansas State line	410210	<u>Leopard Darter (T), including critical habitat; Scaleshell Mussel (E)</u>

PROTECTED AREA/WATER	WQM SEGMENT	<u>FEDERALLY-LISTED SPECIES as per ESA</u>
Neosho (Grand) River above Miami	121600	<u>Neosho Madtom (T), Neosho Mucket (E)</u>
Salt Plains National Wildlife Refuge	621010	<u>Whooping Crane (E), including critical habitat</u>
West Fork <u>of Glover Creek (River), main channel in Pushmataha <u>McCurtain</u> County from its junction with the East Fork <u>of Glover River</u>, upstream to the community of Battiest</u>	410210	<u>Leopard Darter (T), including critical habitat</u>
<u>Verdigris River below Oologah Reservoir, downstream to Highway 266, Rogers County</u>	<u>121500</u>	<u>Rabbitsfoot (T), including critical habitat</u>
<u>Illinois River, from Oklahoma-Arkansas State line, downstream to Barren Fork</u>	<u>121700</u>	<u>Neosho Mucket (E), including critical habitat; Rabbitsfoot (T)</u>
<u>Elk River, from Oklahoma-Arkansas State line, west to Buffalo Creek</u>	<u>121600</u>	<u>Neosho Mucket (E), including critical habitat</u>