

**APPENDIX B: Unified Watershed Assessment: 2014 Update**

# STATE OF OKLAHOMA

## UNIFIED WATERSHED ASSESSMENT

*2014 Update*



*PREPARED BY:*

**OKLAHOMA CONSERVATION COMMISSION  
2800 N LINCOLN BLVD., SUITE 160  
OKLAHOMA CITY, OK 73105**



### Introduction

In 1998 (Oklahoma Office of the Secretary of Environment, 1998) and again in 2006 (Oklahoma Conservation Commission, 2006), the State of Oklahoma prioritized its hydrologic unit code (HUC) 11 watersheds (approximately 50,000 acres) following strategies defined in the Clean Water Action Plan and developed and revised a Unified Watershed Assessment (UWA) framework through Oklahoma's Nonpoint Source (NPS) Working Group. For both efforts, the UWA utilized the most current approved 303(d) list of impaired streams (1998 and 2004 303(d) lists, respectively) as a foundation for the prioritization to better target Clean Water Act program efforts including TMDL development and NPS implementation. While the 1998 UWA ranked all HUC 11 watersheds, the 2006 UWA extended efforts to a subset known as Category I Watersheds - "Watersheds in need of Restoration", comprised of watersheds with the proportion of impaired waterbody miles greater than or equal to 25 percent.

In 2012, the OCC engaged the NPS Working Group in an effort to review the UWA ranking scheme and update as necessary to reflect changes in critical data (i.e. Oklahoma's latest integrated report, more readily available geographically-linked data, etc.) and better support the needs of multiple water quality programs. One of the most significant needs for this revision was to reduce the spatial framework from HUC 11 to HUC 12 (approx. 10,000 – 40,000 acres) to facilitate the alignment with desired watershed planning units that area small enough to have quicker results and to focus on less complex water quality problems that could be more easily solved. The 2014 UWA also prioritized all impaired waterbodies as defined in Oklahoma's 2012 Integrated Report, as opposed to just 303(d) listed waterbodies.

### Method

Oklahoma's UWA ranking method involves computation of nine key metrics, which are then aggregated for ranking based on predetermined criteria. These metrics can be loosely aggregate into three primary categories including 1) severity of threat/impairment, 2) impact of threat/impairment on human health and natural resources, and 3) restoration potential. Data compilation, analysis, metric computation, and ranking were accomplished through use of Microsoft (MS) Access 2010l, MS Excel 2010, Minitab V14, Arcview 3.2a, and ArcGIS 10.1 for desktop. Metric input data and scores were generally determined using an integrated approach of GIS, spreadsheet, and database manipulations. All data used in the process were the most recent available at the time of ranking. Because Oklahoma has developed numerous TMDLs since the last UWA revision, the 2014 UWA includes all impaired waterbodies as defined in Oklahoma's 2012 Integrated Report (Oklahoma Department of Environmental Quality, 2012). Discussion of methods for specific metrics follows.

### Severity of Threat/Impairment Metrics

#### Total Percent Impaired Waterbodies

One of the principal metrics for determination of watershed ranking priority is the percentage of impaired waterbodies per HUC 12. This calculation was accomplished in two phases; determination of proportion of stream miles impaired and determination of proportion of lakes (stream miles equivalence) impaired. The HUC 12 watersheds layer (USGS Watershed Boundary Dataset) was used in ArcGIS to clip a geospatial coverage of the impaired waterbodies from Oklahoma's 2012 Integrated Report (Oklahoma Department of Environmental Quality, 2012) to facilitate aggregation of relevant data by

watershed. Total impaired stream miles were calculated and compiled in the master metric computation sheet.

For lakes, the desire was to standardize the representation to stream mile equivalence. Previous UWAs used an area equivalency factor ( $1 \text{ m}^2$  lake area = 0.28618 meters stream length) to relate lake area to stream length. Because this appeared to excessively inflate lake representation and due to better technology and data availability, it was decided to determine the actual stream network underlying the lake footprint through GIS and use this stream length to represent lake equivalence. The OWRB lakes polygon layer (Oklahoma Water Resources Board, 2011) was used to clip National Hydrography Dataset high resolution (NHD hi-res.) flow lines (United States Geological Survey, 2006) for all major lakes in the state (major is categorized as those with waterbody identification numbers) to render the associated stream network. This layer was then associated with relevant GIS shapefiles through geoprocessing in ArcGIS to render “stream mile equivalence” totals for all impaired lakes, which were then compiled in the master metric computation sheet.

One of the major improvements to this UWA is the conversion of stream network representation to the NHD hi-res. layer. Previous UWAs used a reach file network which, due to digitization at differing spatial resolutions between counties, rendered a “patchwork quilt” of stream lines for the state. The switch to the NHD hi-res affords a very accurate and standardized representation of streams across the state. The HUC 12 layer was used to clip the NHD hi-res. flow line layer for the state, and the total segment lengths were summed to compute total network miles for each watershed. Total impaired stream miles and total impaired lake miles (stream-mile equivalence) were summed and divided by total network miles to render percent impaired.

The final metric score was determined based on predetermined percentiles of total percent impairment values. Due to the change to a much more refined spatial representation of stream miles in the NHD hi-res., percent watershed impairment values were drastically lower on average from previous UWAs (i.e., divisor of more miles means smaller percent impaired). It was decided that the previous break points for scoring were too high and an adjustment was made based on select percentiles (95<sup>th</sup>, 75<sup>th</sup>, 50<sup>th</sup>, and 25<sup>th</sup>) of total percent impairment. The point score for percent impaired waterbodies, with a maximum of 15, was calculated based on the resulting ranges shown in Table 1.

### **Pollutant Priority**

In previous UWA efforts, the NPS Working Group rated threat/impairment cause codes using a pairwise comparison matrix based on the importance of addressing each cause of impairment relative to Clean Water Act goals, their Agency/Program Mission, and the likelihood that a program could successfully address the sources of that pollutant. For this effort, the list was re-evaluated and amended to place an even greater emphasis on priority NPS pollutants. The group determined that phosphorus, turbidity, pathogens, and low dissolved oxygen (DO) were the pollutants that should receive the highest priority and therefore a score of 15 points per occurrence of each of those pollutants. Waterbodies impaired by toxics/bioassay, pesticides, and biocriteria received the next highest priority and therefore a score of 10 points per occurrence. Finally, waterbodies impaired by metals, ammonia, oil and grease, salts (chloride, total dissolved solids, and sulfates), taste and odor, and pH received the lowest priority with a score of 5 points per occurrence.

Relevant GIS data layers (2012 Integrated Report and HUC 12 layer) were geoprocessed in ArcGIS and then joined in MS Access to a combined impaired waters database (provided by Joe Long, ODEQ) to produce a final worksheet with total impaired waters and associated pollutant causes for each watershed. Points were assigned to impairment causes and then summed and multiplied by the total impaired waterbody miles for each waterbody. The individual impaired waterbody totals were then added together to reach a total for the entire watershed. Quartiles of the full distribution of watershed totals were determined. The pollutant priority score was then determined based on the quartile value as described in Table 1.

### **Potential for Impact on Human Health and Natural Resources**

#### **Public Water Supply**

To assess potential of impact on human health, an estimate of public water supply (PWS) presence and demand was determined for all watersheds. ArcGIS was used to geoprocess PWS (Oklahoma Department of Environmental Quality, 2014) and HUC 12 layers to facilitate determination of both number of PWS intakes and population served per watershed. Scores were assigned based on criteria in Table 1 with each component comprising a maximum of 7.5 points.

#### **Nutrient Limited Watersheds**

Oklahoma's Water Quality standards provide for the recognition of lakes and reservoirs with particular potential for nutrient induced impairments. This recognition is known as Nutrient Limited Watersheds (NLW) and represents those lakes or reservoirs with a designated use that is adversely impacted by nutrients as indicated by a Trophic State Index for chlorophyll-a of 62 or greater. Because this designation conveys a distinct potential for impact by one of the nation's recognized priority pollutants, (i.e., nutrients), the NPS Working Group agreed to add this metric to the ranking process. A GIS layer of water quality standards designations (Oklahoma Water Resources Board, 2011) was used in ArcGIS to determine presence of NLWs in each watershed. Watersheds which contained NLWs were given 10 points.

#### **Threatened and Endangered Species**

Federally designated threatened and endangered aquatic species have been included in Oklahoma's UWA efforts as a metric reflecting potential for impact of water pollution on wildlife and associated areas of sensitive habitat. For this revision, the working group requested to include state-declared species. GIS layers of both federal (United States Fish and Wildlife Service, 2013) and state (Oklahoma Department of Wildlife Conservation, 2013) declared areas of sensitive habitat for threatened and endangered aquatic species were clipped with the HUC 12 layer in ArcGIS. Species were totaled for each watershed and scored in accordance with the criteria in Table 1.

### **Restoration Potential**

The remaining metrics were developed with the intention of prioritizing watersheds with a high probability of restoration based on the belief that watersheds currently recognized as having higher than average quality waters might be more restorable. Therefore, HUC 12 watersheds were prioritized based

**Table 1. Ranking Criteria and Associated Point Values for UWA Prioritization of Category I Watersheds.**

<b>RANKING CRITERIA</b>	<b>POINTS</b>	<b>15</b>	<b>10</b>	<b>5</b>	<b>3</b>	<b>0</b>
<b>Total Percent Impaired Waterbodies</b>		≥34.6%	<34.6 to 17.8%	<17.8 to 12.1%	<12.1 to 8.1%	≥8.1%
<b>Pollutant Priority</b>		≥ 75 <sup>th</sup> percentile	75 <sup>th</sup> – 50 <sup>th</sup> percentile	50 <sup>th</sup> – 25 <sup>th</sup> percentile	0-25 <sup>th</sup> percentile	0
<b>Federal &amp; State T &amp; E species in HUC</b>		≥3	2	1		
<b>Highest designated protected waterbody</b>		Scenic R/ORW	HQW/SWS			
<b>Nutrient Limited Watershed</b>			YES			NO
<b>USF&amp;WS priority wetland present</b>				YES		NO
<b>App. B, % of HUC</b>			≥33%	33 – 10%	10 – 0.01%	no appendix B areas
<b>Conservation Program Extent (# or extent of programs)</b>			≥ 4 programs Or ≥ 10% area	2-3 programs Or 10 – 5% area	1 program Or 5 – 0.01% area	No easement programs
<b># of PWS intakes in HUC (points equal half of column value)</b>		≥4	3	2	1	0
<b># of PWS customers served in HUC (points equal half of column value)</b>		≥100,000	99,999 - 10,000	9,999 - 1,000	999 - 1	0

on the presence of State-recognized waters of high quality or social importance such as Scenic Rivers, watersheds containing Appendix B areas, as listed in Oklahoma's Water Quality Standards (Oklahoma Water Resources Board, 2014), and presence of U.S. Fish and Wildlife Service (USFWS) priority wetland areas. In addition, consideration was given toward watersheds where a significant amount to conservation on private land had already occurred. Therefore, extent of ongoing conservation programs was also considered in prioritizing watersheds.

### **Highest Protected Waterbody**

Oklahoma's water quality standards designate certain waters with particular limitations and remarks for additional protection. These include: Scenic Rivers, Outstanding Resource Waters (ORW), High Quality Waters (HQW), and Sensitive Water Supplies (SWS). The Working Group amended the scoring for this UWA to more strongly reflect the hierarchy of importance for these designations. The OWRB water quality standards layer was clipped with the HUC 12 layer in ArcGIS and the highest ranking designation determined for waterbodies contained in each watershed. Scores for each watershed were derived per criteria in Table 1, above.

### **Appendix B Areas**

Appendix B is a section of Oklahoma's Water Quality Standards (Oklahoma Water Resources Board, 2014) that includes a list of waters of recreational and/or ecological significance and generally includes waters within or adjacent to national wildlife areas, national forests, state parks, and related areas. The higher percentage of Appendix B areas in a watershed, generally the fewer developed areas where sources of water pollution are likely to be concentrated. Thus, resources can be concentrated in smaller areas of the watershed with greater potential for success than if resources must be spread throughout the watershed. Because Appendix B waters generally occur in areas of focused natural resource management, watersheds containing Appendix B waters are also excellent candidates for protection.

A GIS layer of Appendix B areas (Oklahoma Water Resources Board, 2011) was clipped with the HUC 12 layer in ArcGIS and the total Appendix B area was determined for each watershed. Watersheds were then scored based on predetermined breakpoints in aeral coverage as detailed in Table 1, above.

### **Extent of Conservation Programs**

An analysis of existing NPS Success Stories in Oklahoma (United States Environmental Protection Agency, 2014) suggests that many of these watersheds overlap with water quality-focused Natural Resources Conservation Service (NRCS) Local Emphasis Area (LEA) Projects and/or general conservation program focus. A Local Emphasis Area is a portion of the state where local entities have documented a resource concern that needs to be addressed and demonstrated that public interest in implementing practices to address the need was high. As a result, extra NRCS Environmental Quality Incentives Program (EQIP) dollars are made available to address the resource concerns of the watershed. The demonstration of public interest in solving a water quality problem in a water quality-related LEA suggests a greater potential for restoration.

Working group members supported inclusion of a measure of conservation program focus as an indicator of potential for restoration. Watersheds with a high concentration of water resources related

conservation easements and select conservation program initiatives were assumed to indicate both a landowner willingness to change management practices and thus potential for a quicker response toward water quality success.

To derive this metric, a GIS layer of conservation program easement data (National Resources Conservation Service, 2013) was joined with the HUC 12 layer in ArcGIS to produce a worksheet of total program area per watershed. The worksheet was then manually amended to include additional programs where information was available including the OCC's Conservation Reserve Enhancement Program (CREP), Land Legacy Easement Programs, and NRCS LEAs. Only conservation programs with potential for impact on water quality (e.g. Wetland Reserve Program (WRP), etc) were considered. Scoring was computed to reflect strength of both areal presence and number of initiatives/programs present in each watershed. Both aspects were scored in accordance with criteria detailed in Table 1. Scores for both aspects were combined only to the extent that a maximum of 10 total points for the metric was not exceeded (e.g., Watershed A has WRP program area of 7% and 5 conservation program initiatives; final score would be 10 pts).

### **USFWS Priority Wetlands**

Oklahoma has been working on a project over the last couple of years to develop a method to incorporate wetland resources in its watershed based planning efforts. Oklahoma's Comprehensive Wetland Conservation Plan (Oklahoma Conservation Commission, 1996) includes as a part of its state wetland inventory a table of priority wetland areas identified by the USFWS for particular management focus. The information in this table was translated to GIS coverage and joined to the HUC 12 watershed layer using ArcGIS. Watersheds received a total of five points for presence of these areas (Table 1, above).

### **Final Category I Rank**

While many different rankings could be computed, the working group settled on a particular level of percent impairment to highlight watersheds with most immediate need for water quality and conservation program action. This designation is referred to as a Category I watershed (Cat I). For the previous UWAs, Cat I watersheds were those with at least 25% of their waterbody miles impaired. With this revision, it was necessary to adjust this criterion to lower value of 17.8%, which is the 75<sup>th</sup> percentile of all impaired watersheds (see discussion, *Total Percent Impaired*, above).

Due to extreme lateral variability in ecosystem and hydrologic characteristics across the state and the fact that the majority of the highest quality waters are eastern in location, the working group asked to develop a separate ranking for eastern and western watersheds. To accommodate this, watersheds were aggregated into "East" or "West" groups based on location of the majority of the watershed area in relation to Interstate 35. To derive the final Category I rank for these, all metric scoring data were compiled into a single MS Excel worksheet and metric scores summed to compute a total score for each watershed. Total scores for watersheds with impairment percentage exceeding 17.8% were then ranked for each group using MS Excel's "RANK" function.



## **Results**

Figure 1, Table 2, and Table 3 display the rankings for the top 50 Category I Watersheds in the eastern and western halves of the State. A spreadsheet summarizing the information used in the ranking process and the resulting priorities is included in the appendix of this report. Many watersheds received the same scores and therefore are tied in ranking.

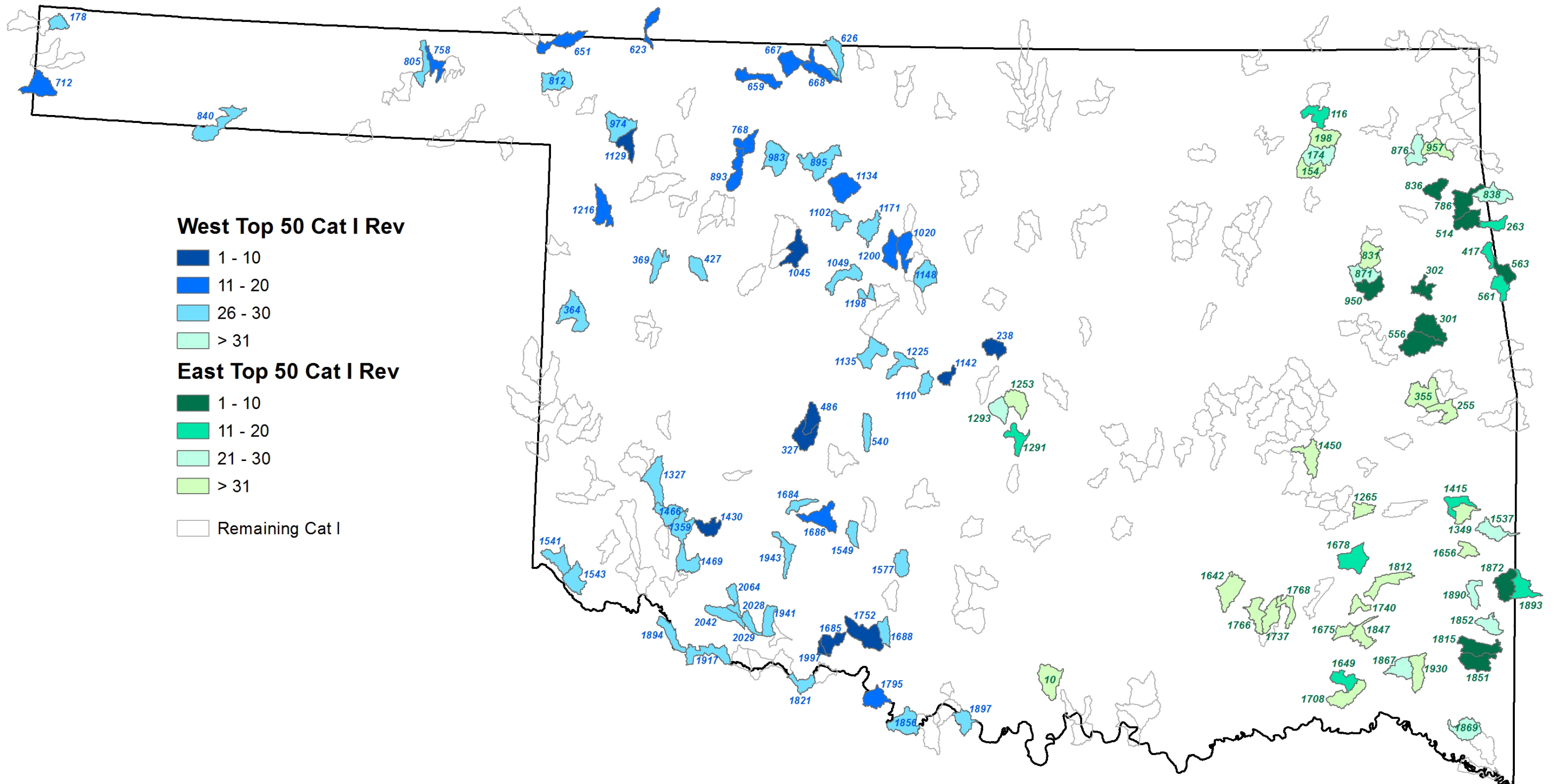


Figure 1. Draft UWA Rankings Based on 2012 Oklahoma Integrated Report (watershed numbers correspond to “Map ID #” in the tables below).

Table 2. Top Fifty UWA Ranked Eastern Watersheds (Based on draft 2004 303(d) List).

Map ID #	HUC12	Name	Category I Ranking	Eastern Watershed Ranking
950	110702090809	Lower Fort Gibson Lake Dam	1	1
1851	111401080306	Broken Bow Lake Dam	2	2
836	110702090311	Rattlesnake Creek-Eucha Lake	3	3
556	111101030907	Tenkiller Ferry Lake Dam	4	4
302	111101030804	City of Tahlequah-Illinois River	5	5
301	111101030906	Elk Creek-Tenkiller Ferry Lake	6	6
514	111101030504	Lower Flint Creek	7	7
1815	111401080305	Holly Creek Mountain Fork	7	7
1872	111401080202	Beech Creek-Cow Creek	7	7
563	111101030604	Upper Ballard Creek	10	10
786	110702090308	Spavinaw Creek Middle	10	10
1291	110902030108	Clear Creek	13	12
1415	111101050508	Wister Lake Dam	14	13
417	111101030605	Lower Ballard Creek	15	14
1649	111401050707	Hugo Lake	15	14
1678	111401050209	Sardis Lake	17	16
263	111101030502	Sager Creek	18	17
561	111101030702	Lower Fly Creek	18	17
116	110701030503	Overcup Bottoms-Oologah Lake	21	19
1893	111401080105	Cedar Creek-Mountain Fork	22	20
876	110702060406	Pensacola Dam-Lake O' The Cherokees	23	21
174	110701030507	Spencer Creek-Oologah Lake	24	22
1867	111401070306	Pine Creek Lake	24	22
1890	111401080207	Big Eagle Creek	24	22
1293	110902030103	Elm Creek	27	25
838	110702090306	Upper Spavinaw Creek	29	26
1537	111101050206	Lower Black Fork	29	26
1852	111401080303	Lower Buffalo Creek	29	26
1869	111401070406	Mud Creek-Rock Creek	29	26
871	110702090804	Middle Fort Gibson Lake	33	30
831	110702090803	Upper Fort Gibson Lake	34	31
355	111101040303	Pleasant Creek	35	32
1349	111101050502	Upper Holson Creek	35	32
1675	111401050506	Lower One Creek	35	32
1737	111401030504	Middle McGee Creek	35	32
1740	111401050501	Upper Cedar Creek	35	32

Map ID #	HUC12	Name	Category I Ranking	Eastern Watershed Ranking
1766	111401030503	Cat Creek-McGee Creek	35	32
1930	111401070307	Cypress Creek	35	32
957	110702060405	Woodward Hollow-Lake O' The Cherokees	43	39
1265	111101050403	Bandy Creek	43	39
255	111101040305	Robert S. Kerr Dam	45	41
1642	111401030304	Atoka Reservoir	45	41
1708	111401050708	Hugo Lake Dam	45	41
1812	111401070104	Black Fork Creek	45	41
10	111302100104	Lake Murray	50	45
1450	110902040607	Arrowhead State Park-Eufaula Lake	51	46
154	110701030508	Blue Creek-Oologah Lake	52	47
198	110701030505	Plum Creek-Oologah Lake	52	47
1253	110902030106	Upper Hog Creek	52	47
1656	111401050102	Billy Creek	52	47
1768	111401050602	Upper Tenmile Creek	52	47
1847	111401070108	Cloudy Creek	52	47

Table 3. UWA 50 Highest Ranked Western Watersheds.

Map ID #	HUC12	Name	Category I Ranking	Western Watershed Ranking
1752	111302080402	Waurika Lake-Beaver Creek	10	1
1430	111203030303	Tom Steed Reservoir	20	2
327	111303020508	Ft Cobb Reservoir-Cobb Creek	27	3
1129	111002030510	Lower Fort Supply Lake-Wolf Creek	35	4
1685	111302020309	Town of Temple-East Cache Creek	49	5
486	111303020507	Willow Creek	60	6
1142	111003010708	Lake Overholser-North Canadian River	64	7
1997	111302030610	Outlet West Cache Creek	66	8
1045	111003010503	111003010503-North Canadian River	73	9
238	111003030103	Arcadia Lake-Deep Fork of Canadian River	82	10
623	110400080611	110400080611-Cimarron River	84	11
651	110400080104	Stink Creek-Cimarron River	84	11
659	110600020402	Turkey Creek	84	11
667	110600030304	Middle Driftwood Creek	84	11
668	110600030306	Lower Driftwood Creek	84	11
712	111001010309	111001010309-North Canadian River	84	11

Appendix B- UWA Update

758	111001020606	Town of Floris-Beaver River	84	11
768	110500010508	110500010508-Cimarron River	84	11
893	110500010507	Gyp Creek-Ewers Creek	84	11
1020	110500020414	Outlet Turkey Creek	84	11
1134	110500020105	Lower Indian Creek	84	11
1200	110500020506	Preacher Creek-Turkey Creek	84	11
1216	111002030502	Buzzard Creek	84	11
1686	111302020209	Lake Ellsworth-East Cache Creek	84	11
1795	111302010105	Irving Corner-Red River	84	11
805	111001020603	111001020603-Beaver River	108	26
1466	111203030403	Quartz Mountain	108	26
2029	111302030305	111302030305-Deep Red Creek	108	26
1577	111303030401	Lake Humphreys	120	29
178	110400020204	Ester Canyon-Cimarron River	124	30
364	111303010206	Spring Creek Lake-Washita River	124	30
369	110902010309	Red Creek-Canadian River	124	30
427	110902010403	Lone Creek	124	30
540	111303020902	Stinking Creek	124	30
626	110600030409	Medicine Lodge River-Salt Fork Arkansas River	124	30
812	111002010510	City of Rosston-Beaver River	124	30
840	111001010805	111001010805-Beaver River	124	30
895	110500010609	Outlet Eagle Chief Creek	124	30
974	111002010610	Town of Fort Supply-Beaver River	124	30
983	110500010704	110500010704-Cimarron River	124	30
1049	110500020503	Upper Cooper Creek	124	30
1102	110500020304	Lower Deep Creek	124	30
1110	111003010704	Shell Creek	124	30
1135	111003010605	Sixmile Creek-North Canadian River	124	30
1148	110500021102	110500021102-Cimarron River	124	30
1171	110500020308	110500020309-Cimarron River	124	30
1198	110500020706	Upper Kingfisher Creek	124	30
1225	111003010702	Fourmile Creek-North Canadian River	124	30
1327	111203020410	Lake Altus-North Fork Red River	124	30
1359	111203030404	City of Warren-North Fork Red River	124	30
1469	111203030406	City of Headrick-North Fork Red River	124	30
1541	111301010305	Salt Valley-Sandy Creek	124	30
1543	111301010307	Town of Lincoln-Sandy Creek	124	30
1549	111302080203	Whiskey Creek	124	30
1684	111302020205	Tahoe Creek-East Cache Creek	124	30
1688	111302080305	Lower Dry Creek	124	30
1821	111301020305	McFarland Springs-Red River	124	30

1856	111302010211	Fleetwood Creek-Red River	124	30
1894	111301020103	Town of Fargo-Red River	124	30
1897	111302010508	Campbell Branch-Red River	124	30
1917	111301020107	Cowboy Springs-Red River	124	30
1941	111302030306	Brush Creek-Deep Red Creek	124	30
1943	111302030602	Upper Blue Beaver Creek	124	30
2028	111302030106	111302030106-Deep Red Creek	124	30
2042	111302030203	Upper Little Deep Red Creek	124	30
2064	111302030105	111302030105-Deep Red Creek	124	30

## Literature Cited

- National Resources Conservation Service. (2013). Conservation Program Easement Data GIS Layer. Stillwater, OK: National Resources Conservation Service.
- Oklahoma Conservation Commission. (1996, July). *Oklahoma's Comprehensive Wetlands Conservation Plan*. Retrieved 2014, from Oklahoma Conservation Commission: [http://www.ok.gov/conservation/documents/OK\\_Comprehensive\\_Wetlands\\_Conservation\\_Plan.pdf](http://www.ok.gov/conservation/documents/OK_Comprehensive_Wetlands_Conservation_Plan.pdf)
- Oklahoma Conservation Commission. (2006). *NPS Management Program 2006 Revision*. Retrieved 2014, from Oklahoma Conservation Commission Water Quality Division SOPs and Methods Reports : [http://www.ok.gov/conservation/Agency\\_Divisions/Water\\_Quality\\_Division/WQ\\_Reports/WQ\\_Reports\\_SOPs\\_and\\_Methods.html](http://www.ok.gov/conservation/Agency_Divisions/Water_Quality_Division/WQ_Reports/WQ_Reports_SOPs_and_Methods.html)
- Oklahoma Department of Environmental Quality. (2012). *Water Quality in Oklahoma: 2012 Integrated Report* . Retrieved 2014, from Oklahoma Department of Environmental Quality: [http://www.deq.state.ok.us/WQDnew/305b\\_303d/2012IRReport/2012%20IR%20document%20-%20Final.pdf](http://www.deq.state.ok.us/WQDnew/305b_303d/2012IRReport/2012%20IR%20document%20-%20Final.pdf)
- Oklahoma Department of Environmental Quality. (2013, 9 26). Public Water Supply Water Intakes and Wells GIS Layers. Oklahoma City, OK: Oklahoma Department of Environmental Quality.
- Oklahoma Department of Wildlife Conservation. (2013, 10 23). ODWC State Threatened and Endangered Species Habitat GIS Layer. Oklahoma City, OK: Oklahoma Department of Wildlife Conservation.
- Oklahoma Office of the Secretary of Environment. (1998, October 1). *State of Oklahoma Unified Watershed Assessment*. Retrieved 2014, from Oklahoma Department of Environmental Quality: [https://www.deq.state.ok.us/WQDnew/pubs/uwa\\_final.pdf](https://www.deq.state.ok.us/WQDnew/pubs/uwa_final.pdf)
- Oklahoma Water Resources Board. (2011, 4 21). *OWRB Lakes*. Retrieved 2014, from Oklahoma Geographic Information Council GIS Digital Data Online: <http://ogi.state.ok.us/ogi/search.aspx>
- Oklahoma Water Resources Board. (2011, 9 27). Surface Water Water Quality Standards Appendix B Areas GIS Layer. Oklahoma City, OK: Oklahoma Water Resources Board.
- Oklahoma Water Resources Board. (2011). Surface Water Water Quality Standards Streams and Lakes GIS Layers. Oklahoma City, Oklahoma: Oklahoma Water Resources Board.

- Oklahoma Water Resources Board. (2014). *Oklahoma Water Quality Standards Chapter 45*. Retrieved 2014, from Oklahoma Water Resources Board:  
[http://www.owrb.ok.gov/util/rules/pdf\\_rul/current/Ch45.pdf](http://www.owrb.ok.gov/util/rules/pdf_rul/current/Ch45.pdf)
- United States Environmental Protection Agency. (2014, 8 3). *Section 319 Nonpoint Source Success Stories*. Retrieved 2014, from U.S. Environmental Protection Agency Office of Watersheds, Oceans, and Wetlands: <http://water.epa.gov/polwaste/nps/success319/>
- United States Fish and Wildlife Service. (2013, 10 22). USFWS Threatened and Endangered Species GIS Layer. Tulsa, Oklahoma: United States Fish and Wildlife Service.
- United States Geological Survey. (2006). *WaterbodiesHR--National Hydrography Dataset (NHD)-High-resolution*. Retrieved 2014, from United States Geological Survey:  
<http://pubs.usgs.gov/ds/270/data/DVD-1/METADATA/WaterbodiesHR.htm>

**Appendix: Data Tables for Category I Watersheds**



Category I Watersheds Raw Data Used in Scoring.

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCs Easements	Total NRCs Easement (Acres)	NRCs Easements % of HUC	Other Conservation Programs	HUC Location
1239	110400011006	Carrizozo Cr.-Dry Cimarron Riv.	9415		26.9	5.85					HQW						0		78	0.23				0.00		West
101	110400020101	Upper Cold Springs Cr.	17326		46.4	10.77					HQW						0			0.00				0.00		West
61	110400020202	Upper Carrizo Cr.	21383	2706	78.7	14.97							NLW				0		600	2.24				0.00		West
178	110400020204	Ester Canyon-Cimarron Riv.	14675		41.9	9.12					HQW						0			0.00				0.00		West
615	110400070508	Crooked Cr.	8825		29.5	5.48								1	1		2			0.00				0.00		West
651	110400080104	Stink Cr.-Cimarron Riv.	28562		91.7	17.75								1	1		2			0.00				0.00		West
623	110400080611	Cimarron Riv.	6765		8.3	4.20								1	1		2			0.00				0.00		West
976	110500010402	Lower Traders Cr.	16744		58.1	10.40								1	1		2			0.00				0.00		West
893	110500010507	Gyp Cr.-Ewers Cr.	30471		99.4	18.93								1			1			0.00	1			0.00		West
768	110500010508	Cimarron Riv.	17140		20.7	10.65								1			1			0.00				0.00		West
895	110500010609	Outlet Eagle Chief Cr.	17526		49.4	10.89								1			1			0.00	1			0.00		West
983	110500010704	Cimarron Riv.	14328		15.3	8.90								1			1			0.00				0.00		West
1134	110500020105	Lower Indian Cr.	17477		19.4	10.86								1			1			0.00	1			0.00		West
1102	110500020304	Lower Deep Cr.	18277		45.1	11.36								1			1			0.00	1			0.00		West
1171	110500020308	Cimarron Riv.	10910		33.4	6.78								1			1	Clear Boggy		0.00	1			0.00		West
1081	110500020411	Buffalo Cr.	22475		62.2	13.97								1			1			0.00				0.00		West
1172	110500020413	Little Turkey Cr.	18223		20.4	11.32								1			1			0.00				0.00		West
1020	110500020414	Outlet Turkey Cr.	30331		36.0	18.85								1			1			0.00				0.00		West
1049	110500020503	Upper Cooper Cr.	29445		99.9	18.30								1			1			0.00				0.00		West
1200	110500020506	Preacher Cr.-Turkey Cr.	13862		22.8	8.61								1			1	Clear Boggy		0.00				0.00		West
1198	110500020706	Upper Kingfisher Cr.	17216		28.4	10.70											0			0.00				0.00		West
1227	110500020709	Dead Indian Cr.	51365		129.7	31.92											0			0.00				0.00		West
1170	110500020710	Middle Kingfisher Cr.	19133		60.5	11.89											0			0.00				0.00		West
1144	110500020712	Trail Cr.	23909		53.3	14.86											0			0.00				0.00		West
1180	110500020810	Outlet Cottonwood Cr.	17636		59.0	10.96											0			0.00				0.00		West
1207	110500021003	Upper Otter Cr.	18393		56.2	11.43											0			0.00				0.00		West
1106	110500021101	Cimarron Riv.	6548		17.0	4.07								1			1	Clear Boggy		0.00				0.00		West
1148	110500021102	Cimarron Riv.	16646		41.3	10.34								1			1	Clear Boggy		0.00				0.00		West
543	110500030102	Lake Carl Blackwell-Stillwater Cr.		34004	103.5	0.00											0			0.00				0.00		East
437	110500030103	Lake McMurtry		22688	77.7	0.00	2	39430									0			0.00				0.00		East
493	110500030107	Little Stillwater Cr.	22392		78.0	13.91											0			0.00				0.00		East
499	110500030508	Upper Salt Cr.		28803	89.4	0.00	1	3935									0			0.00				0.00		East
500	110500030509	Lower Salt Cr.-Cimarron Riv.		67693	84.0	0.00											0			0.00				0.00		East
669	110600010306	Lower Beaver Cr.		22822	52.5	0.00											0		4306	30.41		1	63	0.44		East
627	110600010501	Kaw Lake Dam		58909	89.8	0.00	2	41300									0			0.00				0.00		East
659	110600020402	Turkey Cr.	33420		99.4	20.77							NLW				0			0.00				0.00		West
667	110600030304	Middle Driftwood Cr.	37729		101.9	23.44							NLW				0			0.00				0.00		West
668	110600030306	Lower Driftwood Cr.	28817		68.0	17.91							NLW				0			0.00				0.00		West

Appendix B- UWA Update

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCS Easements	Total NRCS Easement (Acres)	NRCS Easements % of HUC	Other Conservation Programs	HUC Location
626	110600030409	Medicine Lodge Riv.-Salt Fork Arkansas Riv.	21684		52.7	13.47							NLW				0			0.00				0.00		West
88	110600040205	Little Sandy-Sandy Cr.	11075		21.3	6.88							NLW				0			0.00				0.00		West
164	110600040406	Middle Crooked Cr.	27722		65.4	17.23											0			0.00	1			0.00		West
67	110600040407	Lower Crooked Cr.	17294		48.8	10.75											0			0.00	1	1	75	0.41		West
69	110600040606	Middle Pond Cr.	22700		64.1	14.11											0			0.00	1			0.00		West
92	110600040808	Tonkawa-Salt Fork Arkansas Riv.	22174		39.3	13.78											0	Deep Fork		0.00				0.00		East
210	110600040903	Lower Bois d' Arc Cr.	42921		132.0	26.67											0			0.00				0.00		East
822	110600050606	Rock Falls-Chikaskia Riv.	20587		63.7	12.79	1	9241									0			0.00	1			0.00		West
775	110600050702	Headwaters Bitter Cr.	7178		18.4	4.46											0			0.00	1			0.00		East
902	110600050704	Scatter-Bitter Cr.	42568		96.7	26.45											0			0.00	1	4	807	4.23		East
733	110600050707	Duck Cr.	56435		159.1	35.07											0			0.00	1	1	8	0.02		East
774	110600050708	City of Blackwell-Chikaskia Riv.	45859		89.6	28.50											0			0.00	1	1	116	0.52		East
897	110600060402	Black Bear Cr.	36334		89.9	22.58											0			0.00				0.00		West
826	110600060505	Upper Camp Cr.	17856	13473	107.0	19.47	1	150									0			0.00				0.00		East
702	110600060708	Waresha Cr.-Arkansas Riv.		43372	75.6	0.00											0		1728	7.37				0.00		East
703	110600060709	Mud Cr.-Arkansas Riv.		40611	91.3	0.00											0		417	1.68				0.00		East
221	110701030207	Claymore Cr.-Verdigris Riv.	1314		2.1	0.82									1	1	2			0.00				0.00		East
79	110701030309	Steamboat Mound-Verdigris Riv.	26859	2548	94.3	18.27	1	456							1	1	2		1911	8.08		1	213	0.90		East
116	110701030503	Overcup Bottoms-Oologah Lake	3429	42608	76.7	28.61	1	5566							1	1	2		8016	33.52		1	27	0.11		East
198	110701030505	Plum Cr.-Oologah Lake	26208	42780	92.6	42.87									1	1	2		3628	11.69				0.00		East
174	110701030507	Spencer Cr.-Oologah Lake	6933	50938	103.2	35.96	2	1964				SWS			1		1		3486	10.53				0.00		East
154	110701030508	Blue Cr.-Oologah Lake		36424	74.4	0.00	5	538606							1		1			0.00				0.00		East
1031	110701050104	Cat Cr.-Dog Cr.	23379		55.4	14.53											0			0.00		1	2	0.02		East
194	110701060408	Lower Copan Lake-Little Caney Riv.		25319	60.3	0.00	1	1159				SWS					0		3486	16.26				0.00		East
114	110701060706	Timberlake Cr.-Caney Riv.	26808		72.7	16.66									2		2			0.00		2	78	0.46		East
1992	110701070302	Lower Birch Cr.		30381	78.8	0.00						SWS					0			0.00				0.00		East
2053	110701070402	Flat Rock Cr.-Bird Cr.	28078		91.4	17.45											0			0.00				0.00		East
2038	110701070404	Ranch Cr.-Bird Cr.	33882		104.3	21.05						SWS					0			0.00				0.00		East
100	110702050605	Town Cr.-Neosho Riv.	648		0.4	0.40								1	2		3			0.00				0.00		East
922	110702060103	Fourmile Cr.	11343		29.1	7.05								1	2	1	4			0.00		1	90	0.46		East
921	110702060204	Ogeechee-Lake O' The Cherokees		56942	138.6	0.00									1	1	2		102	0.30				0.00		East
746	110702060301	Upper Honey Cr.	7438		18.0	4.62					HQW						2	2		0.00				0.00		East
789	110702060304	Lower Honey Cr.		14633	25.4	0.00	2	11732									2	2	46	0.40				0.00		East
920	110702060401	Wolf Cr.-Lake O' The Cherokees		47450	97.5	0.00	1	2800						1		2	3			0.00				0.00		East
788	110702060403	Lower Horse Cr.-Lake O' The Cherokees	1922	30529	64.8	20.16	2	3912									2	2	108	0.47				0.00		East
957	110702060405	Woodward Hollow-Lake O' The Cherokees		42180	56.8	0.00	2	733						1		2	3			0.00				0.00		East
876	110702060406	Pensacola Dam-Lake O' The Cherokees		41100	78.2	0.00	5	18565						1		2	3		32	0.13				0.00		East
139	110702071001	Fivemile Cr.	9278		31.5	5.77								2	2	1	5			0.00				0.00		East
159	110702071002	Willow Cr.-Spring Riv.	2498		4.6	1.55								2	2	1	5			0.00				0.00		East
175	110702071005	Flint Branch-Spring Riv.	17774	8562	83.2	16.36								2	2	1	5			0.00				0.00		East
708	110702090206	Lower Big Cabin Cr.	26183		82.8	16.27											0			0.00		1	3	0.01		East

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCS Easements	Total NRCS Easement (Acres)	NRCS Easements % of HUC	Other Conservation Programs	HUC Location
838	110702090306	Upper Spavinaw Cr.	9257		23.2	5.75						SWS	NLW	1		2	3			0.00	1			0.00	CREP, Land Legacy	East
786	110702090308	Spavinaw Cr. Middle	33823		112.7	21.02						SWS	NLW	1		2	3		62	0.20	1			0.00	CREP, Land Legacy	East
836	110702090311	Rattlesnake Cr.-Eucha Lake		23706	64.6	0.00						SWS	NLW	1	1	2	4		2003	10.64	1	3	749	3.98	CREP, Land Legacy	East
915	110702090505	Little Saline	16903		53.9	10.50								1		2	3			0.00				0.00		East
997	110702090704	Mission Bend-Neosho Riv.	11711	1448	36.1	8.18							NLW		1		1			0.00				0.00		East
831	110702090803	Upper Fort Gibson Lake		44761	89.1	0.00	2	13550					NLW		1		1		1242	4.35				0.00		East
871	110702090804	Middle Fort Gibson Lake		37858	79.7	0.00	3	2385					NLW		1	1	2		7641	29.80				0.00		East
950	110702090809	Lower Fort Gibson Lake Dam		55595	84.6	0.00	4	47866			HQW		NLW		1	1	2		8830	34.78				0.00		East
224	110902010106	Lower Commission Cr.	17868		52.4	11.10								1			1		1485	9.24				0.00		West
369	110902010309	Red Cr.-Canadian Riv.	27967		72.6	17.38								1			1			0.00				0.00		West
427	110902010403	Lone Cr.	20924		69.6	13.00								1			1			0.00				0.00		West
274	110902010505	Squirrel Cr.-Canadian Riv.	44891		113.3	27.89								1			1			0.00				0.00		West
1298	110902020406	Outlet Canadian Sandy Cr.	37381		77.5	23.23								1			1			0.00				0.00		East
1511	110902020501	Willow Cr.	14428		48.2	8.97								1			1			0.00				0.00		East
1293	110902030103	Elm Cr.	19061	13736	80.2	20.38	1	621590				SWS	NLW				0			0.00				0.00		East
1253	110902030106	Upper Hog Cr.	24909		77.7	15.48						SWS	NLW				0			0.00				0.00		East
1291	110902030108	Clear Cr.		32908	62.5	0.00	3	146367				SWS	NLW				0		5842	29.10				0.00		East
1300	110902030204	Bruno Cr.	16456		32.9	10.23											0			0.00				0.00		East
1517	110902030311	Little Riv.	37770		98.3	23.47											0			0.00				0.00		East
1404	110902040104	Middle Mill Cr.	18825		51.3	11.70								1			1		532	5.17		1	20	0.19		East
1497	110902040105	Lower Mill Cr.		15156	45.4	0.00								1			1		2527	18.75				0.00		East
1405	110902040208	Eufaula Lake-Canadian Riv.		65094	143.8	0.00								1			1		9458	20.81	1	1	329	0.72		East
1408	110902040307	Cedar Cr.-Gains Cr.	30967		82.3	19.24											0	Deep Fork		0.00	1			0.00		East
1500	110902040308	Boiling Springs-Gains Cr.	18162		61.3	11.29											0	Deep Fork		0.00	1			0.00		East
1267	110902040309	Adamson-Gains Cr.	15654	5602	44.7	13.21	1	6888									0	Deep Fork	2525	21.24	1			0.00		East
1378	110902040602	Buffalo Cr.-Eufaula Lake		24785	51.5	0.00											0		693	4.26	1			0.00		East
1308	110902040606	Fin & Feather Lake-Eufaula Lake		71466	127.7	0.00	1	3353									0			0.00	1			0.00		East
1450	110902040607	Arrowhead State Park-Eufaula Lake		47340	75.2	0.00	1	220						1			1		2501	8.46	1			0.00		East
712	111001010309	North Canadian Riv.	20830		71.1	12.94					HQW						0			0.00				0.00		West
840	111001010805	Beaver Riv.	22528		36.6	14.00											0			0.00				0.00		West
932	111001020510	Beaver Riv.	31072		88.3	19.31											0			0.00				0.00		West
805	111001020603	Beaver Riv.	11153		36.8	6.93											0		4413	22.71		1	155	0.80		West
758	111001020606	Town of Floris-Beaver Riv.	12854		29.5	7.99											0		6592	41.41				0.00		West
761	111001020609	City of Beaver-Beaver Riv.	12380		40.0	7.69											0		1617	8.61				0.00		West
1068	111001040504	Sand Draw-Palo Duro Cr.	13751		39.7	8.54											0			0.00				0.00		West
718	111002010402	Kiowa Cr.	5612		16.1	3.49											0			0.00				0.00		West
723	111002010408	Kiowa Cr.	13591		28.3	8.45											0			0.00				0.00		West
968	111002010504	Upper Duck Pond Cr.	37792		46.5	23.48											0			0.00				0.00		West
812	111002010510	City of Rosston-Beaver Riv.	20272		48.9	12.60											0			0.00	1			0.00		West
934	111002010606	Beaver Riv.	10242		28.5	6.36											0			0.00				0.00		West
974	111002010610	Fort Supply-Beaver Riv.	27887		81.0	17.33											0		5397	15.24				0.00		West

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCS Easements	Total NRCS Easement (Acres)	NRCS Easements % of HUC	Other Conservation Programs	HUC Location
1216	111002030502	Buzzard Cr.	16262		56.7	10.10						SWS	NLW				0			0.00				0.00		West
1129	111002030510	Lower Fort Supply Lake-Wolf Cr.	8928	9707	25.3	11.58						SWS	NLW				0		3385	17.73				0.00		West
1073	111003010105	Outlet Persimmon Cr.	21606		44.0	13.43											0			0.00				0.00		West
1044	111003010204	Boiling Springs Cr.-North Canadian Riv.	8364		7.8	5.20											0		788	2.48				0.00		West
1041	111003010205	Upper Indian Cr.	7856		14.9	4.88											0			0.00				0.00		West
1218	111003010206	Lower Indian Cr.	19587		37.9	12.17											0			0.00				0.00		West
1096	111003010304	Bent Cr.	17208		46.1	10.69											0			0.00				0.00		West
1193	111003010402	North Canadian Riv.	14181		45.9	8.81											0			0.00				0.00		West
1191	111003010404	North Canadian Riv.	10184		8.7	6.33											0			0.00	1			0.00		West
1099	111003010408	Lower Canton Lake	2512	15360	55.7	11.11											0		8710	20.12	1			0.00		West
1221	111003010501	Minnehaha Cr.	12689		38.3	7.88							NLW				0			0.00				0.00		West
1045	111003010503	North Canadian Riv.	21214		36.7	13.18							NLW				0		794	2.71				0.00		West
1135	111003010605	Sixmile Cr.-North Canadian Riv.	20510		70.8	12.74							NLW				0			0.00				0.00		West
1225	111003010702	Fourmile Cr.-North Canadian Riv.	16248	2887	46.7	11.89							NLW				0			0.00				0.00		West
1110	111003010704	Shell Cr.	15245		52.6	9.47							NLW				0			0.00				0.00		West
1142	111003010708	Lake Overholser-North Canadian Riv.	14480	2099	26.1	10.30	1	621590					NLW				0		52	0.46				0.00		West
1512	111003020105	Crooked Oak Cr.-North Canadian Riv.	38549		49.1	23.95											0			0.00				0.00		East
1438	111003020204	Kishketon Lake-North Canadian Riv.	31902		86.1	19.82											0			0.00				0.00		East
1255	111003020401	Magnolia Cr.-Wewoka Cr.	31250		96.4	19.42											0			0.00				0.00		East
1400	111003020405	City of Wewoka-Wewoka Cr.	27195		94.7	16.90	1	4257									0			0.00				0.00		East
1484	111003020409	Yeager Cr.-Wewoka Cr.	20119		70.0	12.50											0			0.00				0.00		East
1444	111003020505	Greasy Cr.	29778		75.3	18.50											0			0.00				0.00		East
1446	111003020611	Lake Wetumka-North Canadian Riv.	32898	4491	90.5	23.23	1	2221									0			0.00				0.00		East
1375	111003020701	Alabama Cr.	26537		70.9	16.49	1	1014				SWS					0			0.00				0.00		East
1494	111003020702	Bad Cr.	30606		86.1	19.02											0			0.00				0.00		East
1310	111003020707	North Canadian Riv.	41883		137.5	26.02	1	8248									0		1154	3.26				0.00		East
1451	111003020709	Eufaula Lake		30892	103.3	0.00											0		16	0.06				0.00		East
1312	111003020710	Eufaula Lake		72477	88.0	0.00											0		9855	38.31				0.00		East
1531	111003020712	Eufaula Lake		36697	54.5	0.00	2	7391									0			0.00				0.00		East
238	111003030103	Arcadia Lake-Deep Fork of Canadian Riv.	8166	23988	75.0	19.98	1	74668				SWS					0			0.00				0.00		West
594	111003030308	Lower Bellcow Cr.	13050	2726	53.8	9.80						SWS					0	Deep Fork		0.00		3	195	1.49		East
599	111003030708	Brawn's Cr.	22435		56.4	13.94											0			0.00				0.00		East
598	111003031004	Coal Cr.	34916		84.2	21.70											0		306	1.48				0.00		East
459	111003031009	Gentry Cr.	15513	7392	74.4	14.23											0			0.00				0.00		East
405	111003031010	Eufaula Lake		53138	99.9	0.00											0		11062	36.52				0.00		East
602	111003031011	Outlet Deep Fork of Canadian Riv.		70972	80.3	0.00	1	1325									0		1833	9.43				0.00		East
456	111101010111	Nickel Cr.	31295		87.0	19.45											0			0.00				0.00		East
349	111101010303	Harlow Cr.-Arkansas Riv.	26841		74.7	16.68											0			0.00				0.00		East
601	111101010304	Mooser Cr.-Arkansas Riv.	37265		67.2	23.16											0			0.00				0.00		East
1116	111101020102	Headwaters Elk Cr.	13825		45.9	8.59											0			0.00				0.00		East
1118	111101020303	Upper Cody Cr.	18597		62.7	11.56											0			0.00				0.00		East

Appendix B- UWA Update

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCS Easements	Total NRCS Easement (Acres)	NRCS Easements % of HUC	Other Conservation Programs	HUC Location
1067	111101020307	Horseshoe Lake-Arkansas Riv.	17984		42.0	11.17											0		1495	10.47				0.00		East
1123	111101020312	Sand Cr.-Arkansas Riv.		48199	125.9	0.00											0		6253	17.46				0.00		East
263	111101030502	Sager Cr.	6682		14.3	4.15			SR	ORW			NLW		2	2	4			0.00	1			0.00	CREP	East
514	111101030504	Lower Flint Cr.	22621		77.4	14.06			SR	ORW			NLW		2	2	4			0.00	1			0.00	CREP	East
563	111101030604	Upper Ballard Cr.	5365		6.3	3.33			SR	ORW			NLW		2	3	5			0.00	1			0.00	CREP	East
417	111101030605	Lower Ballad Cr.	14405		35.2	8.95			SR	ORW			NLW		2	3	5			0.00	1			0.00	CREP	East
561	111101030702	Lower Fly Cr.	6992		21.2	4.34			SR	ORW			NLW			3	3			0.00	1			0.00	CREP	East
302	111101030804	City of Tahlequah-Illinois Riv.	17687		59.9	10.99	1	18431	SR	ORW			NLW		2	1	3	Illinois River		0.00	1			0.00	CREP	East
301	111101030906	Elk Cr.-Tenkiller Ferry Lake		36913	110.6	0.00	7	22715			HQW		NLW			1	1		2327	6.84	1			0.00	CREP	East
556	111101030907	Tenkiller Ferry Lake Dam	5695	54413	120.5	37.35	10	20406			HQW		NLW			1	1		7898	19.34	1			0.00	CREP	East
358	111101040105	Lower Sallisaw Cr.	14481	7383	74.6	13.59					HQW					2	2			0.00				0.00		East
510	111101040108	Little Sallisaw Cr.	5631	17171	66.1	14.17										2	2			0.00				0.00		East
413	111101040205	Sansbois Cr.	17154		39.6	10.66											0			0.00	1	1	152	1.33		East
353	111101040213	Pruit Valley-Sansbois Cr.	13497	1921	53.2	9.58						SWS					0			0.00	1			0.00		East
509	111101040216	Hancock Mountain		32197	49.6	0.00											0			0.00	1			0.00		East
355	111101040303	Pleasant Cr.		75346	145.7	0.00										2	2		15799	36.65	1			0.00		East
255	111101040305	Robert S. Kerr Dam		53671	69.4	0.00										2	2		672	2.87	1			0.00		East
262	111101040407	Missing Branch-Lee Cr.	13748		37.3	8.54			SR	ORW						2	2			0.00				0.00		East
261	111101040507	Webster Branch-Lee Cr.	4654		11.3	2.89			SR	ORW						2	2			0.00				0.00		East
515	111101040609	Cherokee Chute-Arkansas Riv.	26840		74.4	16.68										2	2		198	0.72	1	1	62	0.23		East
1537	111101050206	Lower Black Fork	39462		87.5	24.52					HQW		NLW			1	1		11001	44.34	1			0.00		East
1265	111101050403	Bandy Cr.	15070	2994	50.0	11.22	1	7675				SWS	NLW				0			0.00	1			0.00		East
1412	111101050409	Pigeon Cr.-Fourche Maline	33243		110.0	20.66							NLW				0			0.00	1	1	160	0.59		East
1349	111101050502	Upper Holson Cr.	8526	19895	67.8	17.66							NLW			1	1		3764	19.61	1			0.00		East
1415	111101050508	Wister Lake Dam		39273	57.5	0.00	1	40010					NLW			1	1		2949	15.82	1			0.00		East
1385	111101050904	Cedar Cr.-Poteau Riv.	18014		50.3	11.19										1	1			0.00	1			0.00		East
1956	111202020303	Cave Cr.	21827		51.4	13.56											0			0.00				0.00		West
2060	111202020405	Spring Branch-Turkey Cr.	12264		34.6	7.62											0			0.00				0.00		West
2059	111202020408	Town of Olustee-111202020408	18515		45.5	11.50											0			0.00				0.00		West
1934	111202020503	Borders Lake	51870		124.0	32.23											0			0.00				0.00		West
1936	111202020504	Salt Fork Red Riv.	21610		67.7	13.43											0			0.00				0.00		West
1356	111203020107	North Fork Red Riv.	4495		4.6	2.79											0			0.00				0.00		West
1323	111203020210	Murtaugh Cr.-Sweetwater Cr.	1817		2.4	1.13											0			0.00				0.00		West
1462	111203020213	Freezeout Cr.-Sweetwater Cr.	24623		72.3	15.30											0			0.00				0.00		West
1505	111203020304	North Fork Red Riv.	16050		25.5	9.97											0			0.00				0.00		West
1420	111203020306	Turkey Cr.	30295		68.4	18.82											0			0.00				0.00		West
1387	111203020307	Cat Cr.-North Fork Red Riv.	22936		40.1	14.25											0			0.00				0.00		West
1422	111203020401	Sand Cr.	21004		24.6	13.05											0			0.00				0.00		West
1463	111203020407	Lake Cr.	21372		57.9	13.28											0			0.00				0.00		West
1467	111203020409	North Fork Red Riv.	25956		63.5	16.13											0			0.00	1			0.00		West
1327	111203020410	Lake Altus-North Fork Red Riv.	14341	13681	62.0	17.41											0		10647	29.76	1			0.00		West

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCS Easements	Total NRCS Easement (Acres)	NRCS Easements % of HUC	Other Conservation Programs	HUC Location
1246	111203030107	Trail Cr.	14595		49.5	9.07											0			0.00				0.00		West
1430	111203030303	Tom Steed Reservoir		25825	40.3	0.00	2	31643				SWS					0		11173	57.79	1			0.00		West
1466	111203030403	Quarts Mountain	23230		43.9	14.43											0		1376	5.61	1			0.00		West
1359	111203030404	City of Warren-North Fork Red Riv.	24854		69.0	15.44											0			0.00	1			0.00		West
1469	111203030406	City of Headrick-North Fork Red Riv.	19280		64.3	11.98											0			0.00	1			0.00		West
1243	111203030502	Headwaters Stinking Cr.	15466		38.5	9.61											0			0.00				0.00		West
1325	111203030507	North Fork Red Riv.	10867		25.2	6.75											0			0.00	1	1	35	0.22		West
1976	111203040108	Lower North Elm Cr.	19378		67.4	12.04											0			0.00				0.00		West
1935	111203040207	Station Cr.	17001		35.8	10.56											0			0.00				0.00		West
2062	111203040208	Sleepy John Cr.-Elm Fork Red Riv.	20813		65.2	12.93											0			0.00				0.00		West
1541	111301010305	Salt Valley-Sandy Cr.	16560		37.7	10.29											0			0.00	1			0.00		West
1543	111301010307	Town of Lincoln-Sandy Cr.	20544		45.2	12.77											0			0.00	1			0.00		West
1894	111301020103	Town of Fargo-Red Riv.	25541		18.2	15.87											0			0.00				0.00		West
1917	111301020107	Cowboy Springs-Red Riv.	38193		27.8	23.73											0			0.00				0.00		West
1874	111301020205	Augur Cr.-Red Riv.	15242		32.1	9.47											0			0.00				0.00		West
1839	111301020206	Curtis Cr.-Red Riv.	14844		44.4	9.22											0			0.00				0.00		West
1918	111301020303	Goat Island-Red Riv.	14614		36.7	9.08											0			0.00				0.00		West
1821	111301020305	McFarland Springs-Red Riv.	19796		18.2	12.30											0			0.00				0.00		West
1919	111301020307	Pumpkin Ridge-Red Riv.	11092		9.9	6.89											0			0.00				0.00		West
1795	111302010105	Irving Corner-Red Riv.	21392		36.3	13.29											0			0.00	1			0.00		West
1856	111302010211	Fleetwood Cr.-Red Riv.	40089		67.5	24.91											0			0.00				0.00		West
1778	111302010314	Mud Cr.	11149		32.8	6.93											0			0.00				0.00		West
1796	111302010502	Panther Cr.-Red Riv.	14403		27.6	8.95											0			0.00				0.00		West
1797	111302010504	Village Cr.-Red Riv.	9667		25.5	6.01											0			0.00		1	416	1.89		West
1897	111302010508	Campbell Branch-Red Riv.	18943		14.8	11.77											0			0.00				0.00		West
1684	111302020205	Tahoe Cr.-East Cache Cr.	27025		71.8	16.79						SWS					0			0.00				0.00		West
1686	111302020209	Lake Ellsworth-East Cache Cr.		42406	140.5	0.00						SWS					0			0.00				0.00		West
1685	111302020309	Town of Temple-East Cache Cr.	32373		103.9	20.12	1	1146				SWS					0			0.00	1	3	167	0.86		West
2064	111302030105	Deep Red Cr.	12788		41.9	7.95											0			0.00	1			0.00		West
2028	111302030106	Deep Red Cr..	11880		23.3	7.38											0			0.00	1			0.00		West
2042	111302030203	Upper Little Deep Red Cr.	31018		70.0	19.27											0			0.00	1			0.00		West
2029	111302030305	Deep Red Cr.	20130		46.1	12.51											0			0.00	1	2	149	1.24		West
1941	111302030306	Brush Cr.-Deep Red Cr.	26024		85.3	16.17											0			0.00	1			0.00		West
1982	111302030402	Unnamed Tributary	15737		51.2	9.78											0			0.00		1	353	3.42		West
1943	111302030602	Upper Blue Beaver Cr.	29492		81.6	18.33											0		3893	19.42	1			0.00		West
1997	111302030610	Outlet West Cache Cr.	14565		19.2	9.05											0			0.00	1	2	260	5.08		West
1549	111302080203	Whiskey Cr.	16531		54.7	10.27						SWS					0			0.00				0.00		West
1548	111302080302	Willow Cr.	25342		57.7	15.75											0			0.00	1			0.00		West
1688	111302080305	Lower Dry Cr.	18179		58.8	11.30											0			0.00	1			0.00		West
1752	111302080402	Waurika Lake-Beaver Cr.		63448	138.6	0.00	4	147890				SWS					0		6938	16.11	1	1	85	0.20		West
10	111302100104	Lake Murray		45228	126.0	0.00	1	11000				SWS					0		19024	52.76				0.00		East

Appendix B- UWA Update

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCS Easements	Total NRCS Easement (Acres)	NRCS Easements % of HUC	Other Conservation Programs	HUC Location
17	111302100304	Delaware Bend-Red Riv.		27722	66.4	0.00											0		14	0.05				0.00		East
37	111302100305	Fobb Bottom-Red Riv.		5647	13.3	0.00											0		4780	20.19				0.00		East
11	111302100505	Denison Dam-Red Riv.		54903	60.9	0.00											0			0.00				0.00		East
364	111303010206	Spring Cr. Lake-Washita Riv.	41465		139.4	25.77											0		6643	15.75				0.00		West
317	111303010405	Middle Cyclone Cr.	12926		35.7	8.03											0			0.00				0.00		West
424	111303010504	Hammon Junction-Washita Riv.	25372		67.0	15.77											0			0.00				0.00		West
572	111303020306	Middle Rainy Mountain Cr.	13346		38.9	8.29											0			0.00	1			0.00		West
486	111303020507	Willow Cr.	14862	2004	37.7	10.48						SWS	NLW				0		595	2.83				0.00		West
327	111303020508	Ft Cobb Reservoir-Cobb Cr.		24204	40.5	0.00	1	6995				SWS	NLW				0		6977	25.66				0.00		West
381	111303020711	Public Service Res. #3-Washita Riv.	28776		85.3	17.88											0			0.00				0.00		West
329	111303020803	McCarty Cr.-Little Washita Riv.	21164	1392	72.9	14.02											0			0.00				0.00		West
540	111303020902	Stinking Cr.	18237		48.7	11.33							NLW				0			0.00				0.00		West
1725	111303030105	Dry Cr.-Washita Riv.	33043		107.7	20.53											0			0.00				0.00		West
1633	111303030112	Happy Hollow Cr.-Washita Riv.	18613		59.5	11.57											0			0.00				0.00		West
1610	111303030310	Wolf Cr.-Washita Riv.	28593		58.2	17.77											0			0.00				0.00		East
1577	111303030401	Lake Humphreys	9563	11299	62.6	12.96	1	29700				SWS					0			0.00				0.00		West
1693	111303030407	Sandy Bear Cr.-Wildhorse Cr.	52894		166.0	32.87											0			0.00				0.00		West
1661	111303030502	Lower Salt Cr.	27469		94.6	17.07											0			0.00				0.00		West
1554	111303030701	Headwaters Caddo Cr.	69373		140.7	43.11											0			0.00				0.00		West
1925	111303040304	Newberry Cr.-Washita Riv.	7441	40072	161.8	29.52											0			0.00				0.00		East
1802	111303040305	Rock Cr.-Washita Riv.		43435	123.6	0.00											0		1634	4.30				0.00		East
1642	111401030304	Atoka Reservoir		66897	144.6	0.00	2	4614				SWS					0		3370	9.40	1			0.00		East
1766	111401030503	Cat Cr.-McGee Cr.		29669	84.0	0.00						SWS					0		14375	57.59	1			0.00		East
1737	111401030504	Middle McGee Cr.	2545	31456	96.7	21.13						SWS					0		13502	56.11	1			0.00		East
1647	111401030505	Lower McGee Cr.	4972	9064	32.4	8.72	1	3396				SWS					0		2764	26.64	1			0.00		East
1656	111401050102	Billy Cr.	14237		47.8	8.85								3		1	4		11502	82.84	1			0.00		East
1678	111401050209	Sardis Lake		46953	85.2	0.00	1	3307				SWS		3			3			0.00	1			0.00		East
1593	111401050404	Lower Pine Cr.	37751		66.9	23.46								3			3			0.00	1			0.00		East
1740	111401050501	Upper Cedar Cr.	16779		42.3	10.43					HQW			3			3		1793	15.10	1			0.00		East
1675	111401050506	Lower One Cr.	21406		48.6	13.30					HQW			3			3		2694	20.47	1			0.00		East
1768	111401050602	Upper Tenmile Cr.	30950		72.2	19.23								3			3			0.00	1			0.00		East
1649	111401050707	Hugo Lake		47144	72.5	0.00								3			3		9035	44.81	1			0.00		East
1708	111401050708	Hugo Lake Dam		48799	113.5	0.00								3			3		1825	5.89	1			0.00		East
26	111401060403	Norwood Cr.	25527		73.5	15.86										1	1		5906	19.86	2	2	2165	7.28		East
47	111401060407	Whitaker Bend Cut off-Red Riv.	37003		39.6	22.99										1	1			0.00	1	2	520	2.06		East
1812	111401070104	Black Fork Cr.	40301		98.2	25.04					HQW			1			1		490	1.69	1			0.00		East
1847	111401070108	Cloudy Cr.	33327		81.1	20.71					HQW			1			1		3008	14.27	1			0.00		East
1867	111401070306	Pine Cr. Lake		51405	104.7	0.00					HQW			1		1	2		2764	11.24	1			0.00		East
1930	111401070307	Cypress Cr.	33287		99.9	20.68					HQW			3	1	1	5			0.00	1			0.00		East
1869	111401070406	Mud Cr.-Rock Cr.	28420		82.1	17.66					HQW			3	1	1	5		151	0.49	2			0.00		East
1893	111401080105	Cedar Cr.-Mountain Fork	4738		6.5	2.94			SR	ORW		SWS		1	1	1	3		1086	4.21	1			0.00		East

Appendix B- UWA Update

Map ID #	HUC 12 #	HUC 12 Name	Impaired Streams (m)	Impaired Lakes (m equiv.)	Total Impaired (miles)	% Impaired	PWS Intakes	PWS Population Served	Scenic River	ORW	HQW	SWS	NLW	Fed Listed T&E	Fed Candidate T&E	State T&E	Total T&E	USFWS Priority Wetland	Appendix B Acres	App B % of HUC12	# of LEAs	Total NRCS Easements	Total NRCS Easement (Acres)	NRCS Easements % of HUC	Other Conservation Programs	HUC Location
1872	111401080202	Beech Cr.-Cow Cr.	47284		124.6	29.38			SR	ORW		SWS		1	1	1	3		14889	48.31	1			0.00		East
1890	111401080207	Big Eagle Cr.	22849		65.5	14.20			SR	ORW		SWS		1	1	1	3			0.00	1			0.00		East
1852	111401080303	Lower Buffalo Cr.	23677		79.2	14.71						SWS		1	1	1	3		14388	72.56	1			0.00		East
1815	111401080305	Holly Cr. Mountain Fork		46782	111.7	0.00						SWS		1	1	1	3		21605	67.07	1			0.00		East
1851	111401080306	Broken Bow Lake Dam		59846	105.7	0.00	1	15375				SWS		1	1	1	3		18543	60.55	1			0.00		East



## All Category I Watershed Rankings.

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
1239	110400011006	Carrizozo Creek-Dry Cimarron River	10	5	0.0	10	0	0	0	3	0	West	360	174	1	143
101	110400020101	Upper Cold Springs Creek	10	5	0.0	10	0	0	0	0	0	West	421	187	2	143
61	110400020202	Upper Carrizo Creek	10	5	0.0	0	10	0	0	3	0	West	360	174	3	143
178	110400020204	Ester Canyon-Cimarron River	10	10	0.0	10	0	0	0	0	0	West	267	124	4	143
615	110400070508	110400070508-Crooked Creek	10	5	0.0	0	0	10	0	0	0	West	421	187	5	143
651	110400080104	Stink Creek-Cimarron River	10	15	0.0	0	0	10	0	0	0	West	172	84	6	143
623	110400080611	110400080611-Cimarron River	15	10	0.0	0	0	10	0	0	0	West	172	84	7	143
976	110500010402	Lower Traders Creek	10	5	0.0	0	0	10	0	0	0	West	421	187	7	143
893	110500010507	Gyp Creek-Ewers Creek	10	15	0.0	0	0	5	0	0	5	West	172	84	7	143
768	110500010508	110500010508-Cimarron River	15	15	0.0	0	0	5	0	0	0	West	172	84	148	1
895	110500010609	Outlet Eagle Chief Creek	10	10	0.0	0	0	5	0	0	5	West	267	124	10	143
983	110500010704	110500010704-Cimarron River	15	10	0.0	0	0	5	0	0	0	West	267	124	10	143
1134	110500020105	Lower Indian Creek	15	10	0.0	0	0	5	0	0	5	West	172	84	12	143
1102	110500020304	Lower Deep Creek	10	10	0.0	0	0	5	0	0	5	West	267	124	13	143
1171	110500020308	110500020309-Cimarron River	10	5	0.0	0	0	5	5	0	5	West	267	124	14	143
1081	110500020411	Buffalo Creek	10	10	0.0	0	0	5	0	0	0	West	421	187	14	143
1172	110500020413	Little Turkey Creek	15	5	0.0	0	0	5	0	0	0	West	421	187	16	143
1020	110500020414	Outlet Turkey Creek	15	15	0.0	0	0	5	0	0	0	West	172	84	17	143
1049	110500020503	Upper Cooper Creek	10	15	0.0	0	0	5	0	0	0	West	267	124	17	143
1200	110500020506	Preacher Creek-Turkey Creek	15	10	0.0	0	0	5	5	0	0	West	172	84	148	2
1198	110500020706	Upper Kingfisher Creek	15	15	0.0	0	0	0	0	0	0	West	267	124	19	143
1227	110500020709	Dead Indian Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	20	143
1170	110500020710	Middle Kingfisher Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	21	143
1144	110500020712	Trail Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	22	143
1180	110500020810	Outlet Cottonwood Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	22	143
1207	110500021003	Upper Otter Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	22	143
1106	110500021101	110500021101-Cimarron River	10	5	0.0	0	0	5	5	0	0	West	421	187	148	3
1148	110500021102	110500021102-Cimarron River	10	10	0.0	0	0	5	5	0	0	West	267	124	25	143
543	110500030102	Lake Carl Blackwell-Stillwater Creek	10	10	0.0	10	0	0	0	0	0	East	267	124	26	143
437	110500030103	Lake McMurtry	10	5	7.5	10	0	0	0	0	0	East	252	118	26	143
493	110500030107	Little Stillwater Creek	10	5	0.0	0	0	0	0	0	0	East	845	273	26	143
499	110500030508	Upper Salt Creek	10	10	4.0	0	0	0	0	0	0	East	505	231	26	143
500	110500030509	Lower Salt Creek-Cimarron River	15	15	0.0	0	0	0	0	0	0	East	267	124	30	143
669	110600010306	Lower Beaver Creek	10	10	0.0	0	0	0	0	5	3	East	360	174	31	143
627	110600010501	Kaw Lake Dam	15	15	7.5	0	0	0	0	0	0	East	156	80	148	4
659	110600020402	Turkey Creek	10	15	0.0	0	10	0	0	0	0	West	172	84	32	143
667	110600030304	Middle Driftwood Creek	10	15	0.0	0	10	0	0	0	0	West	172	84	32	143
668	110600030306	Lower Driftwood Creek	10	15	0.0	0	10	0	0	0	0	West	172	84	32	143
626	110600030409	Medicine Lodge River-Salt Fork Arkansas River	10	10	0.0	0	10	0	0	0	0	West	267	124	32	143

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
88	110600040205	Little Sandy-Sandy Creek	10	5	0.0	0	10	0	0	0	0	West	421	187	32	143
164	110600040406	Middle Crooked Creek	10	10	0.0	0	0	0	0	0	5	West	421	187	32	143
67	110600040407	Lower Crooked Creek	10	10	0.0	0	0	0	0	0	8	West	360	174	32	143
69	110600040606	Middle Pond Creek	10	10	0.0	0	0	0	0	0	5	West	421	187	39	143
92	110600040808	Town of Tonkawa-Salt Fork Arkansas River	15	15	0.0	0	0	0	5	0	0	East	172	84	39	143
210	110600040903	Lower Bois d' Arc Creek	10	10	0.0	0	0	0	0	0	0	East	581	242	41	143
822	110600050606	Rock Falls-Chikaskia River	10	5	4.0	0	0	0	0	0	5	West	505	231	41	143
775	110600050702	Headwaters Bitter Creek	10	5	0.0	0	0	0	0	0	5	East	581	242	41	143
902	110600050704	Scatter-Bitter Creek	10	15	0.0	0	0	0	0	0	8	East	214	108	41	143
733	110600050707	Duck Creek	10	15	0.0	0	0	0	0	0	8	East	214	108	148	5
774	110600050708	City of Blackwell-Chikaskia River	10	15	0.0	0	0	0	0	0	8	East	214	108	45	143
897	110600060402	110600060402-Black Bear Creek	10	3	0.0	0	0	0	0	0	0	West	961	286	46	143
826	110600060505	Upper Camp Creek	10	5	3.0	0	0	0	0	0	0	East	711	265	47	143
702	110600060708	Waresha Creek-Arkansas River	15	10	0.0	0	0	0	0	3	0	East	360	174	47	143
703	110600060709	Mud Creek-Arkansas River	10	10	0.0	0	0	0	0	3	0	East	509	233	47	143
221	110701030207	Claymore Creek-Verdigris River	15	3	0.0	0	0	10	0	0	0	East	360	174	47	143
79	110701030309	Steamboat Mound-Verdigris River	10	15	3.0	0	0	10	0	3	3	East	95	58	47	143
116	110701030503	Overcup Bottoms-Oologah Lake	15	15	4.0	0	0	10	0	10	3	East	30	21	47	143
198	110701030505	Plum Creek-Oologah Lake	15	15	0.0	0	0	10	0	5	0	East	86	52	53	143
174	110701030507	Spencer Creek-Oologah Lake	15	15	5.0	10	0	5	0	5	0	East	34	24	53	143
154	110701030508	Blue Creek-Oologah Lake	10	15	15.0	0	0	5	0	0	0	East	86	52	148	6
1031	110701050104	Cat Creek-Dog Creek	10	15	0.0	0	0	0	0	0	3	East	360	174	55	143
194	110701060408	Lower Copan Lake-Little Caney River	10	10	4.0	10	0	0	0	5	0	East	133	68	55	143
114	110701060706	Timberlake Creek-Caney River	10	15	0.0	0	0	10	0	0	3	East	140	73	55	143
1992	110701070302	Lower Birch Creek	10	15	0.0	10	0	0	0	0	0	East	172	84	148	7
2053	110701070402	Flat Rock Creek-Bird Creek	10	10	0.0	0	0	0	0	0	0	East	581	242	58	143
2038	110701070404	Ranch Creek-Bird Creek	10	15	0.0	10	0	0	0	0	0	East	172	84	148	8
100	110702050605	Town Creek-Neosho River	15	3	0.0	0	0	15	0	0	0	East	214	108	59	143
922	110702060103	Fourmile Creek	10	3	0.0	0	0	15	0	0	3	East	256	121	60	143
921	110702060204	Ogechee-Lake O' The Cherokees	10	15	0.0	0	0	10	0	3	0	East	140	73	60	143
746	110702060301	Upper Honey Creek	10	3	0.0	10	0	10	0	0	0	East	214	108	60	143
789	110702060304	Lower Honey Creek	15	5	7.5	0	0	10	0	3	0	East	119	65	60	143
920	110702060401	Wolf Creek-Lake O' The Cherokees	10	15	4.0	0	0	15	0	0	0	East	95	58	60	143
788	110702060403	Lower Horse Creek-Lake O' The Cherokees	10	10	5.0	0	0	10	0	3	0	East	140	73	148	9
957	110702060405	Woodward Hollow-Lake O' The Cherokees	15	15	4.0	0	0	15	0	0	0	East	65	43	65	143
876	110702060406	Pensacola Dam-Lake O' The Cherokees	10	15	12.5	0	0	15	0	3	0	East	33	23	65	143
139	110702071001	Fivemile Creek	10	5	0.0	0	0	15	0	0	0	East	267	124	65	143
159	110702071002	Willow Creek-Spring River	10	3	0.0	0	0	15	0	0	0	East	360	174	65	143
175	110702071005	Flint Branch-Spring River	10	10	0.0	0	0	15	0	0	0	East	172	84	65	143
708	110702090206	Lower Big Cabin Creek	10	15	0.0	0	0	0	0	0	3	East	360	174	65	143
838	110702090306	Upper Spavinaw Creek	10	3	0.0	10	10	15	0	0	5	East	43	29	71	143

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
786	110702090308	Spavinaw Creek Middle	10	10	0.0	10	10	15	0	3	5	East	15	10	72	143
836	110702090311	Rattlesnake Creek-Eucha Lake	10	15	0.0	10	10	15	0	5	10	East	4	3	148	10
915	110702090505	Little Saline	10	5	0.0	0	0	15	0	0	0	East	267	124	73	143
997	110702090704	Mission Bend-Neosho River	10	5	0.0	0	10	5	0	0	0	East	267	124	148	11
831	110702090803	Upper Fort Gibson Lake	10	15	7.5	0	10	5	0	3	0	East	55	34	148	11
871	110702090804	Middle Fort Gibson Lake	10	10	7.5	0	10	10	0	5	0	East	52	33	148	11
950	110702090809	Lower Fort Gibson Lake Dam	15	15	12.5	10	10	10	0	10	0	East	1	1	148	11
224	110902010106	Lower Commission Creek	10	5	0.0	0	0	5	0	3	0	West	509	233	148	11
369	110902010309	Red Creek-Canadian River	10	15	0.0	0	0	5	0	0	0	West	267	124	148	11
427	110902010403	Lone Creek	10	15	0.0	0	0	5	0	0	0	West	267	124	148	11
274	110902010505	Squirrel Creek-Canadian River	10	5	0.0	0	0	5	0	0	0	West	581	242	148	11
1298	110902020406	Outlet Canadian Sandy Creek	10	15	0.0	0	0	5	0	0	0	East	267	124	148	11
1511	110902020501	Willow Creek	10	10	0.0	0	0	5	0	0	0	East	421	187	148	11
1293	110902030103	Elm Creek	10	15	9.0	10	10	0	0	0	0	East	40	27	148	11
1253	110902030106	Upper Hog Creek	10	15	0.0	10	10	0	0	0	0	East	86	52	148	11
1291	110902030108	Clear Creek	10	15	12.5	10	10	0	0	5	0	East	18	13	148	11
1300	110902030204	Bruno Creek	10	3	0.0	0	0	0	0	0	0	East	961	286	148	11
1517	110902030311	110902030311-Little River	10	3	0.0	0	0	0	0	0	0	East	961	286	148	11
1404	110902040104	Middle Mill Creek	10	10	0.0	0	0	5	0	3	3	East	256	121	74	143
1497	110902040105	Lower Mill Creek	10	5	0.0	0	0	5	0	5	0	East	421	187	74	143
1405	110902040208	Eufaula Lake-Canadian River	10	15	0.0	0	0	5	0	5	8	East	97	60	74	143
1408	110902040307	Cedar Creek-Gains Creek	10	15	0.0	0	0	0	5	0	5	East	172	84	74	143
1500	110902040308	Boiling Springs-Gains Creek	10	15	0.0	0	0	0	5	0	5	East	172	84	74	143
1267	110902040309	Adamson-Gains Creek	10	10	4.0	0	0	0	5	5	5	East	133	68	74	143
1378	110902040602	Buffalo Creek-Eufaula Lake	10	15	0.0	0	0	0	0	3	5	East	214	108	74	143
1308	110902040606	Fin & Feather Lake-Eufaula Lake	15	15	4.0	0	0	0	0	0	5	East	133	68	74	143
1450	110902040607	Arrowhead State Park-Eufaula Lake	15	15	3.0	0	0	5	0	3	5	East	84	51	74	143
712	111001010309	111001010309-North Canadian River	10	15	0.0	10	0	0	0	0	0	West	172	84	148	26
840	111001010805	111001010805-Beaver River	15	15	0.0	0	0	0	0	0	0	West	267	124	148	26
932	111001020510	111001020510-Beaver River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	26
805	111001020603	111001020603-Beaver River	10	15	0.0	0	0	0	0	5	3	West	214	108	83	143
758	111001020606	Town of Floris-Beaver River	10	15	0.0	0	0	0	0	10	0	West	172	84	83	143
761	111001020609	City of Beaver-Beaver River	10	15	0.0	0	0	0	0	3	0	West	360	174	83	143
1068	111001040504	Sand Draw-Palo Duro Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	83	143
718	111002010402	111002010402-Kiowa Creek	10	3	0.0	0	0	0	0	0	0	West	961	286	83	143
723	111002010408	111002010408-Kiowa Creek	10	5	0.0	0	0	0	0	0	0	West	845	273	83	143
968	111002010504	Upper Duck Pond Creek	15	10	0.0	0	0	0	0	0	0	West	421	187	83	143
812	111002010510	City of Rosston-Beaver River	10	15	0.0	0	0	0	0	0	5	West	267	124	90	143
934	111002010606	111002010606-Beaver River	10	5	0.0	0	0	0	0	0	0	West	845	273	91	143
974	111002010610	Town of Fort Supply-Beaver River	10	15	0.0	0	0	0	0	5	0	West	267	124	148	29
1216	111002030502	Buzzard Creek	10	5	0.0	10	10	0	0	0	0	West	172	84	92	143

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
1129	111002030510	Lower Fort Supply Lake-Wolf Creek	15	10	0.0	10	10	0	0	5	0	West	56	35	92	143
1073	111003010105	Outlet Persimmon Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	92	143
1044	111003010204	Boiling Springs Creek-North Canadian River	15	3	0.0	0	0	0	0	3	0	West	565	241	148	30
1041	111003010205	Upper Indian Creek	10	5	0.0	0	0	0	0	0	0	West	845	273	148	30
1218	111003010206	Lower Indian Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	148	30
1096	111003010304	Bent Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	148	30
1193	111003010402	111003010402-North Canadian River	10	5	0.0	0	0	0	0	0	0	West	845	273	148	30
1191	111003010404	111003010404-North Canadian River	15	3	0.0	0	0	0	0	0	5	West	509	233	148	30
1099	111003010408	Lower Canton Lake	10	5	0.0	0	0	0	0	5	5	West	421	187	148	30
1221	111003010501	Minnehaha Creek	10	3	0.0	0	10	0	0	0	0	West	509	233	148	30
1045	111003010503	111003010503-North Canadian River	15	10	0.0	0	10	0	0	3	0	West	140	73	148	30
1135	111003010605	Sixmile Creek-North Canadian River	10	10	0.0	0	10	0	0	0	0	West	267	124	148	30
1225	111003010702	Fourmile Creek-North Canadian River	10	10	0.0	0	10	0	0	0	0	West	267	124	148	30
1110	111003010704	Shell Creek	10	10	0.0	0	10	0	0	0	0	West	267	124	148	30
1142	111003010708	Lake Overholser-North Canadian River	15	5	9.0	0	10	0	0	3	0	West	107	64	148	30
1512	111003020105	Crooked Oak Creek-North Canadian River	15	15	0.0	0	0	0	0	0	0	East	267	124	148	30
1438	111003020204	Kishketon Lake-North Canadian River	10	15	0.0	0	0	0	0	0	0	East	421	187	148	30
1255	111003020401	Magnolia Creek-Wewoka Creek	10	10	0.0	0	0	0	0	0	0	East	581	242	148	30
1400	111003020405	City of Wewoka-Wewoka Creek	10	5	4.0	0	0	0	0	0	0	East	706	264	148	30
1484	111003020409	Yeager Creek-Wewoka Creek	10	10	0.0	0	0	0	0	0	0	East	581	242	148	30
1444	111003020505	Greasy Creek	10	15	0.0	0	0	0	0	0	0	East	421	187	148	30
1446	111003020611	Lake Wetumka-North Canadian River	10	15	4.0	0	0	0	0	0	0	East	354	173	148	30
1375	111003020701	Alabama Creek	10	15	4.0	10	0	0	0	0	0	East	133	68	148	30
1494	111003020702	Bad Creek	10	15	0.0	0	0	0	0	0	0	East	421	187	148	30
1310	111003020707	111003020707-North Canadian River	10	15	4.0	0	0	0	0	3	0	East	253	119	148	30
1451	111003020709	111003020709-Eufaula Lake	10	10	0.0	0	0	0	0	3	0	East	509	233	148	30
1312	111003020710	111003020710-Eufaula Lake	15	15	0.0	0	0	0	0	10	0	East	120	66	148	30
1531	111003020712	111003020712-Eufaula Lake	15	10	5.0	0	0	0	0	0	0	East	267	124	148	30
238	111003030103	Arcadia Lake-Deep Fork of Canadian River	10	10	6.5	10	0	0	0	0	0	West	163	82	148	30
594	111003030308	Lower Bellcow Creek	10	3	0.0	10	0	0	5	0	3	East	256	121	148	30
599	111003030708	Brawn's Creek	10	5	0.0	0	0	0	0	0	0	East	845	273	148	30
598	111003031004	Coal Creek	10	10	0.0	0	0	0	0	3	0	East	509	233	148	30
459	111003031009	Gentry Creek	10	15	0.0	0	0	0	0	0	0	East	421	187	148	30
405	111003031010	111003031010-Eufaula Lake	10	15	0.0	0	0	0	0	10	0	East	172	84	148	30
602	111003031011	Outlet Deep Fork of Canadian River	15	15	4.0	0	0	0	0	3	0	East	158	81	148	30
456	111101010111	Nickel Creek	10	5	0.0	0	0	0	0	0	0	East	845	273	148	30
349	111101010303	Harlow Creek-Arkansas River	10	10	0.0	0	0	0	0	0	0	East	581	242	148	30
601	111101010304	Mooser Creek-Arkansas River	10	15	0.0	0	0	0	0	0	0	East	421	187	148	30
1116	111101020102	Headwaters Elk Creek	10	5	0.0	0	0	0	0	0	0	East	845	273	148	30
1118	111101020303	Upper Cody Creek	10	15	0.0	0	0	0	0	0	0	East	421	187	95	143
1067	111101020307	Horseshoe Lake-Arkansas River	10	3	0.0	0	0	0	0	5	0	East	711	265	95	143

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
1123	111101020312	Sand Creek-Arkansas River	10	15	0.0	0	0	0	0	5	0	East	267	124	95	143
263	111101030502	Sager Creek	10	3	0.0	15	10	15	0	0	5	East	26	18	95	143
514	111101030504	Lower Flint Creek	10	10	0.0	15	10	15	0	0	5	East	11	7	95	143
563	111101030604	Upper Ballard Creek	15	3	0.0	15	10	15	0	0	5	East	15	10	95	143
417	111101030605	Lower Ballad Creek	10	5	0.0	15	10	15	0	0	5	East	20	15	95	143
561	111101030702	Lower Fly Creek	10	3	0.0	15	10	15	0	0	5	East	26	18	95	143
302	111101030804	City of Tahlequah-Illinois River	10	5	6.5	15	10	15	5	0	5	East	7	5	95	143
301	111101030906	Elk Creek-Tenkiller Ferry Lake	10	15	12.5	10	10	5	0	3	5	East	10	6	95	143
556	111101030907	Tenkiller Ferry Lake Dam	10	15	12.5	10	10	5	0	5	5	East	6	4	95	143
358	111101040105	Lower Sallisaw Creek	10	5	0.0	10	0	10	0	0	0	East	172	84	95	143
510	111101040108	Little Sallisaw Creek	10	5	0.0	0	0	10	0	0	0	East	421	187	107	143
413	111101040205	111101040205-Sansbois Creek	10	15	0.0	0	0	0	0	0	8	East	214	108	148	67
353	111101040213	Pruit Valley-Sansbois Creek	10	5	0.0	10	0	0	0	0	5	East	267	124	148	67
509	111101040216	Hancock Mountain	15	10	0.0	0	0	0	0	0	5	East	267	124	148	67
355	111101040303	Pleasant Creek	10	15	0.0	0	0	10	0	10	5	East	56	35	148	67
255	111101040305	Robert S. Kerr Dam	15	15	0.0	0	0	10	0	3	5	East	67	45	148	67
262	111101040407	Missing Branch-Lee Creek	10	3	0.0	15	0	10	0	0	0	East	140	73	148	67
261	111101040507	Webster Branch-Lee Creek	10	3	0.0	15	0	10	0	0	0	East	140	73	108	143
515	111101040609	Cherokee Chute-Arkansas River	10	5	0.0	0	0	10	0	3	8	East	164	83	108	143
1537	111101050206	Lower Black Fork	10	3	0.0	10	10	5	0	10	5	East	43	29	108	143
1265	111101050403	Bandy Creek	10	10	4.0	10	10	0	0	0	5	East	65	43	108	143
1412	111101050409	Pigeon Creek-Fourche Maline	10	15	0.0	0	10	0	0	0	8	East	97	60	108	143
1349	111101050502	Upper Holson Creek	10	15	0.0	0	10	5	0	5	5	East	56	35	108	143
1415	111101050508	Wister Lake Dam	15	15	6.5	0	10	5	0	5	5	East	19	14	108	143
1385	111101050904	Cedar Creek-Poteau River	10	5	0.0	0	0	5	0	0	5	East	421	187	148	73
1956	111202020303	Cave Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	148	73
2060	111202020405	Spring Branch-Turkey Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
2059	111202020408	Town of Olustee-111202020408	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1934	111202020503	Borders Lake	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1936	111202020504	111202020504-Salt Fork Red River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1356	111203020107	111203020107-North Fork Red River	15	3	0.0	0	0	0	0	0	0	West	711	265	148	73
1323	111203020210	Murtaugh Creek-Sweetwater Creek	15	3	0.0	0	0	0	0	0	0	West	711	265	148	73
1462	111203020213	Freezeout Creek-Sweetwater Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1505	111203020304	111203020304-North Fork Red River	15	3	0.0	0	0	0	0	0	0	West	711	265	148	73
1420	111203020306	Turkey Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	148	73
1387	111203020307	Cat Creek-North Fork Red River	15	5	0.0	0	0	0	0	0	0	West	581	242	148	73
1422	111203020401	Sand Creek	15	3	0.0	0	0	0	0	0	0	West	711	265	148	73
1463	111203020407	Lake Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	148	73
1467	111203020409	111203020409-North Fork Red River	10	5	0.0	0	0	0	0	0	5	West	581	242	148	73
1327	111203020410	Lake Altus-North Fork Red River	10	10	0.0	0	0	0	0	5	5	West	267	124	148	73
1246	111203030107	111203030107-Trail Creek	10	5	0.0	0	0	0	0	0	0	West	845	273	148	73

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
1430	111203030303	Tom Steed Reservoir	15	10	7.5	10	0	0	0	10	5	West	29	20	148	73
1466	111203030403	Quarts Mountain	10	15	0.0	0	0	0	0	3	5	West	214	108	148	73
1359	111203030404	City of Warren-North Fork Red River	10	15	0.0	0	0	0	0	0	5	West	267	124	148	73
1469	111203030406	City of Headrick-North Fork Red River	10	15	0.0	0	0	0	0	0	5	West	267	124	148	73
1243	111203030502	Headwaters Stinking Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1325	111203030507	111203030507-North Fork Red River	10	10	0.0	0	0	0	0	0	8	West	360	174	148	73
1976	111203040108	Lower North Elm Creek	10	5	0.0	0	0	0	0	0	0	West	845	273	148	73
1935	111203040207	Station Creek	10	5	0.0	0	0	0	0	0	0	West	845	273	148	73
2062	111203040208	Sleepy John Creek-Elm Fork Red River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1541	111301010305	Salt Valley-Sandy Creek	10	15	0.0	0	0	0	0	0	5	West	267	124	148	73
1543	111301010307	Town of Lincoln-Sandy Creek	10	15	0.0	0	0	0	0	0	5	West	267	124	148	73
1894	111301020103	Town of Fargo-Red River	15	15	0.0	0	0	0	0	0	0	West	267	124	148	73
1917	111301020107	Cowboy Springs-Red River	15	15	0.0	0	0	0	0	0	0	West	267	124	148	73
1874	111301020205	Augur Creek-Red River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1839	111301020206	Curtis Creek-Red River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	73
1918	111301020303	Goat Island-Red River	10	15	0.0	0	0	0	0	0	0	West	421	187	115	143
1821	111301020305	McFarland Springs-Red River	15	15	0.0	0	0	0	0	0	0	West	267	124	115	143
1919	111301020307	Pumpkin Ridge-Red River	15	10	0.0	0	0	0	0	0	0	West	421	187	115	143
1795	111302010105	Irving Corner-Red River	15	15	0.0	0	0	0	0	0	5	West	172	84	115	143
1856	111302010211	Fleetwood Creek-Red River	15	15	0.0	0	0	0	0	0	0	West	267	124	115	143
1778	111302010314	111302010314-Mud Creek	10	15	0.0	0	0	0	0	0	0	West	421	187	115	143
1796	111302010502	Panther Creek-Red River	10	10	0.0	0	0	0	0	0	0	West	581	242	115	143
1797	111302010504	Village Creek-Red River	10	10	0.0	0	0	0	0	0	3	West	509	233	115	143
1897	111302010508	Campbell Branch-Red River	15	15	0.0	0	0	0	0	0	0	West	267	124	115	143
1684	111302020205	Tahoe Creek-East Cache Creek	10	10	0.0	10	0	0	0	0	0	West	267	124	115	143
1686	111302020209	Lake Ellsworth-East Cache Creek	10	15	0.0	10	0	0	0	0	0	West	172	84	115	143
1685	111302020309	Town of Temple-East Cache Creek	10	15	4.0	10	0	0	0	0	8	West	81	49	115	143
2064	111302030105	111302030105-Deep Red Creek	10	15	0.0	0	0	0	0	0	5	West	267	124	148	105
2028	111302030106	111302030106-Deep Red Creek	10	15	0.0	0	0	0	0	0	5	West	267	124	127	143
2042	111302030203	Upper Little Deep Red Creek	10	15	0.0	0	0	0	0	0	5	West	267	124	148	106
2029	111302030305	111302030305-Deep Red Creek	10	15	0.0	0	0	0	0	0	8	West	214	108	148	106
1941	111302030306	Brush Creek-Deep Red Creek	10	15	0.0	0	0	0	0	0	5	West	267	124	148	106
1982	111302030402	111302030402 Unnamed Tributary	10	15	0.0	0	0	0	0	0	3	West	360	174	148	106
1943	111302030602	Upper Blue Beaver Creek	10	10	0.0	0	0	0	0	5	5	West	267	124	128	143
1997	111302030610	Outlet West Cache Creek	15	15	0.0	0	0	0	0	0	10	West	120	66	128	143
1549	111302080203	Whiskey Creek	10	10	0.0	10	0	0	0	0	0	West	267	124	128	143
1548	111302080302	Willow creek	10	3	0.0	0	0	0	0	0	5	West	711	265	128	143
1688	111302080305	Lower Dry Creek	10	15	0.0	0	0	0	0	0	5	West	267	124	148	110
1752	111302080402	Waurika Lake-Beaver Creek	10	15	15.0	10	0	0	0	5	8	West	15	10	148	111
10	111302100104	Lake Murray	10	10	6.5	10	0	0	0	10	0	East	83	50	148	111
17	111302100304	Delaware Bend-Red River	10	10	0.0	0	0	0	0	3	0	East	509	233	148	111

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
37	111302100305	Fobb Bottom-Red River	10	3	0.0	0	0	0	0	5	0	East	711	265	148	111
11	111302100505	Denison Dam-Red River	15	15	0.0	0	0	0	0	0	0	East	267	124	148	111
364	111303010206	Spring Creek Lake-Washita River	10	15	0.0	0	0	0	0	5	0	West	267	124	148	111
317	111303010405	Middle Cyclone Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	148	111
424	111303010504	Hammon Junction-Washita River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	111
572	111303020306	Middle Rainy Mountain Creek	10	5	0.0	0	0	0	0	0	5	West	581	242	148	111
486	111303020507	Willow Creek	10	10	0.0	10	10	0	0	3	0	West	97	60	148	111
327	111303020508	Ft Cobb Reservoir-Cobb Creek	15	10	4.0	10	10	0	0	5	0	West	40	27	148	111
381	111303020711	Public Service Reservoir #3-Washita River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	111
329	111303020803	McCarty Creek-Little Washita River	10	5	0.0	0	0	0	0	0	0	West	845	273	148	111
540	111303020902	Stinking Creek	10	10	0.0	0	10	0	0	0	0	West	267	124	148	111
1725	111303030105	Dry Creek-Washita River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	111
1633	111303030112	Happy Hollow Creek-Washita River	10	15	0.0	0	0	0	0	0	0	West	421	187	148	111
1610	111303030310	Wolf Creek-Washita River	10	15	0.0	0	0	0	0	0	0	East	421	187	132	143
1577	111303030401	Lake Humphreys	10	5	6.5	10	0	0	0	0	0	West	255	120	132	143
1693	111303030407	Sandy Bear Creek-Wildhorse Creek	10	5	0.0	0	0	0	0	0	0	West	845	273	132	143
1661	111303030502	Lower Salt Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	132	143
1554	111303030701	Headwaters Caddo Creek	10	10	0.0	0	0	0	0	0	0	West	581	242	132	143
1925	111303040304	Newberry Creek-Washita River	10	15	0.0	0	0	0	0	0	0	East	421	187	132	143
1802	111303040305	Rock Creek-Washita River	10	15	0.0	0	0	0	0	3	0	East	360	174	138	143
1642	111401030304	Atoka Reservoir	10	15	5.0	10	0	0	0	3	5	East	67	45	148	127
1766	111401030503	Cat Creek-McGee Creek	10	15	0.0	10	0	0	0	10	5	East	56	35	148	127
1737	111401030504	Middle McGee Creek	10	15	0.0	10	0	0	0	10	5	East	56	35	148	127
1647	111401030505	Lower McGee Creek	10	5	4.0	10	0	0	0	5	5	East	133	68	148	127
1656	111401050102	Billy Creek	10	5	0.0	0	0	15	0	10	5	East	86	52	148	127
1678	111401050209	Sardis Lake	10	15	4.0	10	0	15	0	0	5	East	25	17	139	143
1593	111401050404	Lower Pine Creek	15	3	0.0	0	0	15	0	0	5	East	140	73	139	143
1740	111401050501	Upper Cedar Creek	10	5	0.0	10	0	15	0	5	5	East	56	35	139	143
1675	111401050506	Lower One Creek	10	5	0.0	10	0	15	0	5	5	East	56	35	148	132
1768	111401050602	Upper Tenmile Creek	10	15	0.0	0	0	15	0	0	5	East	86	52	148	132
1649	111401050707	Hugo Lake	15	15	0.0	0	0	15	0	10	5	East	20	15	148	132
1708	111401050708	Hugo Lake Dam	10	15	0.0	0	0	15	0	3	5	East	67	45	148	132
26	111401060403	Norwood Creek	10	10	0.0	0	0	5	0	5	5	East	172	84	148	132
47	111401060407	Whitaker Bend Cut off-Red River	15	15	0.0	0	0	5	0	0	8	East	97	60	148	132
1812	111401070104	Black Fork Creek	10	15	0.0	10	0	5	0	3	5	East	67	45	148	132
1847	111401070108	Cloudy Creek	10	10	0.0	10	0	5	0	5	5	East	86	52	148	132
1867	111401070306	Pine Creek Lake	10	15	0.0	10	0	10	0	5	5	East	34	24	148	132
1930	111401070307	Cypress Creek	10	10	0.0	10	0	15	0	0	5	East	56	35	142	143
1869	111401070406	Mud Creek-Rock Creek	10	10	0.0	10	0	15	0	3	5	East	43	29	142	143
1893	111401080105	Cedar Creek-Mountain Fork	15	3	0.0	15	0	15	0	3	5	East	31	22	142	143
1872	111401080202	Beech Creek-Cow Creek	10	10	0.0	15	0	15	0	10	5	East	11	7	142	143

Map ID #	HUC 12 #	HUC 12 Name	% Impaired Score	Pollutant Priority Score	PWS Score	Highest Protected Waterbody Score	NLW Score	Federal and State T&E Score	USFWS Priority Wetland Score	App B % of HUC Score	Conservation Program Score	HUC Location	HUC12 Rank	Category I Rank	East Category I Rank	West Category I Rank
1890	111401080207	Big Eagle Creek	10	10	0.0	15	0	15	0	0	5	East	34	24	148	141
1852	111401080303	Lower Buffalo Creek	10	3	0.0	10	0	15	0	10	5	East	43	29	148	141
1815	111401080305	Holly Creek Mountain Fork	10	15	0.0	10	0	15	0	10	5	East	11	7	146	143
1851	111401080306	Broken Bow Lake Dam	15	15	6.5	10	0	15	0	10	5	East	3	2	146	143