

Table 1. Comparison of geometric means to the Oklahoma Scenic River total phosphorus criterion calculated from 1999-2018¹ and 2013-2018.

Station (see footnotes)	1999-2018 (3-month GM'S)			2013-2018 (3-month GM'S)		
	N (Period)	N< 0.037	% Exceeding 0.037	N (Period)	N< 0.037	% Exceeding 0.037
Illinois River near Watts ²	339	11	97%	68	6	91%
Illinois River near Tahlequah ²	342	22	94%	68	13	81%
Flint Creek near Kansas ²	324	0	100%	69	0	100%
Barren Fork near Eldon ²	327	183	44%	67	50	25%
Little Lee Creek near Nicut ¹	104	100	4%	48	48	0%
Lee Creek near Short	228	217	5%	51	51	0%
Mountain Fork River near Smithville	196	159	19%	50	46	8%

¹Little Lee Creek near Nicut Period of Record Dataset from 2008-2016

²Dataset meets USAP data requirements

Table 2. Waters Listed on Oklahoma's 2016 303(d) List

Impaired Waters in the Illinois River Basin

OKWBID	Name	Listed on 303(d) for Impairments
121700020020	Tenkiller Ferry Lake	Dissolved Oxygen, TP
121700020110	Chicken Creek	Fish Bioassessment
121700020220	Tenkiller Ferry Lake, Illinois River Arm	Chlorophyll-a, TP
121700030010	Illinois River – Tahlequah	TP, Enterococcus
121700030040	Tahlequah Creek (Town Branch)	<i>Escherichia coli</i>
121700030080	Illinois River	TP, Lead, <i>Escherichia coli</i> ,
121700030280	Illinois River – Chewey Bridge	TP, <i>Escherichia coli</i> , Turbidity, Enterococcus
121700030290	Flint Creek	TP, Dissolved Oxygen
121700030350	Illinois River – Watts	TP, Enterococcus, <i>Escherichia coli</i>
121700030370	Ballard Creek	Enterococcus
121700040010	Caney Creek	Enterococcus
121700050010	Illinois River - Baron Fork	TP, Enterococcus
121700050090	Tyner Creek	Enterococcus
121700050120	Peacheater Creek	Enterococcus
121700060010	Flint Creek	TP, Enterococcus
121700060040	Battle Creek (Battle Branch)	Enterococcus
121700060080	Sager Creek	DO, Sedimentation/Siltation, Enterococcus, Macro

Other Notable Impaired Waters in the Compact Area

OKWBID	Name	Listed on 303(d) for Impairments
220100010010	Poteau River (Below Wister)	Silver, Cadmium, Copper, Lead, Selenium, Turbidity
220100020020	Wister Lake	Chlorophyll-a, pH, Dissolved Oxygen, Turbidity TP, listed as an NLW in the OWQS
220200050010	Lee Creek	Lead, Enterococcus
220200050040	Little Lee Creek	Lead