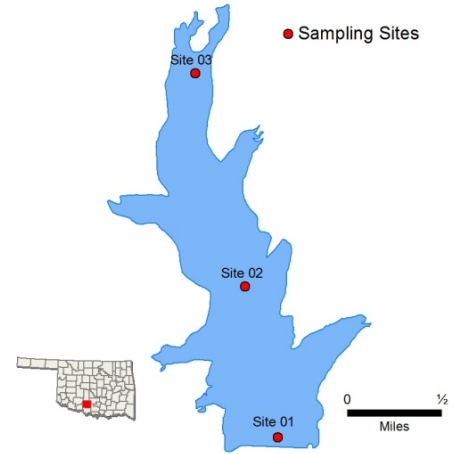


# Clear Creek

Sample Period	Times Visited	Sampling Sites
December 2017 – September 2018	4	3

General	Location	Stephens County
	Impoundment	1948
	Area	722 acres
	Capacity	7,711 acre-feet
	Purposes	Water Supply, Recreation



Parameters	In Situ	Parameter ( <i>Descriptions</i> )	Result	Notes/Comments
		Average Turbidity	7 NTU	100% of values < OWQS of 25 NTU
		Average Secchi Disk Depth	115 cm	
		Water Clarity Rating	Excellent	
		Chlorophyll-a	10.4 mg/m <sup>3</sup>	
		Trophic State Index	54	Previous Value=61
	Trophic Class	Eutrophic		
	Profile	Salinity	0.31 – 0.34 ppt	
		Specific Conductivity	416.4 – 714 μS/cm	
		pH	7.37 – 8.26 pH units	
		Oxidation-Reduction Potential	67 to 501.6 mV	
		Dissolved Oxygen	Up to 30% of water column < 2 mg/L in August	
	Nutrients	Surface Total Nitrogen	0.72 mg/L to 1.08 mg/L	
		Surface Total Phosphorus	0.014 mg/L to 0.035 mg/L	
		Nitrogen to Phosphorus Ratio	37:1	Phosphorus limited

Beneficial Uses	<a href="#">Click to learn more about Beneficial Uses</a>	Turbidity	pH	Dissolved Oxygen	Metals	TSI	True Color	Sulfates	Chlorides	Total Dissolved Solids	Enterococci & E. coli	Chlor-a
	Fish & Wildlife Propagation	S	S	S	S							
	Aesthetics					S	*					
	Agriculture							NS	NS	NS		
	Primary Body Contact Recreation										S	
	Public & Private Water Supply											NS
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		<b>Notes</b> *Standards revision, true color is for permitting purposes only.										

NTU = nephelometric turbidity units  
 μS/cm = microsiemens per centimeter  
 E. coli = Escherichia coli

OWQS = Oklahoma Water Quality Standards  
 mV = millivolts  
 Chlor-a = Chlorophyll-a

mg/L = milligrams per liter  
 μS/cm = microsiemens/cm

ppt = parts per thousand  
 En = Enterococci