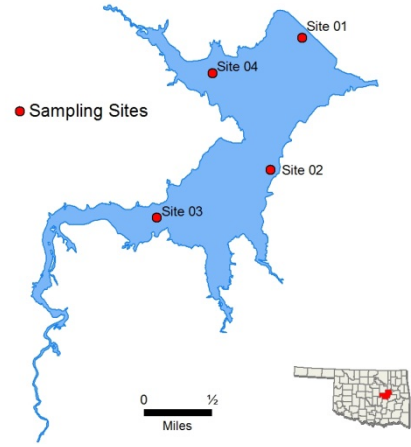


Dripping Springs



Sample Period	Times Visited	Sampling Sites
October 2016 – August 2017	4	5

General	Location	Okmulgee County
	Impoundment	1950
	Area	1,150 acres
	Capacity	16,200 acre-feet
	Purposes	Water Supply, Recreation and Flood Control

Parameters	In Situ	Parameter (<i>Descriptions</i>)	Result	Notes/Comments
		Average Turbidity	14 NTU	13% of values < OWQS of 25 NTU
		Average Secchi Disk Depth	90 cm	
		Water Clarity Rating	Good	
		Chlorophyll-a	5.1 mg/m3	
		Trophic State Index	47	Previous value = 50
	Trophic Class	Mesotrophic		
	Profile	Salinity	0.04 – 0.07 ppt	
		Specific Conductivity	95.5 – 147 µS/cm	
		pH	6.39–7.88 pH units	Only 4.5 % of values below 6.5
		Oxidation-Reduction Potential	61 to 488.2 mV	
		Dissolved Oxygen	Up to 60% of water column < 2.0 mg/L in June	
	Nutrients	Surface Total Nitrogen	0.36 mg/L to 0.89 mg/L	
		Surface Total Phosphorus	0.016 mg/L to 0.069 mg/L	
		Nitrogen to Phosphorus Ratio	19:1	Phosphorus limited

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

NTU = nephelometric turbidity units OWQS = Oklahoma Water Quality Standards mg/L = milligrams per liter ppt = parts per thousand
 µS/cm = microsiemens per centimeter mV = millivolts µS/cm = microsiemens/cm En = Enterococci
 E. coli = Escherichia coli Chlor-a = Chlorophyll-a