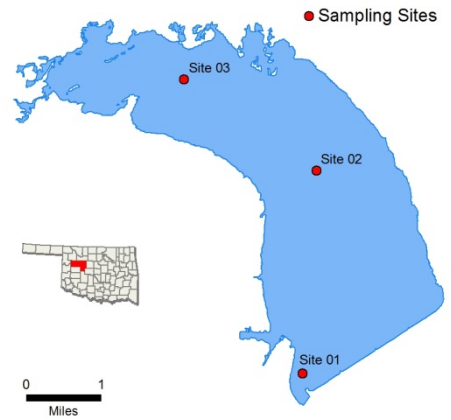


# Canton

Sample Period	Times Visited	Sampling Sites
October 2018 - July 2019	4	3

General	Location	Blaine County
	Impoundment	1948
	Area	7,910 acres
	Capacity	111,310 acre-feet
	Purposes	Flood Control, Water Supply, Irrigation



Parameters	In Situ	Parameter ( <i>Descriptions</i> )	Result	Notes/Comments
		Average Turbidity	19 NTU	25% of values > OWQS of 25 NTU (n=12)
		Average Secchi Disk Depth	71 cm	
		Water Clarity Rating	Poor	
		Chlorophyll-a	32.09 mg/m <sup>3</sup>	
		Trophic State Index	65	Previous value = 56
	Trophic Class	Hypereutrophic		
	Profile	Salinity	0.65 – 0.96 ppt	
		Specific Conductivity	1321 – 1886 µS/cm	
		pH	7.13 – 8.38 pH units	Neutral to slightly alkaline
		Oxidation-Reduction Potential	-236.2 – 436.4 mV	
		Dissolved Oxygen	74% of recorded values below 2 mg/L during July	
Nutrients	Surface Total Nitrogen	0.81 mg/L to 1.39 mg/L		
	Surface Total Phosphorus	0.047 mg/L to 0.095 mg/L		
	Nitrogen to Phosphorus Ratio	16:1	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	En & E. coli	Chlor-a
	Fish & Wildlife Propagation	NS	S	S	S							
	Aesthetics					S	*					
	Agriculture							S	S	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>		<b>Notes</b> *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