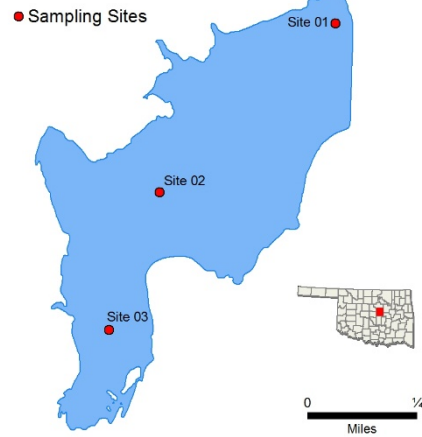


# Meeker



Sample Period	Times Visited	Sampling Sites
November 2018 – September 2019	4	3

General	Location	Lincoln County
	Impoundment	1970
	Area	250 acres
	Capacity	1,818 acre-feet
	Purposes	Water Supply, Recreation, Flood Control

Parameters	In Situ	Parameter ( <a href="#">Descriptions</a> )	Result	Notes/Comments
		Average Turbidity	93 NTU	100% of values > OWQS of 25 NTU (n=12)
		Average Secchi Disk Depth	21 cm	
		Water Clarity Rating	Poor	
		Chlorophyll-a	28.64 mg/m <sup>3</sup>	
		Trophic State Index	64	Previous value = 50
	Trophic Class	Hypereutrophic		
	Profile	Salinity	0.07 – 0.10 ppt	
		Specific Conductivity	144.0 – 203.7 μS/cm	
		pH	7.06 – 8.38 pH units	Neutral to slightly alkaline
		Oxidation-Reduction Potential	153.2 – 470.8 mV	
		Dissolved Oxygen	All data are above screening level of 2.0 mg/L	
	Nutrients	Surface Total Nitrogen	0.455 mg/L to 1.40 mg/L	
		Surface Total Phosphorus	0.045 mg/L to 0.143 mg/L	
		Nitrogen to Phosphorus Ratio	11:1	Phosphorus limited, possibly co-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	*							
	Aesthetics					S	*					
	Agriculture							S	S	S		
	Primary Body Contact Recreation										S	
	Public & Private Water Supply											

S = Fully Supporting  
 NS = Not Supporting  
 NEI = Not Enough Information

**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