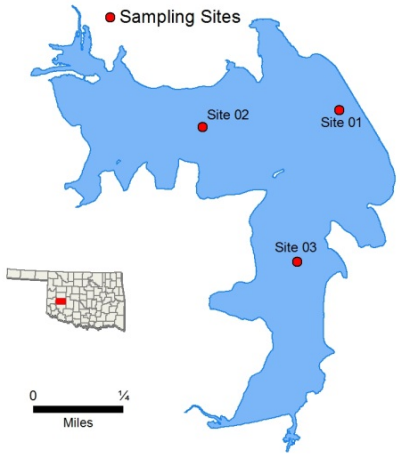
Clinton

Sample Period	Times Visited	Sampling Sites
November 2017 – August 2018	4	3



General

Location	Washita County
Impoundment	1931
Area	335 acres
Capacity	3,980 acre-feet
Purposes	Water Supply, Recreation

Parameters

	Parameter (Descriptions)	Result	Notes/Comments
In Situ	Average Turbidity	22 NTU	25% of values > OWQS of 25 NTU
	Average Secchi Disk Depth	46 cm	
	Water Clarity Rating	Fair	
	Chlorophyll-a	32 mg/m3	
	Trophic State Index	65	Previous Value=65
	Trophic Class	Hypereutrophic	
Profile	Salinity	0.29 – 0.34 ppt	
	Specific Conductivity	595 – 701.7 µS/cm	
	pH	8.38 – 8.73 pH units	Slightly alkaline
	Oxidation-Reduction Potential	245.7 – 454 mV	
	Dissolved Oxygen		
Nutrients	Surface Total Nitrogen	1.07 mg/L to 1.69 mg/L	
	Surface Total Phosphorus	0.057 mg/L to 0.111 mg/L	
	Nitrogen to Phosphorus Ratio	16:1	Phosphorus limited

Beneficial Uses

Click to learn more about Beneficial Uses	Turbidity	pH	Dissolved Oxygen	Metals	TSI	True Color	Sulfates	Chlorides	Total Dissolved Solids	Enterro. & E. coli	Chlor-a
Fish & Wildlife Propagation	NS	S	S	S							
Aesthetics					NEI*	*					
Agriculture							S	S	S		
Primary Body Contact Recreation											
Public & Private Water Supply											NS

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

Notes

*The lake is listed in the WQS as a NLW indicating that the Aesthetics beneficial use is considered threatened by nutrients until studies can be conducted to confirm non-support status.
*Standards revision, true color only for permitting purposes.

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