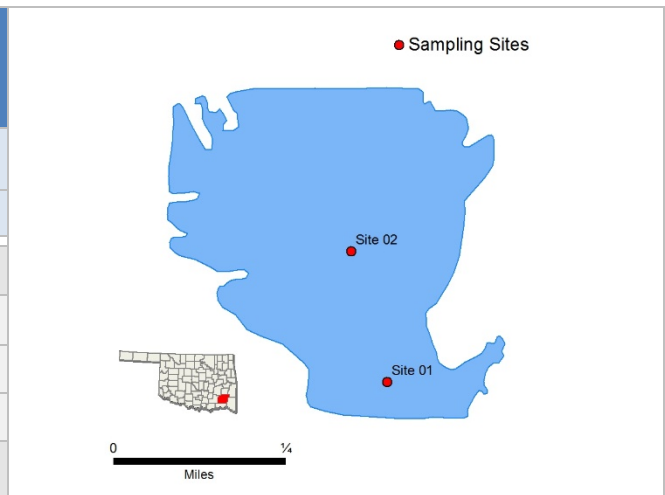


Nanah Waiya

Sample Period	Times Visited	Sampling Sites
December 2007 – July 2008	4	5

General	Location	Pushmataha County
	Impoundment	1958
	Area	131 acres
	Capacity	1,064 acre feet
	Purposes	Recreation



Parameters	In Situ	Parameter (<i>Descriptions</i>)	Result	Notes/Comments
		Average Turbidity	9 nephelometric turbidity units (NTU)	All values < 25 NTU
		Average True Color	45 units	25% of values > OWQS of 70
		Average Secchi Disk Depth	98 cm	
		Water Clarity Rating	average	
		Trophic State Index	45	Previous value = 45
	Trophic Class	mesotrophic		
	Profile	Salinity	0.0 – 0.10 ppt	
		Specific Conductivity	63 – 262 μ S/cm	
		pH	6.31 – 8.22 pH units	4 values (6.5%) < 6.5 pH units
		Oxidation-Reduction Potential	5 to 576 mV	
		Dissolved Oxygen	Up to 42% of water column < 2 mg/L in August	Occurred at site 1
	Nutrients	Surface Total Nitrogen	0.32 mg/L to 0.70 mg/L	
		Surface Total Phosphorus	0.018 mg/L to 0.032 mg/L	
		Nitrogen to Phosphorus Ratio	18:1	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	S	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>		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
 μ S/cm = microsiemens per centimeter mV = millivolts μ S/cm = microsiemens/cm En = Enterococci
 E. coli = Escherichia coli Chlor-a = Chlorophyll-a