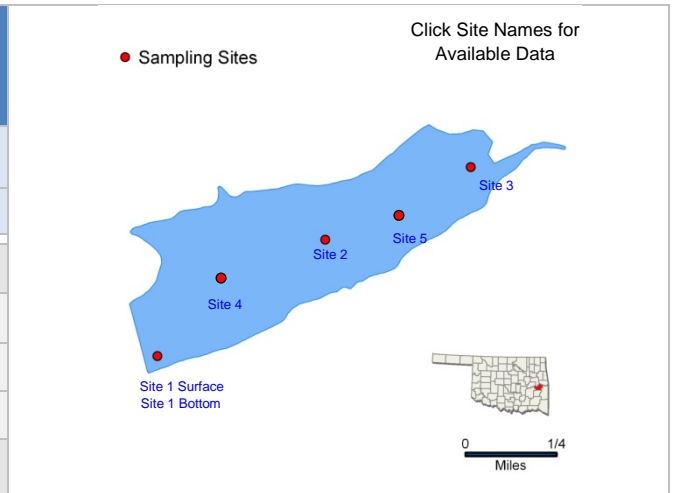


John Wells

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

General	Location	Haskell County	Click map for site data
	Impoundment	1936	
	Area	194 acres	
	Capacity	1,352 acre-feet	
	Purposes	Water Supply, Recreation	



		Parameter (<i>Descriptions</i>)	Result	Notes/Comments
Parameters	In Situ	Average Turbidity	4 NTU	100% of values < OWQS of 25 NTU (n=10)
		Average Secchi Disk Depth	146 cm	
		Water Clarity Rating	Excellent	
		Chlorophyll	5.2 mg/L	
		Trophic State Index	47	Previous value = 45
		Trophic Class	Mesotrophic	
	Profile	Salinity	0.03 – 0.08 ppt	
		Specific Conductivity	75.2 – 165.2 μ S/cm	
		pH	6.39 – 8.74 pH units	4.8% of values < 6.50 pH
		Oxidation-Reduction Potential	95.2 – 546.3 mV	
		Dissolved Oxygen	Up to 50% of water column < 2.0 mg/L in July	
	Nutrients	Surface Total Nitrogen	0.42 mg/L to 0.55 mg/L	
		Surface Total Phosphorus	0.014 mg/L to 0.018 mg/L	
		Nitrogen to Phosphorus Ratio	31:1	Phosphorus limited

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