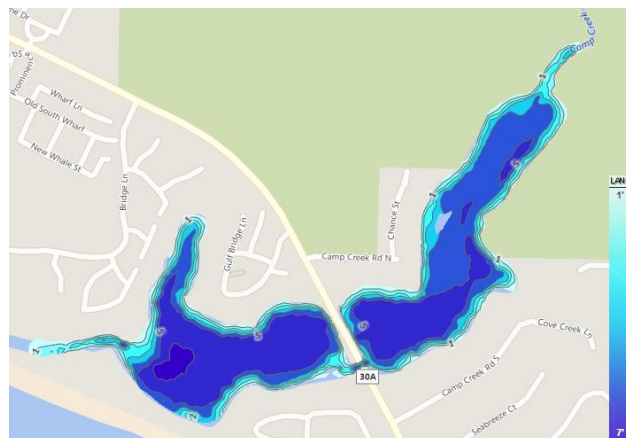


Camp Creek Lake, Walton County



Lake Details

Outfall: present

Watershed area: 213 hectares

Lake surface area: 26 hectares

Average depth: 1.39 meters

Water Chemistry Data - 2017

Summary statistics include mean, maximum (Max), minimum (Min), median, and standard error (Std Error) calculated for total phosphorous (TP) (n = 12 samples), total nitrogen (TN) (n = 12 samples), total chlorophyll (CHL) (n = 12 samples), water transparency (Secchi Depth) (n = 12 samples), temperature (n = 12 samples), dissolved oxygen (n = 12 samples), pH (n = 12 samples), salinity (n = 12 samples), turbidity (n = 12 samples), color (n = 4 samples), and specific conductance (n = 4 samples) measurements.

2017 Summary Statistics

	Mean	Max	Min	Median	Std Error
TP (µg/L)	9	20	6	9	1
TN (µg/L)	478	823	262	488	48
CHL (µg/L)	2	7	1	3	1
Secchi Depth (m)	1	2	0	1	0
Temperature (C)	24	31	18	26	1
Dissolved Oxygen (mg/L)	6	8	5	7	0
pH	7	5	9	7	6
Salinity (ppt)	1	3	0	2	0
Turbidity (NTU)	2	35	0	2	3
Color (Pt-co Units)	164	375	89	147	63
Specific Conductance (µS/cm)	2580	4470	823	3500	810

Water Chemistry Data - 1992 through 2017

Summary statistics include mean, maximum (Max), minimum (Min), median, and standard error (Std Error) summary statistics calculated on an annual basis using monthly data for total phosphorous (TP), total nitrogen (TN), total chlorophyll (CHL), water transparency (Secchi Depth), temperature, dissolved oxygen, pH, salinity, turbidity, color, and specific conductance. Summary statistics represent Long-Term analyses among annual means from 1992 through 2017.

Long-Term Summary Statistics

	Mean	Max	Min	Median	Std Error
TP (µg/L)	8	12	4	8	0
TN (µg/L)	384	501	306	380	12
CHL (µg/L)	3	6	1	3	0
Secchi Depth (m)	1	1	1	1	0
Temperature (C)	23	31	18	23	1
Dissolved Oxygen (mg/L)	7	9	5	7	0
pH	7	6	8	7	7
Salinity (ppt)	2	10	0	2	1
Turbidity (NTU)	2	7	0	2	1
Color (Pt-co Units)	91	164	53	103	10
Specific Conductance (µS/cm)	2050	9780	677	2580	798

Long-Term Trophic State Variable Trend Analyses

Monthly total phosphorous ($\mu\text{g/L}$), total nitrogen ($\mu\text{g/L}$), total chlorophyll ($\mu\text{g/L}$) and water transparency (m) from 1992 through 2017 for Camp Creek Lake. These data show the intra-annual variance with trend line and associated 95% confidence level.

Kendall-Tau trend analysis results are shown for total phosphorus, total nitrogen, total chlorophyll, and water transparency on the top-left of each plot. Not significant indicates there was no significant trend measured. Positive indicates a significant, increasing trend was found over time. Negative indicates a significant, decreasing trend among years.

