



Area Description:

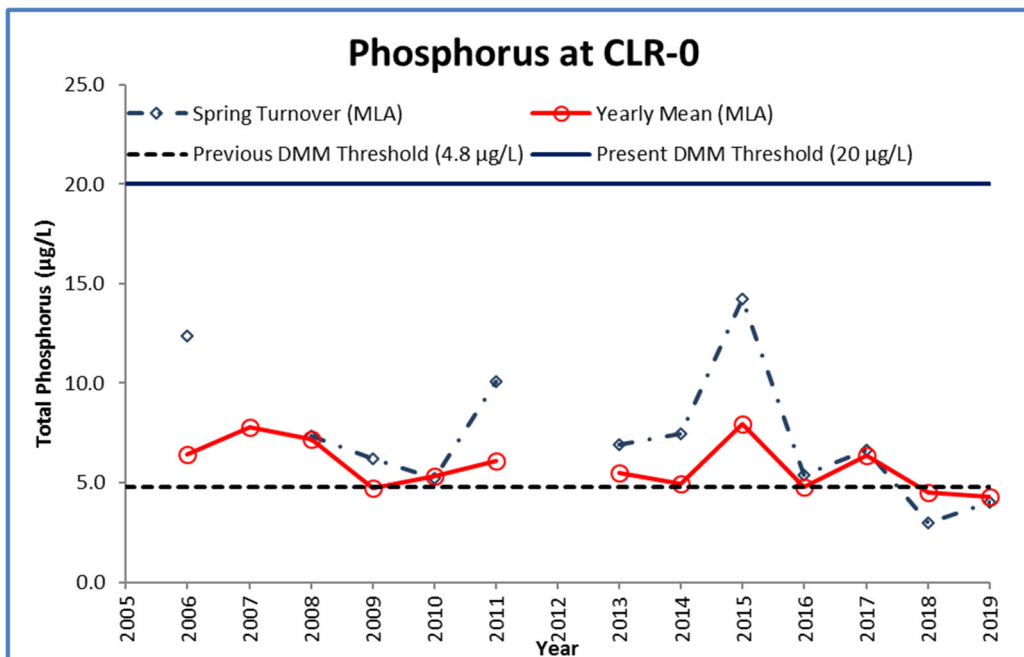
Clear Lake, also called Torrance Lake, is a moderately developed lake with much of the shoreline area converted into residential lots. It is also adjacent to highway 169. This lake is 152 ha in size, has a maximum depth of 16 m and has a very small watershed. There is limited inflow and outflow of water on this lake. Clear Lake was historically classified as moderately sensitive and over threshold by the DMM. Monitoring started in 2006. All stations shown may not be sampled each year.

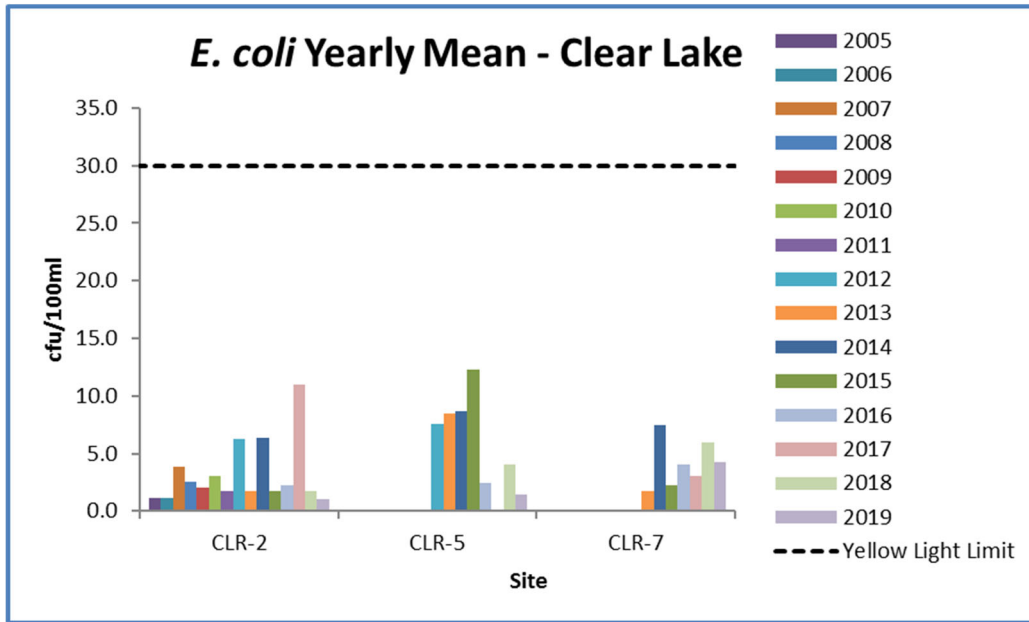
Volunteer Recognition: Bob and Sharon Cleverdon.

Clear Lake (CLR)

2019 Water Quality Results: (Note: Hatched cell signifies not tested for in 2019)

Station	Mean Secchi Disk (m)	Total Phosphorus (µg/L)		E. coli Yearly Geometric Mean (cfu/100 ml)	Total Coliform Yearly Geometric Mean (cfu/100 ml)
		Spring Turnover	Yearly Mean		
CLR-0	6.2	4.0	4.3		
CLR-2		4.6	4.7	1.0	46.7
CLR-5		4.5	4.4	1.4	52.9
CLR-7				4.2	46.4





Summary and Recommendations:



Yearly mean and spring phosphorus concentrations at the deep station (CLR-0) were below the historic DMM threshold of 4.8 µg/L for 2019, and all readings remain well below the present DMM threshold (20 µg/L). The spring phosphorus concentration at CLR-2 was the lowest recorded in 10 years of sampling. The *E. coli* levels at the three nearshore sites sampled in 2019 were well below the MLA stoplight limits (details in report Section 3). Secchi measurements vary through sampling years, ranging between 3.63 and 9.30 m (2007). **Beacon recommends that sampling continue to monitor long-term trends.**