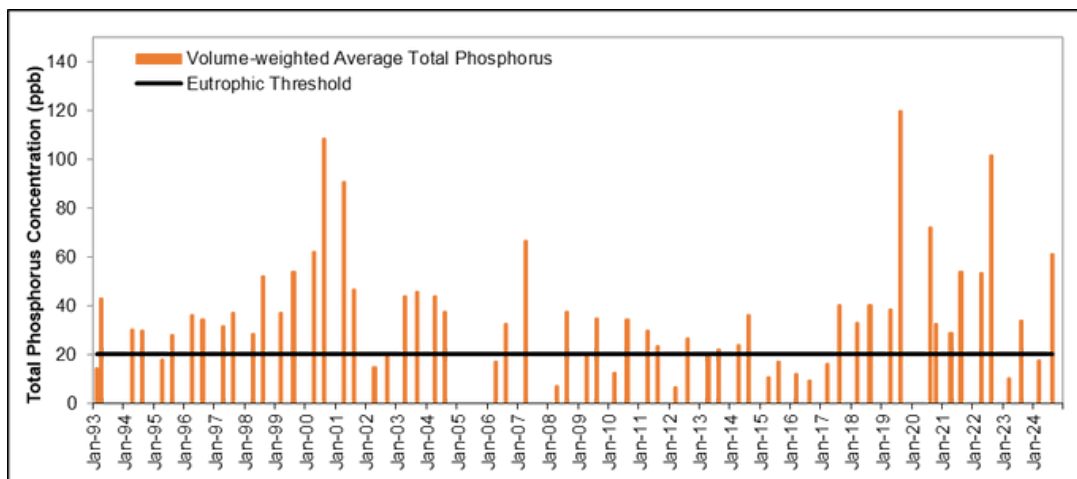
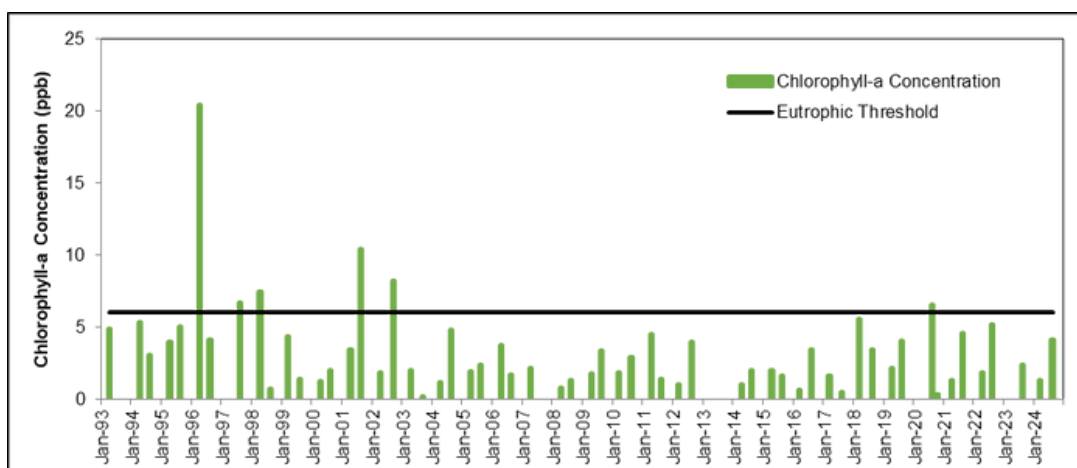
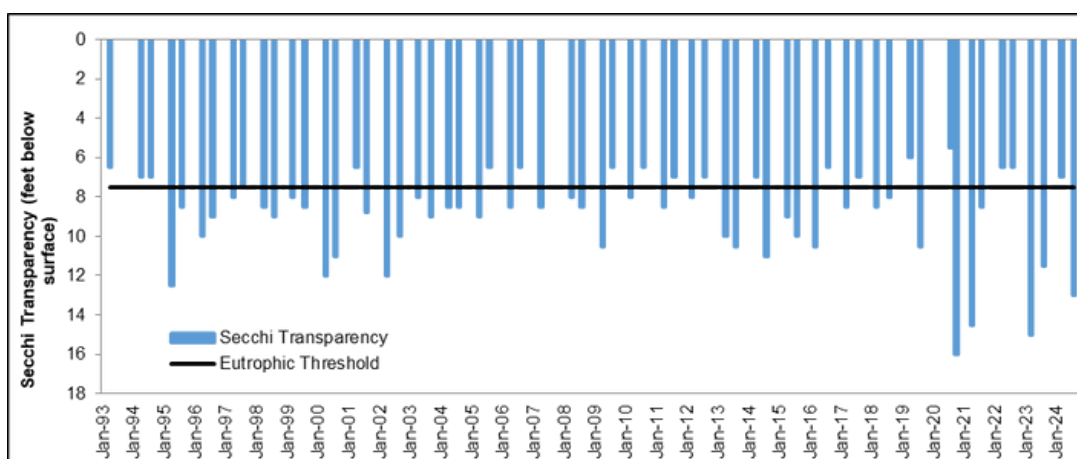




Volume-weighted average total phosphorus concentration, 1993 - 2024.



Average chlorophyll-a concentrations, 1993 - 2024.



Average Secchi transparency measurements, 1993 - 2024.

TABLE 1 - LONG LAKE 2024 DEEP BASIN WATER QUALITY DATA

Date	Station	Sample Depth (feet)	Temperature (F)	Dissolved Oxygen (mg/L)*	Total Phosphorus (ug/L)*
25-Mar-24	1	1	41	11.7	23
25-Mar-24	1	10	41	11.7	14
25-Mar-24	1	20	41	11.7	<10
25-Mar-24	1	30	41	11.7	<10
25-Mar-24	1	40	41	11.6	<10
25-Mar-24	1	50	41	11.5	20
25-Mar-24	1	58	41	11.5	<10
15-Aug-24	1	1	77	8.7	<10
15-Aug-24	1	10	76	9.6	<10
15-Aug-24	1	20	74	4.6	15
15-Aug-24	1	30	60	0.5	80
15-Aug-24	1	40	54	0.1	228
15-Aug-24	1	50	53	0.1	566
15-Aug-24	1	56	53	0.1	381

TABLE 2 - LONG LAKE 2024 SURFACE WATER QUALITY DATA

Date	Station	Secchi Transparency (feet)	Chlorophyll-a (ug/L)*
25-Mar-24	1	7	1
15-Aug-24	1	13	4

* mg/L = milligrams per liter = parts per million

* ug/L = micrograms per liter = parts per billion