

**TABLE 1**  
**SPRING LAKE 2020 DEEP BASIN WATER QUALITY DATA**

Date	Station	Sample Depth (feet)	Temperature (°F)	Dissolved Oxygen (mg/L) <sup>1</sup>	Total Phosphorus (µg/L) <sup>2</sup>
26-Aug-20	1	1	80	11.3	53
26-Aug-20	1	9	79	10.3	64
26-Aug-20	1	19	78	8.9	44
26-Aug-20	3	1	79	9.1	100
26-Aug-20	3	18	77	7.1	46
26-Aug-20	3	36	60	0.0	793
26-Aug-20	4	1	79	9.2	46
26-Aug-20	4	10	79	7.1	42
26-Aug-20	4	20	76	1.8	61
26-Aug-20	5	1	80	9.1	58
26-Aug-20	5	9	79	9.2	44
26-Aug-20	5	18	78	7.9	39
26-Aug-20	6	1	79	8.7	50
26-Aug-20	6	8	79	8.6	46
26-Aug-20	6	16	78	7.9	40
26-Aug-20	7	1	79	8.3	57
26-Aug-20	7	10	79	6.7	52
26-Aug-20	7	20	75	1.0	55
26-Aug-20	8	1	80	10.2	51
26-Aug-20	8	20	77	6.4	63
26-Aug-20	8	40	58	0.0	1,610

1 mg/L = milligrams per liter = parts per million.

2 µg/L = micrograms per liter = parts per billion.

**TABLE 1 (continued)**  
**SPRING LAKE 2020 DEEP BASIN WATER QUALITY DATA**

<b>Date</b>	<b>Station</b>	<b>Sample Depth (feet)</b>	<b>Temperature (°F)</b>	<b>Dissolved Oxygen (mg/L)<sup>1</sup></b>	<b>Total Phosphorus (µg/L)<sup>2</sup></b>
21-Oct-20	1	1	54	10.0	51
21-Oct-20	1	10	54	10.3	46
21-Oct-20	1	20	54	9.8	48
21-Oct-20	3	1	55	9.0	46
21-Oct-20	3	18	55	9.2	49
21-Oct-20	3	36	53	7.9	40
21-Oct-20	4	10	54	9.9	43
21-Oct-20	4	1	54	9.2	45
21-Oct-20	4	19	53	10.2	39
21-Oct-20	5	9	55	8.8	51
21-Oct-20	5	1	55	8.9	51
21-Oct-20	5	18	55	8.2	47
21-Oct-20	6	1	54	9.1	51
21-Oct-20	6	9	54	9.4	49
21-Oct-20	6	17	54	8.1	45
21-Oct-20	7	1	54	9.0	44
21-Oct-20	7	10	54	8.9	45
21-Oct-20	7	20	54	9.1	43
21-Oct-20	8	42	53	8.3	57
21-Oct-20	8	1	54	9.0	42
21-Oct-20	8	21	54	9.1	44

1 mg/L = milligrams per liter = parts per million.

2 µg/L = micrograms per liter = parts per billion.

---

**TABLE 2**  
**SPRING LAKE 2020 SURFACE WATER QUALITY DATA**

---

<b>Date</b>	<b>Station</b>	<b>Chlorophyll-a (<math>\mu\text{g/L}</math>)<sup>1</sup></b>	<b>Secchi Transparency (feet)</b>
26-Aug-20	1	11	3.0
26-Aug-20	3	7	4.0
26-Aug-20	4	6	3.5
26-Aug-20	5	7	4.0
26-Aug-20	6	9	4.0
26-Aug-20	7	6	3.5
26-Aug-20	8	6	3.0
21-Oct-20	1	15	5.0
21-Oct-20	3	8	5.0
21-Oct-20	4	6	5.0
21-Oct-20	5	10	4.5
21-Oct-20	6	9	4.5
21-Oct-20	7	10	4.5
21-Oct-20	8	7	5.0

---

<sup>1</sup>  $\mu\text{g/L}$  = micrograms per liter = parts per billion.

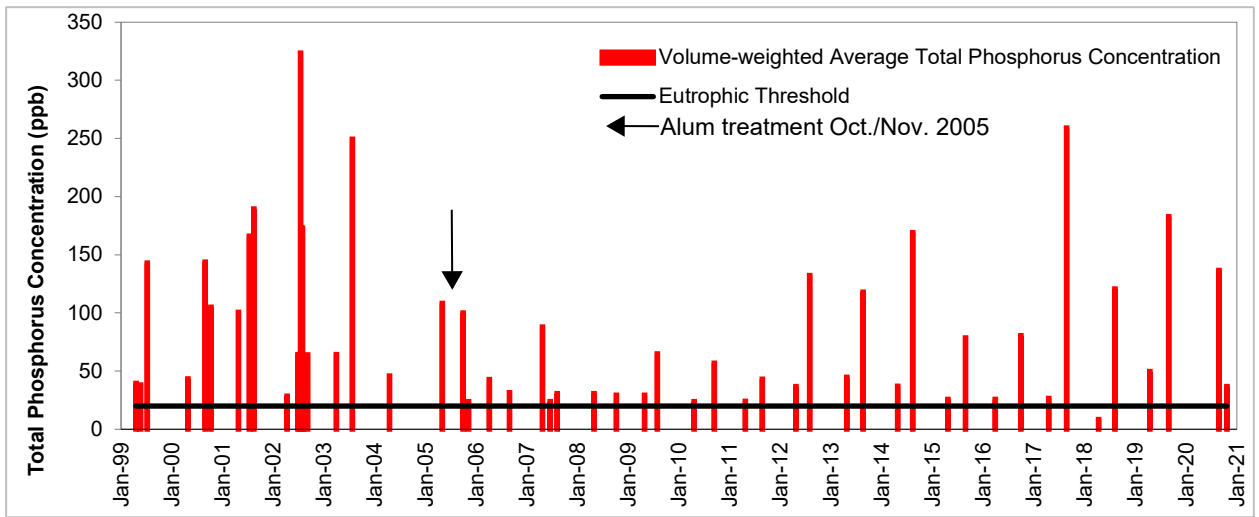


Figure 1. Volume-weighted average total phosphorus concentrations, 1999 - 2020.

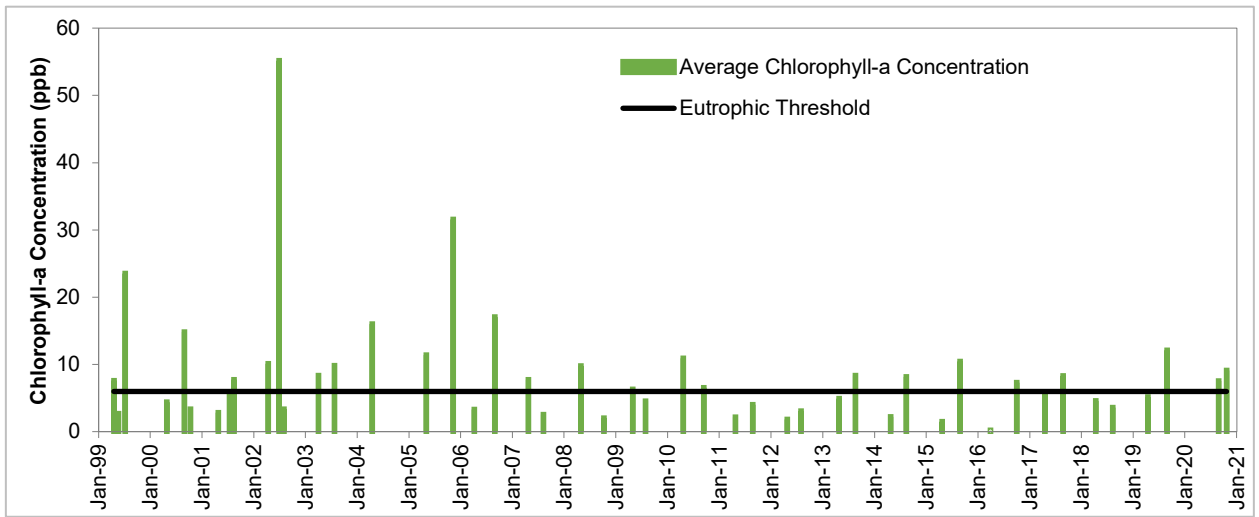


Figure 2. Chlorophyll-a concentrations, 1999 - 2020.

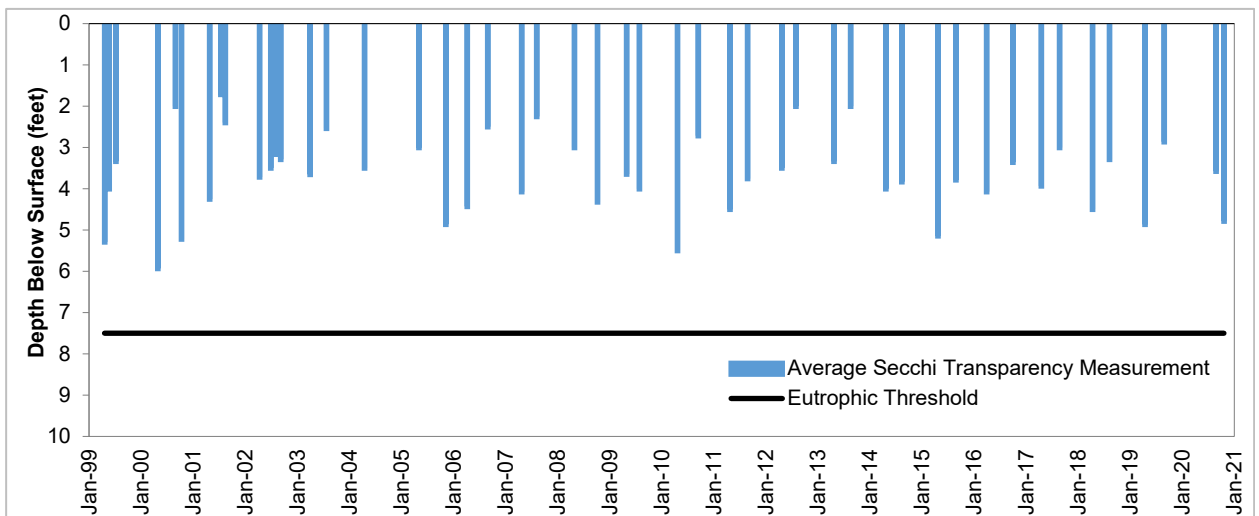


Figure 3. Secchi transparency measurements, 1999 - 2020.