

**TABLE 1**  
**SPRING LAKE 2021 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-Apr-21	1	1	51	10.8	43
26-Apr-21	1	9	51	11.1	44
26-Apr-21	1	18	51	10.8	59
26-Apr-21	3	1	52	10.6	53
26-Apr-21	3	18	52	10.8	47
26-Apr-21	3	36	51	11.0	51
26-Apr-21	4	1	52	11.0	41
26-Apr-21	4	10	52	10.9	41
26-Apr-21	4	19	52	10.4	47
26-Apr-21	5	1	52	11.3	117
26-Apr-21	5	9	52	11.5	42
26-Apr-21	5	17	52	11.5	43
26-Apr-21	6	1	52	10.9	42
26-Apr-21	6	8	52	10.9	43
26-Apr-21	6	16	52	11.3	38
26-Apr-21	7	1	53	11.4	47
26-Apr-21	7	9	53	11.5	43
26-Apr-21	7	18	51	7.9	44
26-Apr-21	8	1	52	10.6	37
26-Apr-21	8	20	51	10.9	42
26-Apr-21	8	39	51	10.6	42

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

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

**TABLE 1 (continued)**  
**SPRING LAKE 2021 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>
24-Aug-21	1	1	84	13.5	71
24-Aug-21	1	9	80	8.7	60
24-Aug-21	1	18	79	2.9	68
24-Aug-21	3	1	81	8.8	58
24-Aug-21	3	18	78	0.6	54
24-Aug-21	3	36	63	0.0	932
24-Aug-21	4	1	82	9.4	77
24-Aug-21	4	10	80	3.7	63
24-Aug-21	4	20	78	0.6	54
24-Aug-21	5	1	85	10.8	58
24-Aug-21	5	9	81	8.7	67
24-Aug-21	5	17	79	6.6	72
24-Aug-21	6	1	85	11.4	75
24-Aug-21	6	7	81	8.7	66
24-Aug-21	6	15	80	5.6	95
24-Aug-21	7	1	84	10.4	131
24-Aug-21	7	9	81	8.1	83
24-Aug-21	7	18	77	0.7	102
24-Aug-21	8	1	82	10.1	67
24-Aug-21	8	20	77	1.1	54
24-Aug-21	8	39	62	0.0	1,090

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

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

**TABLE 2**  
**SPRING LAKE 2021 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-Apr-21	1	7	4.0
26-Apr-21	3	4	4.0
26-Apr-21	4	8	3.5
26-Apr-21	5	9	4.0
26-Apr-21	6	5	3.5
26-Apr-21	7	6	3.5
26-Apr-21	8	5	4.0
24-Aug-21	1	3	2.5
24-Aug-21	3	11	2.5
24-Aug-21	4	13	2.0
24-Aug-21	5	22	2.5
24-Aug-21	6	18	2.0
24-Aug-21	7	29	2.5
24-Aug-21	8	23	2.0

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

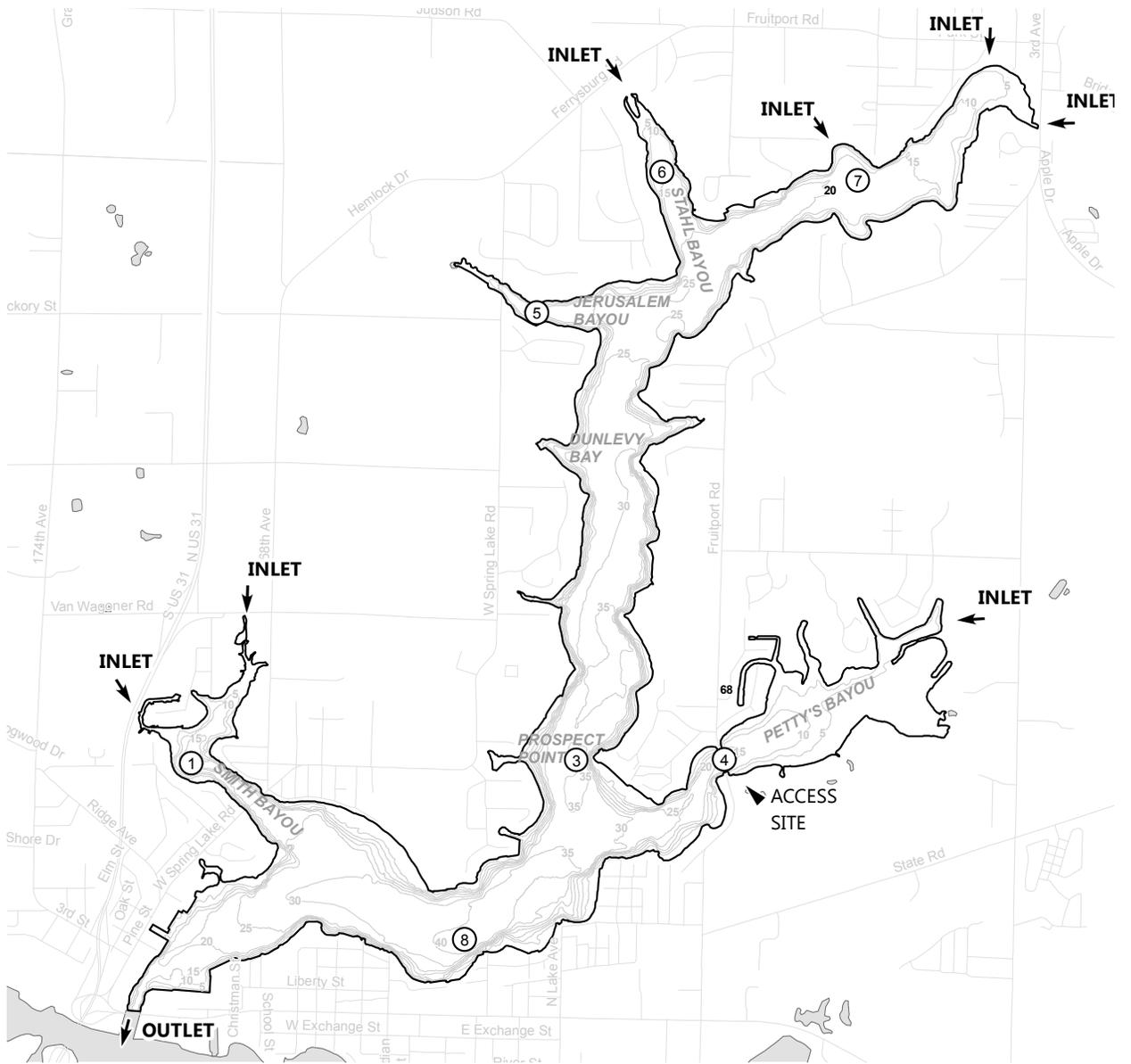


Figure 1. Spring Lake sampling location map.

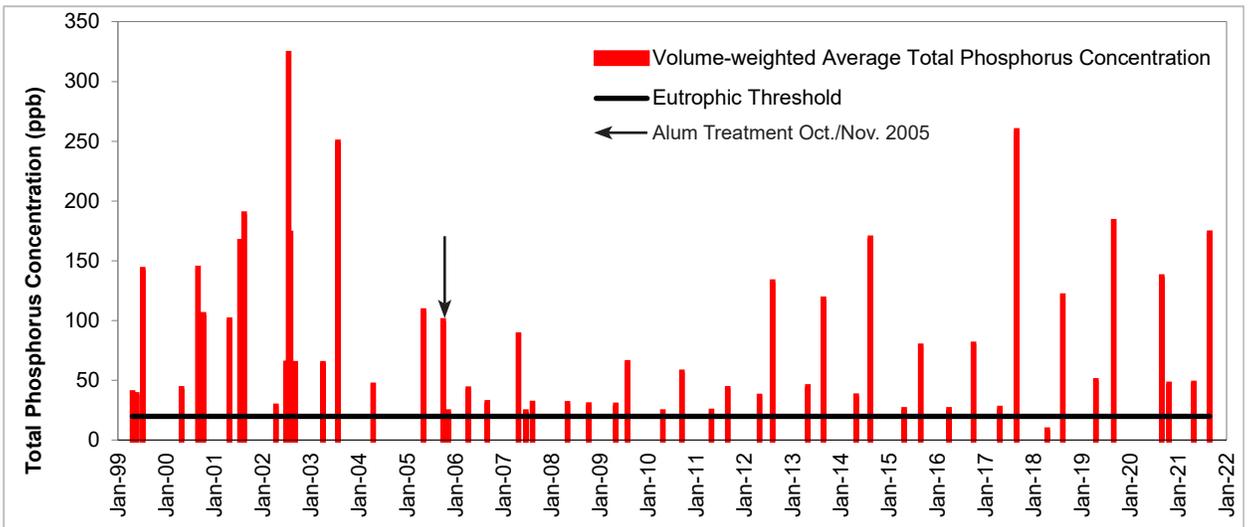


Figure 1. Volume-weighted average total phosphorus concentrations, 1999 - 2021.

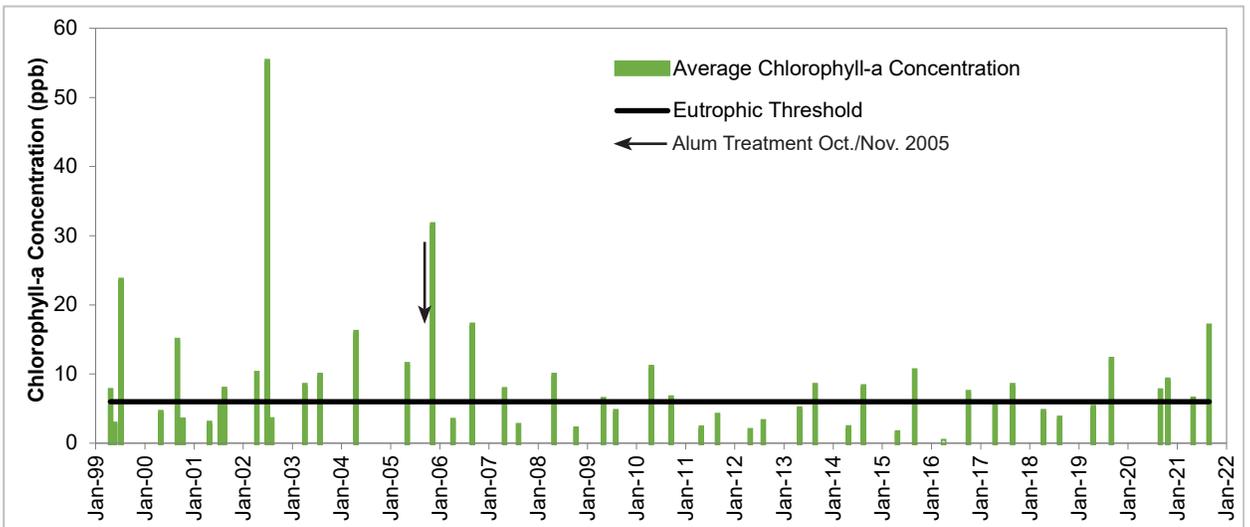


Figure 2. Chlorophyll-a concentrations, 1999 - 2021.

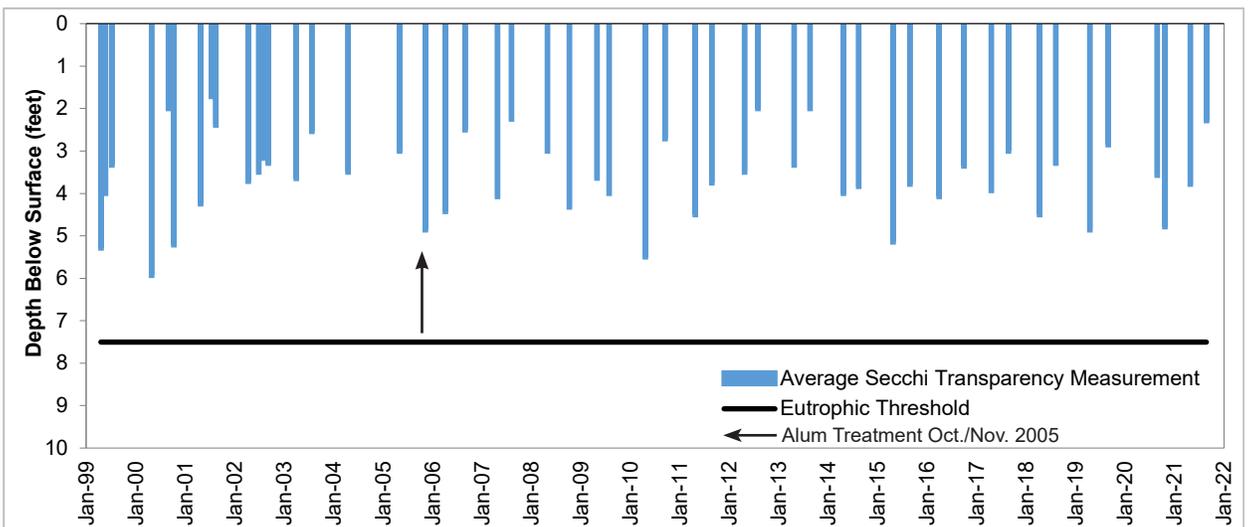


Figure 3. Secchi transparency measurements, 1999 - 2021.