

## Tables

**Table 5-1.** Measurements of pH, specific conductance, dissolved oxygen, and temperature taken at the Main Inlet to Dead Pike Lake.

Measurement Date	pH (su)	Specific Conductance (us/cm)	Dissolved Oxygen (mg/L)	Temperature (°C)	Iron (ug/L)	Total Phosphorus (mg/L)	Total Volatile Solids (mg/L)	Total Suspended Solids (mg/L)
5/27/2008	no data	no data	no data	no data	9600	0.074	108	156
6/17/2008	no data	no data	no data	no data	8600	0.143	88	124
6/30/2008	6.4	no data	no data	no data	16000	no data	no data	no data
7/7/2008	6.7	76.1	3.3	27.5	11000	no data	no data	no data
7/15/2008	no data	75.6	3.6	26	9000	no data	no data	130
7/18/2008	7.2	no data	no data	no data	14000	no data	no data	no data
7/22/2008	7	64.3	3.6	26.3	no data	no data	no data	no data
7/28/2008	7.1	60.4	4.6	19.8	no data	no data	no data	no data
8/5/2008	6.7	60.4	3.9	23.3	16000	no data	no data	no data
8/11/2008	7.1	70.5	4.5	22.1	11000	no data	no data	no data
8/18/2008	6.9	43.4	5	22.6	no data	0.089	70	110
8/29/2008	6.9	33.9	6.1	22.1	6200	no data	no data	no data
9/6/2008	7.1	30.2	4.8	14.9	no data	no data	no data	no data
9/10/2008	no data	no data	no data	no data	3200	no data	no data	no data
9/15/2008	7	194.0	6.4	15.7	7000	0.045	54	168
9/20/2008	7.1	117.9	5.1	15.9	3800	no data	no data	no data
10/7/2008	no data	109	7.2	10.8	no data	0.116	50	116
Average	6.9	77.9	4.8	20.6	9617	no data	no data	no data

**Table 5-2.** Dead Pike Lake profile data for laboratory results.

Date	Site	Depth (m)	Total Phosphorus (mg/L)	Total Iron (ug/L)
6/17/2008	Lake-surface	0	0.016	no data
6/17/2008	Lake-2 m	2	0.015	510
6/17/2008	Lake-4 m	4	0.017	520
6/17/2008	Lake-6 m	6	0.015	550
6/17/2008	Lake-8 m	8	0.010	340
6/17/2008	Lake-10 m	10	0.032	310
6/17/2008	Lake-12 m	12	0.017	500
6/17/2008	Lake-14 m	14	0.009	300
6/17/2008	Lake-16 m	16	0.01	310
6/17/2008	Lake-18 m	18	no data	135000 <sup>(1)</sup>
7/15/2008	Lake-surface	0	0.019	no data
7/15/2008	Lake-2 m	2	0.111	470
7/15/2008	Lake-4 m	4	0.029	1600
7/15/2008	Lake-6 m	6	0.016	500
7/15/2008	Lake-8 m	8	0.011	310
7/15/2008	Lake-10 m	10	0.012	290
7/15/2008	Lake-12 m	12	0.013	310
7/15/2008	Lake-14 m	14	0.009	310
7/15/2008	Lake-16 m	16	0.011	330
7/15/2008	Lake-18 m	18	0.011	330
8/18/2008	Lake-surf	0	0.012	no data
8/18/2008	Lake-2 m	2	0.013	360
8/18/2008	Lake-4 m	4	0.013	440
8/18/2008	Lake-6 m	6	0.012	350
8/18/2008	Lake-8 m	8	0.013	310
8/18/2008	Lake-10 m	10	0.01	290
8/18/2008	Lake-12 m	12	0.01	300
8/18/2008	Lake-14 m	14	0.011	320
8/18/2008	Lake-16 m	16	0.012	330
8/18/2008	Lake-18 m	18	0.013	360

(1) It is assumed that the water collection device contacted sediment and contaminated the sample.

**Table 5-3.** Water measurements at the surface of Dead Pike Lake.

Date	Temperature (oC)	Secchi disc depth (ft)	Dissolved Oxygen (mg/L)	Conductivity (us/cm)	Chlorophyll a (ug/L)	Total Iron (ug/L)	Total Phosphorus (ug/L)
5/27/2008	13.3	7.5	8.90	85.0	2.65	430	17
6/17/2008	17.0	8.5	8.40	83.5	2.95	510 <sup>(1)</sup>	16
7/15/2008	20.8	9.0	7.30	86.4	2.35	470 <sup>(1)</sup>	19
8/18/2008	22.4	10.0	7.30	89.6	no data	360 <sup>(1)</sup>	12
9/15/2008	16.9	11.5	7.10	89.5	2.87	310	10
10/7/2008	13.3	11.0	8.10	90.3	2.20	no data	16

(1) Sampled at 2 meters.

Table 5-4. Field measurements at depth in Dead Pike Lake.

5/27/2008

Depth (m)	Temperature (°C)	Dissolved Oxygen (mg/l)	Conductivity (us/cm)
0	13.3	9.6	85
1	13.3	8.9	85
2	13.3	9.1	84.8
3	13.3	8.8	84.8
4	13.2	8.8	84.8
5	11.6	9.1	85.2
6	10.8	9.3	85.6
7	10.1	8.9	85.8
8	9.1	8.9	86.1
9	8.1	8.7	86.5
10	7.1	8.7	87
11	6.5	8.9	87
12	6.2	8.8	87.4
13	6.1	8.6	87.5
14	6.0	8.9	87.8
15	5.9	9.0	87.8
16	5.8	8.9	87.9
17	5.8	8.6	87.9
18	5.8	8.5	88
19	5.7	8.7	88.1
20	5.1	8.7	88.1

6/17/2008

Depth (m)	Temperature (°C)	Dissolved Oxygen (mg/l)	Conductivity (us/cm)
0	17	8.5	83.5
1	17	8.4	83.5
2	17	8.3	83.5
3	17	8.5	83.5
4	17	8.3	83.5
5	17	8.3	83.5
6	16.9	8.3	83.5
7	11.8	8.1	86.3
8	9.1	8.6	86.7
9	7.6	8.5	87.7
10	7.1	8.6	87.7
11	6.4	8.6	87.9
12	6.3	8.5	88.2
13	6.2	8.4	88.2
14	6.2	8.4	88.4
15	6.1	8.5	88.4
16	6	8.2	88.7
17	6	8.1	88.7
18	6	8.2	88.7
19	6	8.1	88.8
20	no data	no data	no data

7/15/2008

Depth (m)	Temperature (°C)	Dissolved Oxygen (mg/l)	Conductivity (us/cm)
0	25	7.3	81
1	20.8	7.3	86.4
2	20.4	6.6	86.6
3	20.4	6.5	86.5
4	20.3	7	86.6
5	19.6	7	86.8
6	18.1	5.8	86.5
7	13.7	5.9	87.1
8	9.3	6.1	89.2
9	8.4	6.7	88.2
10	7.2	6.8	88.7
11	7	6.9	88.8
12	6.6	6.6	89.2
13	6.4	6.5	89.5
14	6.4	6.5	89.4
15	6.3	5.8	89.3
16	6.2	6.4	89.5
17	6.2	6.1	89.6
18	6.2	6.5	89.7
19	no data	no data	no data
20	no data	no data	no data

8/18/2008

Depth (m)	Temperature (°C)	Dissolved Oxygen (mg/l)	Conductivity (us/cm)
0	22.4	7.4	89.6
1	22.4	7.3	89.6
2	22.3	7.2	89.7
3	22.3	7.3	89.7
4	22.3	7.4	89.7
5	21.8	5.7	90.0
6	19.1	3.9	88.1
7	14.4	3.4	80.1
8	10.7	4.4	89
9	8.2	5.2	89.2
10	7.4	5.5	89.7
11	7.1	5.4	89.9
12	6.8	5.3	90.2
13	6.6	5.0	90.3
14	6.5	4.9	90.5
15	6.5	4.7	90.4
16	6.4	4.6	90.7
17	6.4	4.6	90.7
18	6.3	4.5	90.8
19	no data	no data	no data
20	no data	no data	no data

9/15/2008

Depth (m)	Temperature (°C)	Dissolved Oxygen (mg/l)	Conductivity (us/cm)
0	17	7	87.9
1	16.9	7.1	89.5
2	16.7	7.4	89.5
3	16.7	7.3	89.5
4	16.6	7.2	89.5
5	16.6	6.9	89.6
6	16.6	7.2	89.6
7	16.4	7.1	89.7
8	11.4	3.1	90.1
9	9.1	3.3	89.9
10	7.9	3.7	90
11	7.2	3.6	90.2
12	6.8	3.1	90.6
13	6.7	3.4	90.9
14	6.6	3.1	91.1
15	6.5	3.1	91.2
16	6.5	2.9	91.4
17	6.4	2.8	91.4
18	6.4	2.9	91.4
19	6.4	2.4	91.4
20	no data	no data	no data

10/7/2008

Depth (m)	Temperature (°C)	Dissolved Oxygen (mg/l)	Conductivity (us/cm)
0	13.3	7.7	89.9
1	13.3	8.1	90.3
2	13.3	8	90.4
3	13.3	7.8	90.5
4	13.3	8	90.5
5	13.3	8.1	90.5
6	13.2	8	90.7
7	13.2	7.9	90.7
8	12.9	7.3	90.6
9	10.4	3.2	90.7
10	8.7	2.9	90.4
11	7.6	2.7	90.8
12	7.2	2.7	90.9
13	6.9	2.4	91.2
14	6.7	2.4	91.5
15	6.6	2.3	91.5
16	6.6	2.1	92.1
17	6.5	2.1	92.3
18	6.5	2.06	92.2
19	6.5	2.02	92.8
20	6.4	1.9	93.3

