

9/12/18 Eagle Lake Water Quality

North Basin: did not measure due to low water

Mid Basin		Air Temp 49F		Secchi Dish 4.5ft		Time 09:15	
Depth	DO ppm	% DO	Temp C	Temp F	pH	conductivity	salinity
surface	8.04	83.5	17.0	62.6	9.59	1,141	0.7
5	8.51	88.6	17.0	62.6	9.54	1,141	0.7
Average	8.28	86.1	17.0	62.6	NA	1,141	0.7

South Basin		Air Temp 54F		Secchi Dish 13ft		Time 09:45	
Depth	DO ppm	% DO	Temp C	Temp F	pH	conductivity	salinity
surface	7.09	77.3	19.3	66.7	9.18	1,017	0.6
5	6.98	76.3	19.3	66.7	9.05	1,017	0.6
10	6.76	73.8	19.3	66.7	8.98	1,018	0.6
15	6.48	70.4	19.3	66.7	8.96	1,021	0.6
20	6.36	69.4	19.3	66.7	8.90	1,022	0.6
25	6.25	67.8	19.3	66.7	8.87	1,021	0.6
30	6.10	66.5	19.3	66.7	8.89	1,021	0.6
35	5.97	64.7	19.2	66.6	8.86	1,020	0.6
40	0.99	10.0	16.6	61.9	8.65	952	0.6
45	0.72	7.1	14.4	57.9	8.57	882	0.6
Average	5.37	58.3	18.5	65.4	8.89	999	0.6