

Lake Altoona test results

Date: 04/18/2015 Time:1:00 pm Weather: Mostly sunny

Air temp: 67 Secchi Disk: 3.75 ft. Location: Deep hole

Sample	deep hole 5 ft	deep hole 10 ft	deep hole 15 ft	Outlet	Inlet
Dissolved Oxygen	11.47	11.57	11.30	See chart	10.69
Temp ©	14.2	14.1	12.1	below	15.5
pH	7.3	7.4	7.2	7.4	7.3
Acidity, total	0	0	0	0	0
Alkalinity, Active	0	0	0	0	0
Alkalinity, Total	25	20	20	20	20
Hardness mg/l	14.5	14.5	14.5	15.0	16.0
Sulfate	0.20	0.22	0.24	0.17	0.19
Phosphate, ortho	0.03	0.03	0.03	0.03	0.04
Phosphate, total	0.09	0.08	0.09	0.10	0.09
Nitrate	0.77	0.72	0.72	0.64	0.73
Nitrite	0	0	0	0	0
Ammonia nitrogen	0.81	0.79	0.76	0.78	0.71
Iron	0.34	0.36	0.33	0.33	0.34
Chloride mg/l	5.62	5.00	5.62	3.75	4.37
Conductivity umho/cm	92	92	93	91	94

Additional Dissolved Oxygen Readings
at deep hole:

Depth	Dissolved Oxygen	Temp ©
3 ft	11.33	14.3
6 ft	11.50	14.2
9 ft	11.56	14.1
12 ft	11.62	13.9
15 ft	11.30	12.1
17.6 ft	10.30	10.1

Additional Dissolved Oxygen Readings
at outlet:

Depth	Dissolved Oxygen	Temp ©
3 ft	11.17	15.0
6 ft	11.35	14.7
9 ft	11.28	14.6
12 ft	11.23	14.6
15 ft	11.21	14.5
18 ft	11.18	12.2
21 ft	10.60	10.2