

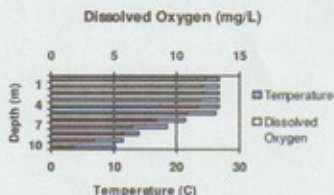
LAKE CHECK Water Quality Monitoring Report

2016107

Customer	Waterbody	Sample Information
Cedar Lake	Cedar Lake	Date: 8/17/2016 Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	26.8	12.3	124
1	26.8	12.1	122
2	26.8	12.1	121
3	26.8	12.0	120
4	26.7	11.7	116
5	26.3	10.8	104
6	21.3	8.4	95
7	18.5	6.5	69
8	14.1	5.7	56
9	11.5	3.4	32
10	10.3	1.8	16



Secchi Disk Depth 4.6 meters

Thermocline Depth 5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 ml	N/A
Conductivity	261	uS/cm	
Total Dissolved Solids	170	mg/L	Low concentration of dissolved salts
pH	8.7	S.U.	Water is slightly alkaline
Alkalinity	112	mg CaCO ₃ /L	Water is soft
Total Phosphorus	8	ug/L	Slightly phosphorus enriched
Nitrates	230	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	38	meso-oligotrophic
Based on Total Phosphorus	30	oligotrophic
Based on Chlorophyll	N/A	