

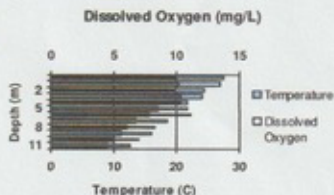
LAKE CHECK Water Quality Monitoring Report

2021210

Customer	Waterbody	Sample Information
Cedar Lake	Cedar Lake	Date: 6/10/2021 Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	27.4	10.0	127
1	27.0	10.2	126
2	24.5	9.9	120
3	24.0	10.3	125
4	21.7	10.4	119
5	17.0	10.9	116
6	15.7	11.2	114
7	13.4	9.3	90
8	12.1	8.3	77
9	11.1	8.0	73
10	9.9	7.0	63
11	9.0	6.3	57



Secchi Disk Depth 4.0 meters

Thermocline Depth 2 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	283	uS/cm	
Total Dissolved Solids	177	mg/L	Low concentration of dissolved salts
pH	8.8	S.U.	Water is slightly alkaline
Alkalinity	116	mg CaCO ₃ /L	Water is soft
Total Phosphorus	10	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	40	mesotrophic
Based on Total Phosphorus	33	meso-oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is adequate for good fish production.
- pH is within acceptable limits.
- Phosphorus and Nitrogen are within acceptable limits.
- No remedial action recommended at this time.
- Repeat LakeCheck in Fall.

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- WARNING. condition requires immediate attention.
 - CAUTION. condition requires further evaluation.
 - OK. condition within acceptable limits.
 - NEUTRAL. condition neither good nor bad.

Notes

Report describes conditions at the time the sample was collected.

Approved by

Jaimée Desjardins

Date 12/6/2021

Mrs. Jaimée Desjardins, Technical Services Manager

FROM YOUR



DEALER



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