

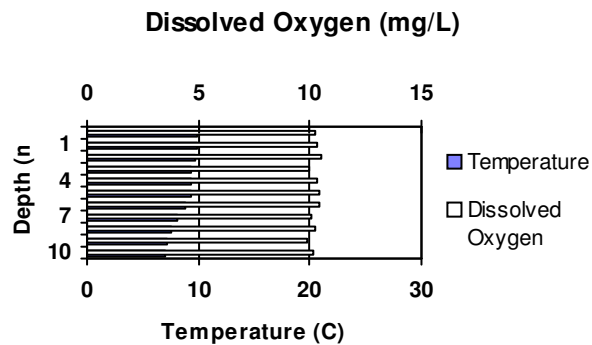


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Cedar Lake	Cedar Lake	Date: 4/16/2015
		Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	9.9	10.3	91
1	9.9	10.4	91
2	9.7	10.5	92
3	9.4	10.0	87
4	9.4	10.4	90
5	9.3	10.4	91
6	8.8	10.4	90
7	8.0	10.1	86
8	7.6	10.2	86
9	7.2	9.9	82
10	7.0	10.1	84



Secchi Disk Depth 3.5 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	282	uS/cm	
Total Dissolved Solids	183	mg/L	Low concentration of dissolved salts
pH	8.4	S.U.	Water is slightly alkaline
Alkalinity	63	mg CaCO3/L	Water is soft
Total Phosphorus	40	ug/L	Phosphorus enriched
Nitrates	250	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	42	mesotrophic
Based on Total Phosphorus	53	moderately eutrophic
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.
- Sample is somewhat phosphorus enriched. Create natural buffer between lawn & lakeshore.
- 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

Jaimee Conroy

Date 11/5/2015

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR **WO
PRO** DEALER



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