



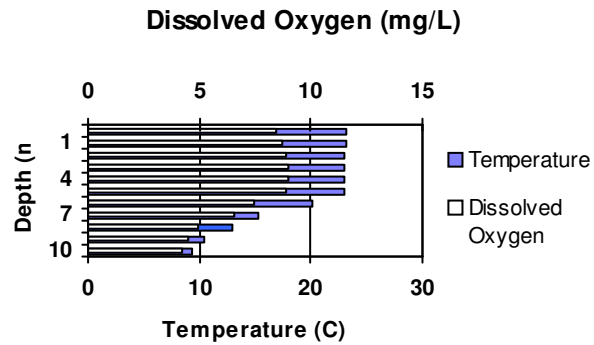
Water Quality Monitoring Report

2013090

Customer	Waterbody	Sample Information
Cedar Lake	Cedar Lake	Date: 8/7/2013
		Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	23.1	8.5	85
1	23.1	8.7	88
2	23.0	8.9	91
3	23.0	8.9	91
4	23.0	9.0	91
5	23.0	8.9	91
6	20.1	7.4	72
7	15.2	6.5	67
8	12.9	4.9	47
9	10.4	4.5	46
10	9.4	4.2	45



Secchi Disk Depth 3.0 meters
 Thermocline Depth 5.5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	248	uS/cm	
Total Dissolved Solids	166	mg/L	Low concentration of dissolved salts
pH	8.4	S.U.	Water is slightly alkaline
Alkalinity	136	mg CaCO3/L	Water is hard
Total Phosphorus	18	ug/L	Moderately phosphorus enriched
Nitrates	300	ug/L	Slightly nitrogen enriched
Chlorophyll		N/A	

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	44	mesotrophic
Based on Total Phosphorus	41	mesotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is nearly low enough to adversely affect sensitive fish.
- pH is within acceptable limits.
- Sample is somewhat phosphorus enriched. Create natural buffer between lawn & lakeshore.
- REPEAT LakeCheck NEXT YEAR!

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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 10/28/2013

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR **WO
PRO** DEALER



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