



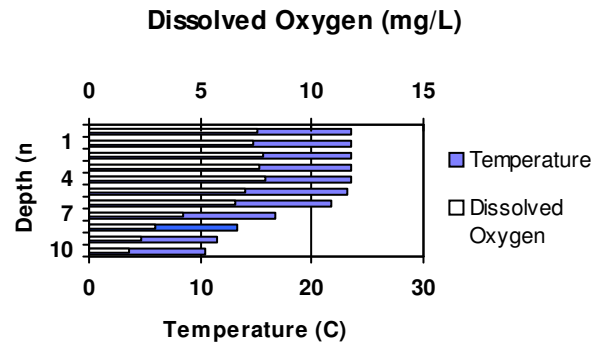
Water Quality Monitoring Report

2012144

Customer	Waterbody	Sample Information
Cedar Lake	Cedar Lake	Date: 8/13/2012
		Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	23.5	7.6	77
1	23.5	7.4	75
2	23.5	7.8	81
3	23.5	7.7	78
4	23.5	7.9	82
5	23.1	7.0	83
6	21.7	6.6	63
7	16.7	4.3	44
8	13.3	2.9	28
9	11.5	2.4	23
10	10.5	1.8	17



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	298	uS/cm	
Total Dissolved Solids	194	mg/L	Low concentration of dissolved salts
pH	8.4	S.U.	Water is slightly alkaline
Alkalinity	133	mg CaCO3/L	Water is hard
Total Phosphorus	8	ug/L	Slightly phosphorus enriched
Nitrates	200	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	44	mesotrophic
Based on Total Phosphorus	30	oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is nearly low enough to adversely affect sensitive fish.
- Bottom water is deoxygenated, preventing fish from living in cooler water at bottom of lake.
- Phosphorus and Nitrogen are within acceptable limits.
- 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 10/24/2012

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR



DEALER



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