



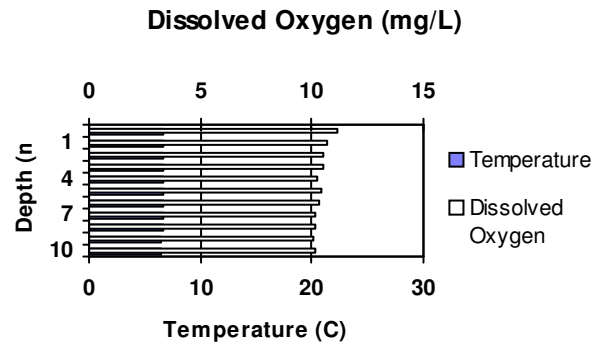
Water Quality Monitoring Report

2013085

Customer	Waterbody	Sample Information
Cedar Lake	Cedar Lake	Date: 4/15/2013
		Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	6.7	11.1	109
1	6.7	10.7	104
2	6.7	10.5	103
3	6.6	10.5	102
4	6.6	10.2	100
5	6.6	10.4	101
6	6.6	10.3	99
7	6.6	10.1	99
8	6.6	10.2	100
9	6.5	10.0	97
10	6.5	10.1	100



Secchi Disk Depth 1.9 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	289	uS/cm	
Total Dissolved Solids	194	mg/L	Low concentration of dissolved salts
pH	8.4	S.U.	Water is slightly alkaline
Alkalinity	120	mg CaCO3/L	Water is hard
Total Phosphorus	13	ug/L	Moderately phosphorus enriched
Nitrates	250	ug/L	Not nitrogen enriched
Chlorophyll		N/A	

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	51	moderately eutrophic
Based on Total Phosphorus	37	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.
- 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 10/28/2013

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR **WO PRO** DEALER



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