

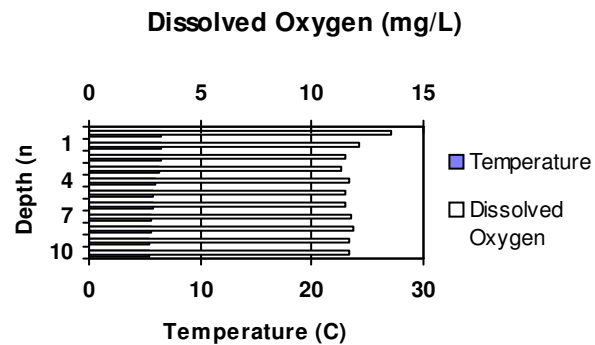
# LAKE CHECK Water Quality Monitoring Report

2012143

Customer	Waterbody	Sample Information
Cedar Lake	Cedar Lake	Date: 3/15/2012
		Site: Deep Hole

## On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	6.5	13.5	129
1	6.5	12.1	115
2	6.4	11.5	109
3	6.3	11.3	109
4	6.0	11.7	110
5	5.8	11.5	109
6	5.7	11.5	108
7	5.6	11.8	111
8	5.5	11.8	109
9	5.4	11.7	108
10	5.3	11.6	109



Secchi Disk Depth 4.0 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	187	mg/L	Low concentration of dissolved salts
pH	8.4	S.U.	Water is slightly alkaline
Alkalinity	80	mg CaCO3/L	Water is soft
Total Phosphorus	13	ug/L	Moderately phosphorus enriched
Nitrates	200	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	37	meso-oligotrophic
Based on Chlorophyll	N/A	

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## 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 10/24/2012

Mrs. Jaimee Conroy, Technical Services Manager

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PRO** DEALER



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