



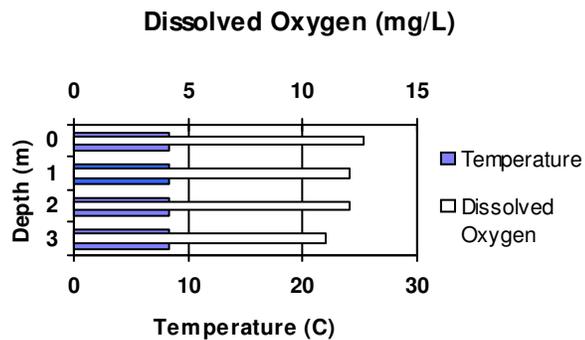
# Water Quality Monitoring Report

2024486

Customer	Waterbody	Sample Information
Perch Lake (Jackson)	Perch Lake	Date: 4/3/2024
		Site: Middle

## On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	8.3	12.6	110
1	8.3	12.0	104
2	8.3	12.1	103
3	8.3	11.0	93



Secchi Disk Depth 2.0 meters  
Thermocline Depth meters

## Analytical Results

Parameter	Result	Units	Interpretation
Conductivity	260	uS/cm	
Total Dissolved Solids	169	mg/L	Low concentration of dissolved salts
pH	8.6	S.U.	Water is slightly alkaline
Alkalinity	109	mg CaCO3/L	Water is soft
Total Phosphorus	10	ug/L	Slightly phosphorus enriched
Nitrates	230	ug/L	Not nitrogen enriched

## Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	50	moderately eutrophic
Based on Total Phosphorus	33	meso-oligotrophic

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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.
- No remedial action recommended at this time.
- 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 Desjardins*

Date 11/26/2024

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR **WO  
PRO** DEALER



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