

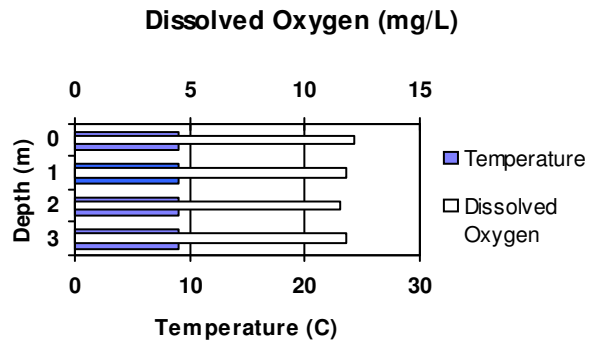


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Perch Lake (Jackson)	Perch Lake	Date: 4/20/2022
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	9.1	12.2	106
1	9.1	11.8	102
2	9.1	11.6	101
3	9.0	11.8	102



Secchi Disk Depth	2.5 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	262	uS/cm	
Total Dissolved Solids	170	mg/L	Low concentration of dissolved salts
pH	8.2	S.U.	Water is slightly alkaline
Alkalinity	118	mg CaCO3/L	Water is soft
Total Phosphorus	10	ug/L	Slightly phosphorus enriched
Nitrates	230	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	47	mesotrophic
Based on Total Phosphorus	33	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.
- Phosphorus and Nitrogen are within acceptable limits.
- No remedial action recommended at this time.

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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 12/14/2022

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR



DEALER



PLM Lake & Land Management Corp
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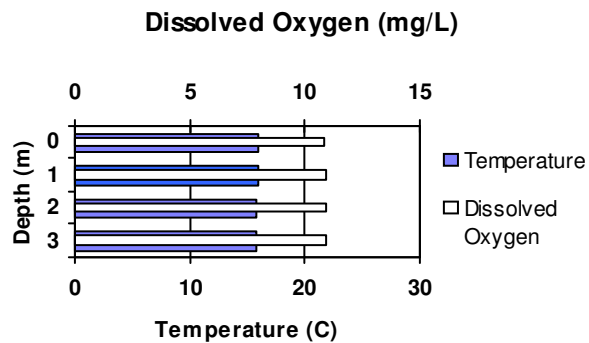
Water Quality Monitoring Report

2022798

Customer	Waterbody	Sample Information
Perch Lake (Jackson)	Perch lake	Date: 10/4/2022
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	16.0	10.8	110
1	16.0	10.9	108
2	15.8	10.9	109
3	15.7	10.9	109



Secchi Disk Depth	3.0 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	218	uS/cm	
Total Dissolved Solids	141	mg/L	Low concentration of dissolved salts
pH	8.1	S.U.	Water is slightly alkaline
Alkalinity	97	mg CaCO3/L	Water is soft
Total Phosphorus	10	ug/L	Slightly phosphorus enriched
Nitrates	100	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	33	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.
- Phosphorus and Nitrogen are 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 12/14/2022
Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR **WQ
PRO** DEALER



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