

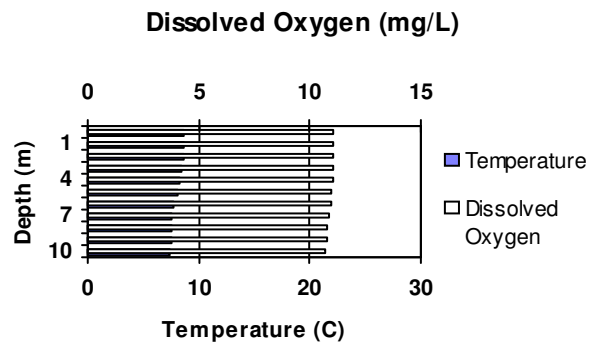


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Three Mile Lake	Three mile lake	Date: 4/11/2022
		Site: middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	8.6	11.0	94
1	8.6	11.0	95
2	8.6	11.0	95
3	8.5	11.0	94
4	8.3	11.0	94
5	8.1	11.0	93
6	7.8	10.9	92
7	7.5	10.9	91
8	7.5	10.8	90
9	7.5	10.8	90
10	7.3	10.7	89



Secchi Disk Depth 4.0 meters
 Thermocline Depth 8.6 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	96	uS/cm	
Total Dissolved Solids	90	mg/L	Low concentration of dissolved salts
pH	7.8	S.U.	Water is slightly alkaline
Alkalinity	54	mg CaCO3/L	Water is very soft
Total Phosphorus	28	ug/L	Moderately phosphorus enriched
Nitrates	230	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	48	mesotrophic
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 highly phosphorus enriched. Consider nutrient abatement measures.
- 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 Desjardins

Date 12/5/2022

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR



DEALER



PLM Lake & Land Management Corp

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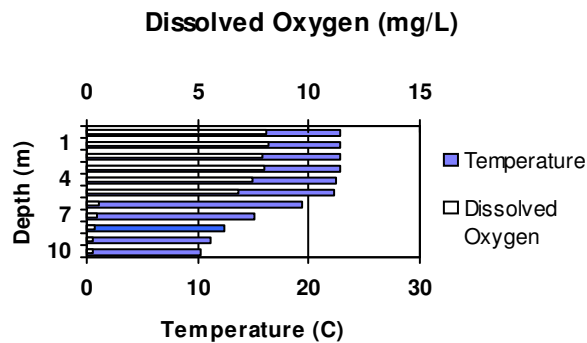
LAKE CHECK Water Quality Monitoring Report

2022038

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 9/13/2022
		Site: middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	22.8	8.1	95
1	22.8	8.1	95
2	22.8	7.9	91
3	22.8	8.0	92
4	22.5	7.4	86
5	22.3	6.8	78
6	19.4	0.6	7
7	15.0	0.4	4
8	12.4	0.3	3
9	11.1	0.3	3
10	10.2	0.2	2



Secchi Disk Depth 2.0 meters
 Thermocline Depth 5.5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	138	uS/cm	
Total Dissolved Solids	93	mg/L	Low concentration of dissolved salts
pH	7.8	S.U.	Water is slightly alkaline
Alkalinity	60	mg CaCO3/L	Water is soft
Total Phosphorus	20	ug/L	Moderately phosphorus enriched
Nitrates	230	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	50	moderately eutrophic
Based on Total Phosphorus	43	mesotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- pH is within acceptable limits.
- Sample is somewhat phosphorus enriched. Create natural buffer between lawn & lakeshore.
- 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.

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