

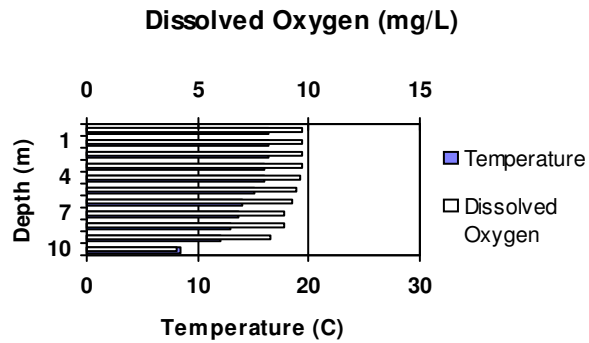
LAKE CHECK Water Quality Monitoring Report

2024269

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 4/30/2024
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	16.3	9.7	99
1	16.3	9.7	99
2	16.3	9.7	99
3	16.0	9.7	98
4	15.9	9.6	98
5	15.0	9.5	94
6	14.1	9.2	90
7	13.7	8.9	85
8	12.9	8.9	86
9	12.0	8.2	77
10	8.4	4.0	34



Secchi Disk Depth 3.8 meters
 Thermocline Depth 5.5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	110	uS/cm	
Total Dissolved Solids	86	mg/L	Low concentration of dissolved salts
pH	8.1	S.U.	Water is slightly alkaline
Alkalinity	51	mg CaCO3/L	Water is very soft
Total Phosphorus	12	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	41	mesotrophic
Based on Total Phosphorus	36	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.
- 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 _____
Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR **WO PRO** DEALER



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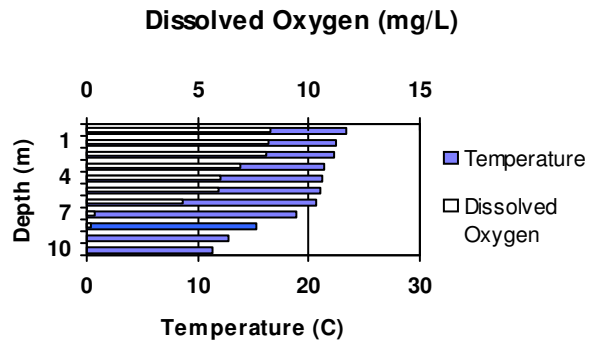
LAKE CHECK Water Quality Monitoring Report

2024270

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 9/11/2024
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	23.3	8.2	96
1	22.4	8.2	94
2	22.2	8.1	93
3	21.4	6.9	78
4	21.2	6.0	68
5	21.0	5.9	67
6	20.6	4.3	48
7	18.9	0.4	4
8	15.2	0.2	1
9	12.8	0.1	1
10	11.3	0.1	1



Secchi Disk Depth 2.8 meters
 Thermocline Depth 7 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	137	uS/cm	
Total Dissolved Solids	89	mg/L	Low concentration of dissolved salts
pH	7.8	S.U.	Water is slightly alkaline
Alkalinity	68	mg CaCO3/L	Water is soft
Total Phosphorus	35	ug/L	Phosphorus enriched
Nitrates	230	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	45	mesotrophic
Based on Total Phosphorus	51	moderately eutrophic
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.
- 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 _____
Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR **WQ PRO** DEALER



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