

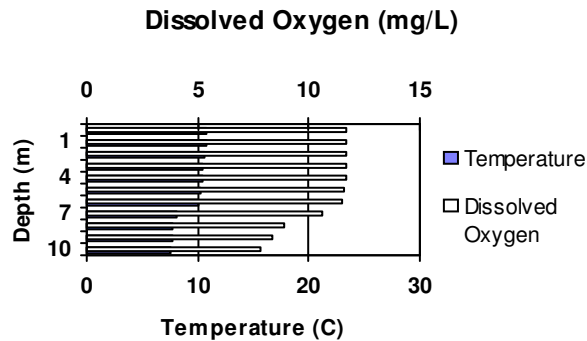
LAKE CHECK Water Quality Monitoring Report

2025277

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 4/14/2025
		Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	10.7	11.7	105
1	10.7	11.7	106
2	10.6	11.7	105
3	10.4	11.7	105
4	10.4	11.7	105
5	10.3	11.6	104
6	10.0	11.5	102
7	8.1	10.6	90
8	7.8	8.9	75
9	7.8	8.3	70
10	7.6	7.8	65



Secchi Disk Depth 2.8 meters

Thermocline Depth 6.5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	91	uS/cm	
Total Dissolved Solids	81	mg/L	Low concentration of dissolved salts
pH	7.9	S.U.	Water is slightly alkaline
Alkalinity	49	mg CaCO3/L	Water is very soft
Total Phosphorus	8	ug/L	Slightly phosphorus enriched
Nitrates	200	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	30	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 10/27/2025

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR



DEALER



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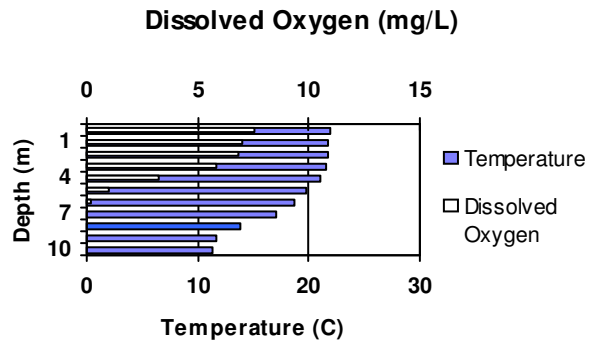
LAKE CHECK Water Quality Monitoring Report

2025278

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 9/29/2025
		Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	21.9	7.6	87
1	21.8	7.0	80
2	21.8	6.8	78
3	21.6	5.8	67
4	21.0	3.3	37
5	19.8	1.0	11
6	18.6	0.2	2
7	17.0	0.1	1
8	13.8	0.1	1
9	11.7	0.1	1
10	11.3	0.1	1



Secchi Disk Depth 2.0 meters
 Thermocline Depth 4.5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	130	uS/cm	
Total Dissolved Solids	90	mg/L	Low concentration of dissolved salts
pH	8.0	S.U.	Water is slightly alkaline
Alkalinity	66	mg CaCO3/L	Water is soft
Total Phosphorus	14	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	50	moderately eutrophic
Based on Total Phosphorus	38	meso-oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions for fish growth are FAIR. (see cautions/warnings below)
- Minimum dissolved oxygen is nearly low enough to adversely affect sensitive fish.
- Bottom water is deoxygenated, preventing fish from living in cooler water at bottom of lake.
- pH is within acceptable limits.
- Sample is somewhat phosphorus enriched. Create natural buffer between lawn & lakeshore.
- REPEAT LakeCheck NEXT YEAR!

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 - 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 10/27/2025
Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR **WQ
PRO** DEALER



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