

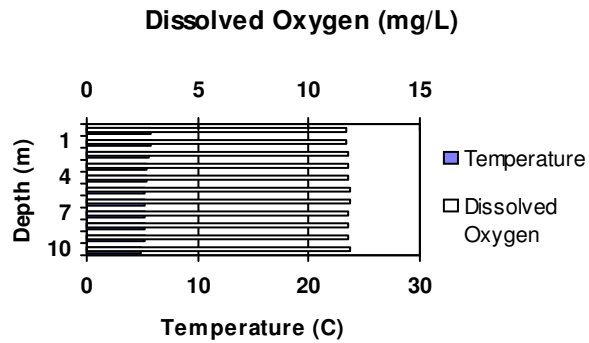


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 3/28/2023
		Site: Deep hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	5.8	11.7	93
1	5.7	11.7	94
2	5.5	11.8	93
3	5.3	11.8	93
4	5.3	11.8	93
5	5.2	11.8	93
6	5.2	11.8	93
7	5.2	11.8	93
8	5.2	11.8	93
9	5.2	11.8	93
10	4.9	11.8	92



Secchi Disk Depth 2.3 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	118	uS/cm	
Total Dissolved Solids	77	mg/L	Low concentration of dissolved salts
pH	8.0	S.U.	Water is slightly alkaline
Alkalinity	43	mg CaCO3/L	Water is very 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	48	moderately eutrophic
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 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

Jaimée Desjardins

Date 10/13/2023

Mrs. Jaimée Desjardins, Technical Services Manager

FROM YOUR **WQ
PRO** DEALER



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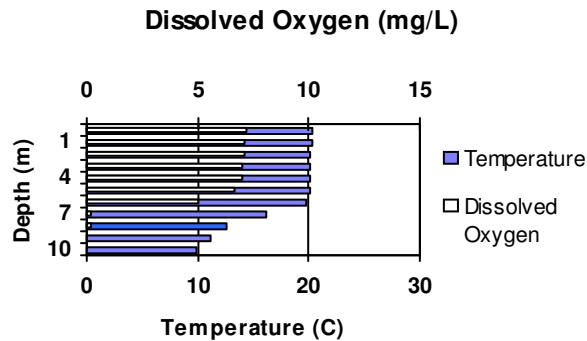
LAKE CHECK Water Quality Monitoring Report

2023214

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 9/20/2023
		Site: Deep hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	20.3	7.2	79
1	20.3	7.1	79
2	20.2	7.1	79
3	20.2	7.1	78
4	20.2	7.0	77
5	20.1	6.7	74
6	19.8	5.1	56
7	16.1	0.2	2
8	12.6	0.1	1
9	11.2	0.1	1
10	9.8	0.1	1



Secchi Disk Depth 3.3 meters
 Thermocline Depth 6.5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	0	uS/cm	
Total Dissolved Solids	82	mg/L	Low concentration of dissolved salts
pH	7.9	S.U.	Water is slightly alkaline
Alkalinity	90	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	43	mesotrophic
Based on Total Phosphorus	33	meso-oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- 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 10/13/2023

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR



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