

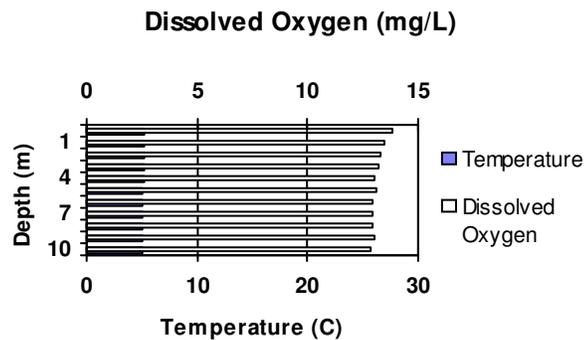


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Crystal Lake (Jackson)	Crystal Lake	Date: 3/30/2023
	Area: acres	Site: Middle
	Depth: Feet (max)	
	Feet (avg.)	

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	5.2	13.8	109
1	5.2	13.4	107
2	5.2	13.3	104
3	5.2	13.2	104
4	5.2	13.0	103
5	5.1	13.1	103
6	5.1	13.0	102
7	5.1	12.9	102
8	5.1	12.9	101
9	5.1	13.0	102
10	5.1	12.8	101



Secchi Disk Depth 4.0 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	184	uS/cm	
Total Dissolved Solids	295	mg/L	Moderate concentration of dissolved salts
pH	7.9	S.U.	Water is slightly alkaline
Alkalinity	106	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	40	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 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 11/21/2023

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR **WO
PRO** DEALER



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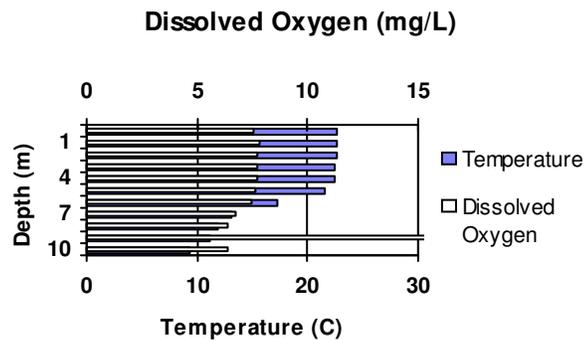


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Crystal Lake (Jackson)	Crystal Lake	Date: 9/12/2023
	Area: acres	Site: Middle
	Depth: Feet (max)	
	Feet (avg.)	

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	22.6	7.5	80
1	22.6	7.8	80
2	22.6	7.7	81
3	22.5	7.7	81
4	22.4	7.7	81
5	21.6	7.7	79
6	17.2	7.5	74
7	13.2	6.7	65
8	11.8	6.4	63
9	11.1	6.4	6
10	9.4	6.3	62



Secchi Disk Depth 3.5 meters
 Thermocline Depth 6 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	294	uS/cm	
Total Dissolved Solids	190	mg/L	Low concentration of dissolved salts
pH	8.7	S.U.	Water is slightly alkaline
Alkalinity	112	mg CaCO3/L	Water is soft
Total Phosphorus	10	ug/L	Slightly phosphorus enriched
Nitrates	231	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	42	mesotrophic
Based on Total Phosphorus	33	meso-oligotrophic
Based on Chlorophyll	N/A	

Conclusions

- 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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 - 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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