

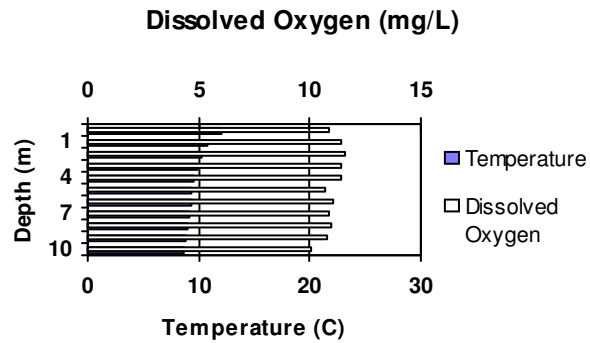


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Crystal Lake (Jackson)	Crystal Lake	Date: 4/28/2020
	Area: acres	Site: Deep Hole
	Depth: Feet (max)	
	Feet (avg.)	

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	12.0	10.9	101
1	10.8	11.4	103
2	10.3	11.6	104
3	9.9	11.4	101
4	9.5	11.4	100
5	9.3	10.7	94
6	9.3	11.0	96
7	9.1	10.9	94
8	8.9	11.0	95
9	8.8	10.8	93
10	8.6	10.1	87



Secchi Disk Depth 7.0 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	285	uS/cm	
Total Dissolved Solids	185	mg/L	Low concentration of dissolved salts
pH	8.5	S.U.	Water is slightly alkaline
Alkalinity	100	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	32	meso-oligotrophic
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.
- 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 Conroy

Date 11/10/2020

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR **WO
PRO** DEALER



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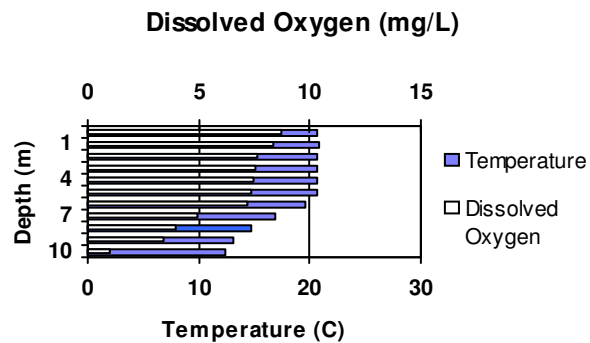


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Crystal Lake (Jackson)	Crystal Lake	Date: 9/17/2020
	Area: acres	Site: Deep Hole
	Depth: Feet (max)	
	Feet (avg.)	

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	20.7	8.8	98
1	20.8	8.4	84
2	20.7	7.6	82
3	20.7	7.5	80
4	20.7	7.4	79
5	20.6	7.4	79
6	19.5	7.2	77
7	16.8	4.9	53
8	14.8	4.0	40
9	13.1	3.4	35
10	12.4	1.0	10



Secchi Disk Depth 4.5 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	231	uS/cm	
Total Dissolved Solids	163	mg/L	Low concentration of dissolved salts
pH	8.8	S.U.	Water is slightly alkaline
Alkalinity	95	mg CaCO3/L	Water is soft
Total Phosphorus	17	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	38	mesotrophic
Based on Total Phosphorus	41	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.
- 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 Conroy

Date 11/10/2020

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