



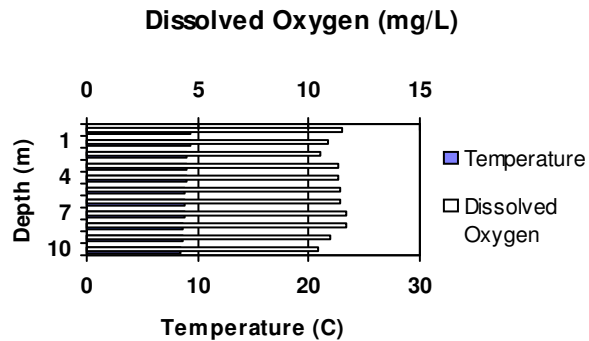
Water Quality Monitoring Report

2020284

Customer	Waterbody	Sample Information
Clark Lake	Clark Lake	Date: 4/27/2020
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	9.4	11.5	101
1	9.3	10.9	95
2	9.0	10.5	91
3	8.9	11.4	98
4	8.9	11.4	97
5	8.8	11.4	98
6	8.8	11.4	98
7	8.8	11.6	100
8	8.7	11.7	100
9	8.6	10.9	94
10	8.5	10.4	89



Secchi Disk Depth 6.0 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	434	uS/cm	
Total Dissolved Solids	282	mg/L	Moderate concentration of dissolved salts
pH	8.5	S.U.	Water is slightly alkaline
Alkalinity	159	mg CaCO3/L	Water is hard
Total Phosphorus	13	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	34	meso-oligotrophic
Based on Total Phosphorus	37	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.

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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 11/25/2020

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR



DEALER



PLM Lake & Land Management Corp
P.O. Box 132
Caledonia MI 49316-
Phone: (616) 891-1294

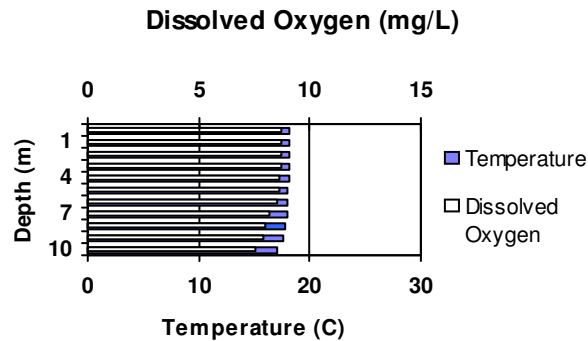
LAKE CHECK Water Quality Monitoring Report

2020285

Customer	Waterbody	Sample Information
Clark Lake	Clark Lake	Date: 9/30/2020
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	18.1	8.7	90
1	18.1	8.7	88
2	18.1	8.7	90
3	18.1	8.8	90
4	18.1	8.6	88
5	18.0	8.6	88
6	17.9	8.6	85
7	17.9	8.2	82
8	17.8	8.0	80
9	17.6	7.9	79
10	17.0	7.5	71



Secchi Disk Depth 3.5 meters
 Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	353	uS/cm	
Total Dissolved Solids	264	mg/L	Moderate concentration of dissolved salts
pH	8.6	S.U.	Water is slightly alkaline
Alkalinity	101	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	42	mesotrophic
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 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 Jaimée Desjardins Date 11/25/2020
Mrs. Jaimée Desjardins, Technical Services Manager

FROM YOUR **WQ
PRO** DEALER



PLM Lake & Land Management Corp
P.O. Box 132
Caledonia MI 49316-
Phone: (616) 891-1294