



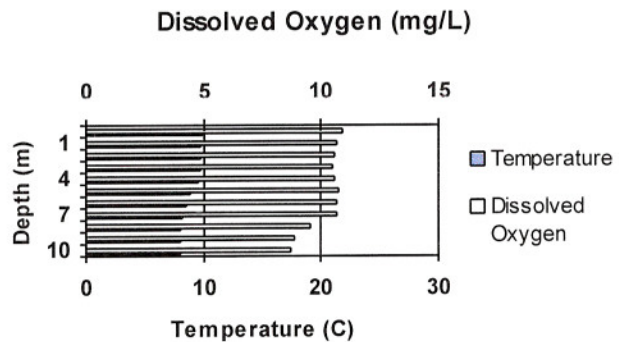
Water Quality Monitoring Report

2008117

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 4/15/2008
Joyce Beedie PO Box 482 Paw Paw MI 49079		Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	9.8	10.9	96
1	9.7	10.7	94
2	9.7	10.6	93
3	9.7	10.5	93
4	9.6	10.6	93
5	8.9	10.7	93
6	8.4	10.6	92
7	8.1	10.6	91
8	8.1	9.6	82
9	8.0	8.8	75
10	8.0	8.7	75



Secchi Disk Depth 3.4 meters

Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	150	uS/cm	
Total Dissolved Solids	98	mg/L	Low concentration of dissolved salts
pH	7.6	S.U.	Water is slightly alkaline
Alkalinity	70	mg CaCO ₃ /L	Water is soft
Total Phosphorus	8	ug/L	Slightly phosphorus enriched
Nitrates	450	ug/L	Slightly nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	42	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


Mrs. Jamiee Conroy, Technical Services Manager

Date 9/16/2008

FROM YOUR **WO** DEALER



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