



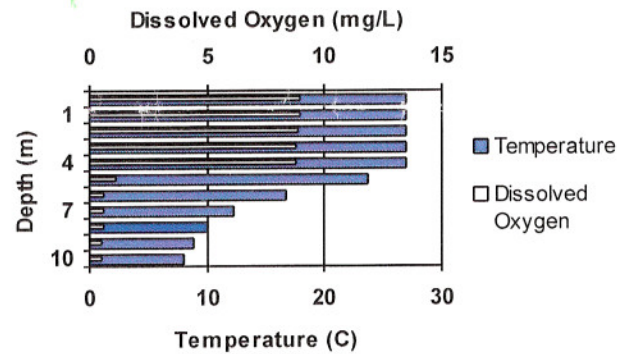
Water Quality Monitoring Report

2007114

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 8/14/2007
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	27.0	8.9	112
1	27.0	8.9	112
2	27.0	8.9	112
3	27.0	8.8	110
4	27.0	8.8	110
5	23.7	1.1	13
6	16.8	0.6	7
7	12.2	0.6	6
8	10.0	0.6	5
9	8.8	0.6	5
10	8.0	0.5	5



Secchi Disk Depth	2.8 meters
Thermocline Depth	4.5 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	173	uS/cm	Low concentration of dissolved salts
Total Dissolved Solids	113	mg/L	
pH	8.1	S.U.	Water is slightly alkaline
Alkalinity	90	mg CaCO3/L	Water is soft
Total Phosphorus	21	ug/L	Moderately phosphorus enriched
Nitrates	450	ug/L	Slightly nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	45	mesotrophic
Based on Total Phosphorus	44	mesotrophic
Based on Chlorophyll	N/A	

Conclusions

- Conditions are good for fish growth.
- Minimum dissolved oxygen is nearly low enough to adversely affect sensitive fish.
- Bottom water is deoxygenated, preventing fish from living in cooler water at bottom of lake.
- pH is within acceptable limits.
- Sample is somewhat phosphorus enriched. Use phosphorus-free fertilizer on lakeshore lawns.
- REPEAT LakeCheck NEXT YEAR!

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. Jaimee Conroy, Technical Services Manager

Date 9/18/2007

FROM YOUR  DEALER



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