



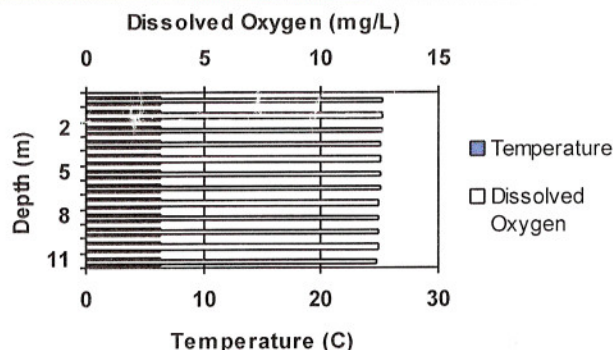
Water Quality Monitoring Report

2007113

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 4/12/2007
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	6.2	12.6	102
1	6.2	12.6	102
2	6.2	12.6	102
3	6.3	12.6	102
4	6.3	12.5	101
5	6.3	12.5	101
6	6.3	12.5	101
7	6.3	12.5	101
8	6.3	12.5	101
9	6.3	12.4	101
10	6.3	12.4	101
11	6.3	12.4	100



Secchi Disk Depth 2.8 meters

Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	155	uS/cm	
Total Dissolved Solids	101	mg/L	Low concentration of dissolved salts
pH	7.8	S.U.	Water is slightly alkaline
Alkalinity	80	mg CaCO3/L	Water is soft
Total Phosphorus	14	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	38	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.
- Sample is somewhat phosphorus enriched. Use phosphorus-free fertilizer on lakeshore lawns.
- Repeat LakeCheck in Fall.

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



Professional Lake Management

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