



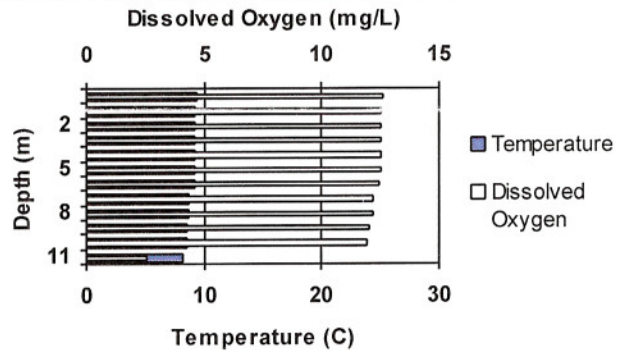
# Water Quality Monitoring Report

2006262

Customer	Waterbody	Sample Information
Three Mile Lake	Three Mile Lake	Date: 4/6/2006
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	9.3	12.6	110
1	9.3	12.5	109
2	9.3	12.5	109
3	9.2	12.5	109
4	9.2	12.5	109
5	9.2	12.5	109
6	9.1	12.4	108
7	8.8	12.2	105
8	8.7	12.1	104
9	8.6	12.0	103
10	8.5	11.9	102
11	8.3	2.5	19



Secchi Disk Depth 4.3 meters

Thermocline Depth meters

## Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	126	uS/cm	
Total Dissolved Solids	85	mg/L	Low concentration of dissolved salts
pH	8.1	S.U.	Water is slightly alkaline
Alkalinity	90	mg CaCO3/L	Water is soft
Total Phosphorus	8	ug/L	Slightly phosphorus enriched
Nitrates	470	ug/L	Slightly nitrogen enriched
Chlorophyll	N/A		

## Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	39	mesotrophic
Based on Total Phosphorus	30	oligotrophic
Based on Chlorophyll	N/A	

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## 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*  
Mrs. Jaimee Conroy, Technical Services Manager

Date 9/28/2006

FROM YOUR



DEALER



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