



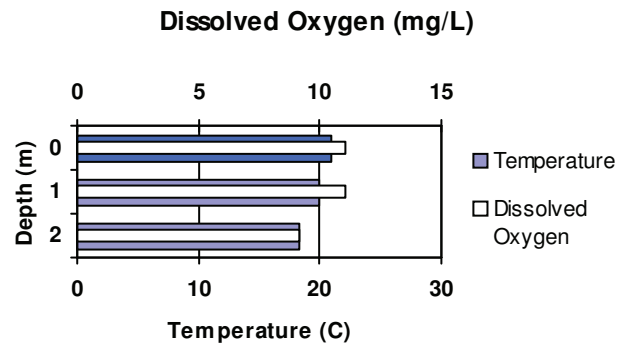
Water Quality Monitoring Report

2011008

Customer	Waterbody	Sample Information
Indian Lake - Oakland Wes Roy 12 Indianside Road Oakland MI 48363	Indian Lake	Date: 5/13/2011 Site: #1

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen (mg/L)	
		mg/L	%
0	21.0	11.0	122
1	19.9	11.1	122
2	18.4	9.1	98



Secchi Disk Depth	2.2 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	445	uS/cm	
Total Dissolved Solids	289	mg/L	Moderate concentration of dissolved salts
pH	8.3	S.U.	Water is slightly alkaline
Alkalinity	173	mg CaCO ₃ /L	Water is hard
Total Phosphorus	28	ug/L	Moderately phosphorus enriched
Nitrates	400	ug/L	Slightly nitrogen enriched
Chlorophyll	N/A		

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	49	moderately eutrophic
Based on Total Phosphorus	48	mesotrophic
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.

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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

Date 6/30/2011

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR  DEALER



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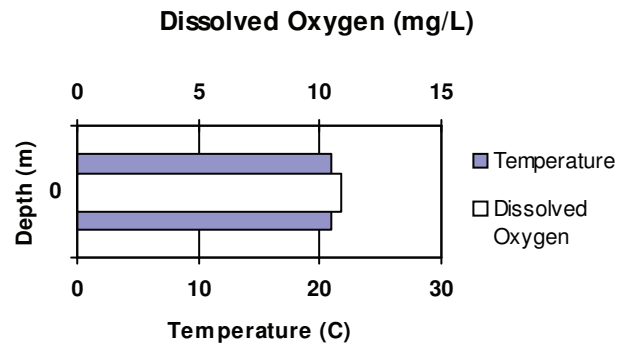
Water Quality Monitoring Report

2011009

Customer	Waterbody	Sample Information
Indian Lake - Oakland Wes Roy 12 Indianside Road Oakland MI 48363	Indian Lake	Date: 5/13/2011 Site: #2

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	21.0	10.9	121



Secchi Disk Depth	2.2 meters
Thermocline Depth	meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	445	uS/cm	
Total Dissolved Solids	290	mg/L	Moderate concentration of dissolved salts
pH	8.3	S.U.	Water is slightly alkaline
Alkalinity	146	mg CaCO3/L	Water is hard
Total Phosphorus	9	ug/L	Slightly phosphorus enriched
Nitrates	400	ug/L	Slightly nitrogen enriched
Chlorophyll		N/A	

Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	49	moderately eutrophic
Based on Total Phosphorus	31	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.
- 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

Date 6/30/2011

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