



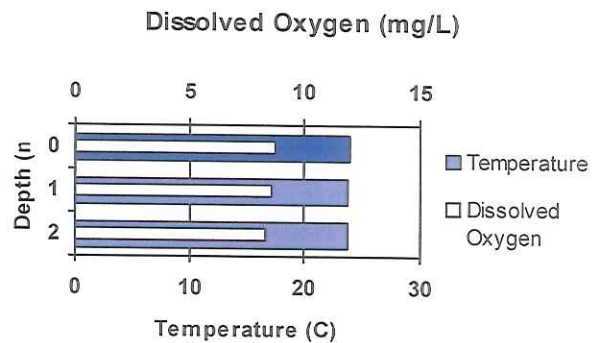
# Water Quality Monitoring Report

2014173

Customer	Waterbody	Sample Information
Indian Lake- HC	Indian Lake	Date: 6/24/2014
		Site: Deep Hole

## On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	23.9	8.7	88
1	23.8	8.6	86
2	23.8	8.3	83



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	218	uS/cm	
Total Dissolved Solids	142	mg/L	Low concentration of dissolved salts
pH	8.6	S.U.	Water is slightly alkaline
Alkalinity	113	mg CaCO <sub>3</sub> /L	Water is soft
Total Phosphorus	12	ug/L	Moderately phosphorus enriched
Nitrates	250	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

## Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	49	moderately eutrophic
Based on Total Phosphorus	36	meso-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.
- Sample is somewhat phosphorus enriched. Create natural buffer between lawn & lakeshore.
- 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

*Jaimee Conroy*

Date 10/23/2014

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR  DEALER



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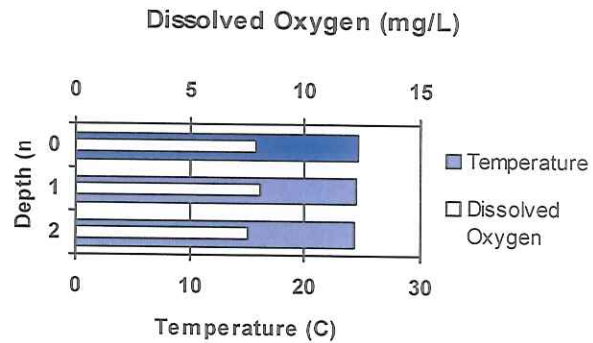
# Water Quality Monitoring Report

2014174

Customer	Waterbody	Sample Information
Indian Lake- HC	Indian Lake	Date: 8/25/2014 Site: Deep Hole

## On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	24.6	7.8	94
1	24.4	8.0	91
2	24.4	7.5	91



Secchi Disk Depth 1.5 meters  
Thermocline Depth meters

## Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	270	uS/cm	
Total Dissolved Solids	175	mg/L	Low concentration of dissolved salts
pH	8.6	S.U.	Water is slightly alkaline
Alkalinity	123	mg CaCO <sub>3</sub> /L	Water is hard
Total Phosphorus	25	ug/L	Moderately phosphorus enriched
Nitrates	250	ug/L	Not nitrogen enriched
Chlorophyll	N/A		

## Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	54	moderately eutrophic
Based on Total Phosphorus	46	mesotrophic
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.
- Sample is somewhat phosphorus enriched. Create natural buffer between lawn & lakeshore.
- Repeat LakeCheck in Fall.

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- WARNING. condition requires immediate attention.
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## Notes

Report describes conditions at the time the sample was collected.

Approved by

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Date 10/23/2014

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR **WQ  
PRO** DEALER



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