



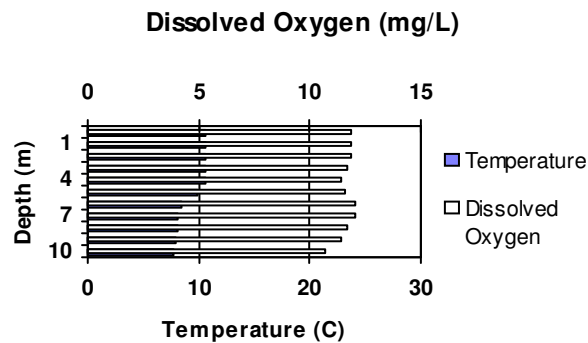
Water Quality Monitoring Report

2022500

| Customer | Waterbody | Sample Information |
|---------------|---------------|--------------------|
| Big Bass Lake | Big Bass Lake | Date: 4/26/2022 |
| | | Site: Middle |

On-Site Results

| Depth (m) | Temperature (degrees C) | Dissolved Oxygen | |
|-----------|-------------------------|------------------|-----|
| | | mg/L | % |
| 0 | 10.7 | 11.9 | 107 |
| 1 | 10.7 | 11.8 | 107 |
| 2 | 10.7 | 11.8 | 106 |
| 3 | 10.6 | 11.6 | 105 |
| 4 | 10.5 | 11.4 | 103 |
| 5 | 9.9 | 11.6 | 103 |
| 6 | 8.4 | 12.1 | 103 |
| 7 | 8.1 | 12.0 | 102 |
| 8 | 8.1 | 11.7 | 99 |
| 9 | 7.9 | 11.4 | 96 |
| 10 | 7.8 | 10.6 | 90 |



Secchi Disk Depth 6.5 meters

Thermocline Depth meters

Analytical Results

| Parameter | Result | Units | Interpretation |
|--------------------------|--------|-------------------------|--------------------------------------|
| Fecal Bacteria (E. coli) | | CFU/100 mL | N/A |
| Conductivity | 188 | uS/cm | |
| Total Dissolved Solids | 136 | mg/L | Low concentration of dissolved salts |
| pH | 8.1 | S.U. | Water is slightly alkaline |
| Alkalinity | 91 | mg CaCO ₃ /L | Water is soft |
| Total Phosphorus | 22 | ug/L | Moderately phosphorus enriched |
| Nitrates | 230 | ug/L | Not nitrogen enriched |
| Chlorophyll | N/A | | |

Trophic State Evaluation

| | TSI | Trophic Status |
|----------------------------|-----|-------------------|
| Based on Secchi Disk Depth | 33 | meso-oligotrophic |
| Based on Total Phosphorus | 44 | 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.
- 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 Desjardins

Date _____

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR **WO PRO** DEALER



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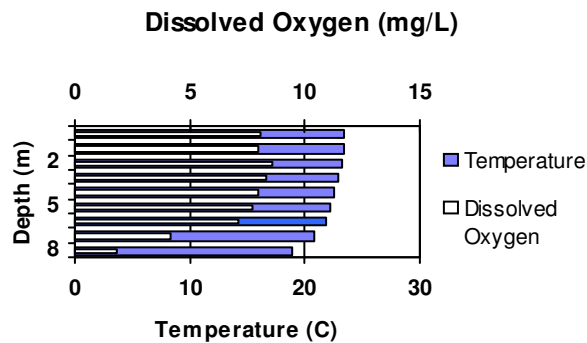
Water Quality Monitoring Report

2022501

| Customer | Waterbody | Sample Information |
|---------------|---------------|--------------------|
| Big Bass Lake | Big Bass Lake | Date: 9/19/2022 |
| | | Site: Middle |

On-Site Results

| Depth (m) | Temperature (degrees C) | Dissolved Oxygen (mg/L) | |
|-----------|-------------------------|-------------------------|----|
| | | mg/L | % |
| 0 | 23.5 | 8.1 | 95 |
| 1 | 23.4 | 8.0 | 94 |
| 2 | 23.3 | 8.6 | 97 |
| 3 | 23.0 | 8.3 | 97 |
| 4 | 22.6 | 8.0 | 92 |
| 5 | 22.3 | 7.8 | 89 |
| 6 | 21.9 | 7.1 | 81 |
| 7 | 20.9 | 4.2 | 47 |
| 8 | 18.8 | 1.8 | 19 |



Secchi Disk Depth 4.0 meters

Thermocline Depth meters

Analytical Results

| Parameter | Result | Units | Interpretation |
|--------------------------|--------|------------|--------------------------------------|
| Fecal Bacteria (E. coli) | | CFU/100 mL | N/A |
| Conductivity | 191 | uS/cm | |
| Total Dissolved Solids | 124 | mg/L | Low concentration of dissolved salts |
| pH | 8.6 | S.U. | Water is slightly alkaline |
| Alkalinity | 98 | mg CaCO3/L | Water is soft |
| Total Phosphorus | 12 | ug/L | Moderately phosphorus enriched |
| Nitrates | 230 | ug/L | Not nitrogen enriched |
| Chlorophyll | N/A | | |

Trophic State Evaluation

| | TSI | Trophic Status |
|----------------------------|-----|-------------------|
| Based on Secchi Disk Depth | 40 | mesotrophic |
| Based on Total Phosphorus | 36 | 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 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.

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