

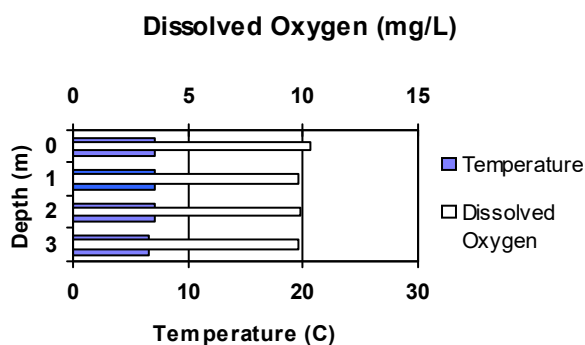
# LAKE CHECK Water Quality Monitoring Report

2025838

Customer	Waterbody	Sample Information
Lake Bel Air	Lake Bel Air	Date: 4/8/2025
		Site: Middle

## On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	7.1	10.4	86
1	7.1	9.8	82
2	7.1	9.9	79
3	6.6	9.8	81



Secchi Disk Depth 0.5 meters  
Thermocline Depth meters

## Analytical Results

Parameter	Result	Units	Interpretation
Conductivity	379	uS/cm	
Total Dissolved Solids	250	mg/L	Moderate concentration of dissolved salts
pH	8.0	S.U.	Water is slightly alkaline
Alkalinity	185	mg CaCO3/L	Water is very hard
Total Phosphorus	34	ug/L	Phosphorus enriched
Nitrates	230	ug/L	Not nitrogen enriched

## Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	70	hypereutrophic
Based on Total Phosphorus	51	moderately eutrophic

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## Conclusions

- 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.
- No remedial action recommended at this time.
- 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 11/19/2025

Mrs. Jaimee Desjardins, Technical Services Manager

FROM YOUR



DEALER



PLM Lake & Land Management Corp  
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Phone: (616) 891-1294

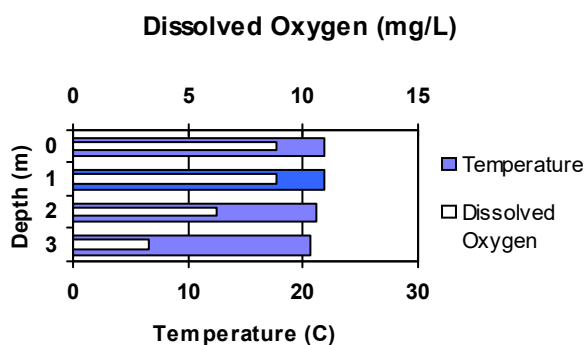
# LAKE CHECK Water Quality Monitoring Report

2025839

Customer	Waterbody	Sample Information
Lake Bel Air	Lake Bel Air	Date: 9/3/2025
		Site: Middle

## On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen mg/L	%
0	21.8	8.8	101
1	21.8	8.8	100
2	21.1	6.2	80
3	20.6	3.3	40



Secchi Disk Depth 0.5 meters

Thermocline Depth meters

## Analytical Results

Parameter	Result	Units	Interpretation
Conductivity	273	uS/cm	
Total Dissolved Solids	394	mg/L	Moderate concentration of dissolved salts
pH	8.8	S.U.	Water is slightly alkaline
Alkalinity	172	mg CaCO3/L	Water is hard
Total Phosphorus	94	ug/L	Phosphorus polluted
Nitrates	230	ug/L	Not nitrogen enriched

## Trophic State Evaluation

	TSI	Trophic Status
Based on Secchi Disk Depth	70	hypereutrophic
Based on Total Phosphorus	65	hypereutrophic

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## Conclusions

- Minimum dissolved oxygen is adequate for good fish production.
- pH is within acceptable limits.
- Sample is somewhat nutrient (N and P) enriched. Adopt appropriate lakeshore landscaping and lawn care practices.
- No remedial action recommended at this time.
- 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.

Approved by

*Jaimee Desjardins*

Date 11/19/2025

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