

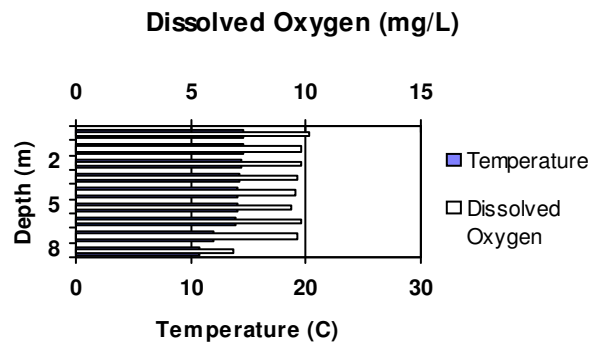


Water Quality Monitoring Report

Customer	Waterbody	Sample Information
Sand Lake - Jackson	Sand Lake	Date: 4/19/2017
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	14.6	10.2	100
1	14.5	9.8	97
2	14.4	9.8	96
3	14.3	9.6	94
4	14.1	9.5	93
5	14.1	9.4	91
6	13.9	9.8	95
7	12.0	9.6	93
8	10.8	6.9	61



Secchi Disk Depth 4.0 meters
 Thermocline Depth 7 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	298	uS/cm	
Total Dissolved Solids	194	mg/L	Low concentration of dissolved salts
pH	8.4	S.U.	Water is slightly alkaline
Alkalinity	106	mg CaCO3/L	Water is soft
Total Phosphorus	10	ug/L	Slightly 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	33	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.

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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

Date 11/29/2017

Mrs. Jaimee Conroy, Technical Services Manager

FROM YOUR **WO
PRO** DEALER



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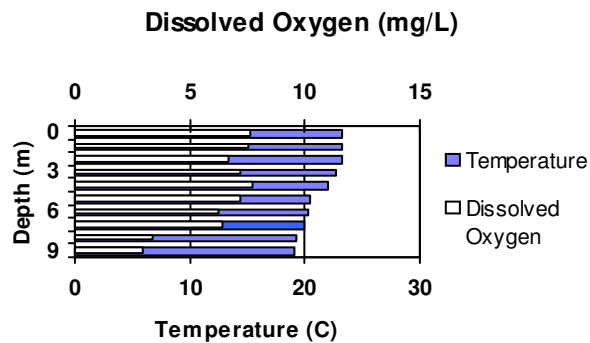
Water Quality Monitoring Report

2017201

Customer	Waterbody	Sample Information
Sand Lake - Jackson	Sand Lake	Date: 9/17/2017
		Site: Middle

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	23.3	7.6	89
1	23.3	7.6	88
2	23.3	6.7	78
3	22.8	7.2	83
4	22.0	7.7	87
5	20.5	7.2	76
6	20.3	6.2	68
7	19.9	6.4	70
8	19.3	3.4	37
9	19.1	2.9	30



Secchi Disk Depth 3.5 meters

Thermocline Depth 4 meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 mL	N/A
Conductivity	291	uS/cm	
Total Dissolved Solids	188	mg/L	Low concentration of dissolved salts
pH	8.5	S.U.	Water is slightly alkaline
Alkalinity	130	mg CaCO3/L	Water is hard
Total Phosphorus	15	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	42	mesotrophic
Based on Total Phosphorus	39	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 NEXT YEAR!

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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

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