



Water Quality Monitoring Report

2016106

Customer Waterbody Sample Information

Cedar Lake

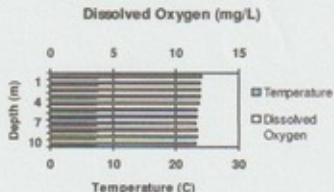
Cedar Lake

Date: 4/13/2016

Site: Deep Hole

On-Site Results

Depth (m)	Temperature (degrees C)	Dissolved Oxygen	
		mg/L	%
0	7.6	12.0	101
1	7.6	11.9	100
2	7.5	11.9	100
3	7.4	11.9	99
4	7.4	11.8	99
5	7.4	11.7	98
6	7.4	11.6	97
7	7.4	11.6	97
8	7.3	11.6	97
9	7.2	11.6	98
10	7.2	11.6	98



Secchi Disk Depth 4.9 meters

Thermocline Depth meters

Analytical Results

Parameter	Result	Units	Interpretation
Fecal Bacteria (E. coli)		CFU/100 ml	N/A
Conductivity	283	uS/cm	
Total Dissolved Solids	183	mg/L	Low concentration of dissolved salts
pH	8.5	S.U.	Water is slightly alkaline
Alkalinity	126	mg CaCO ₃ /L	Water is hard
Total Phosphorus	8	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	37	meso-oligotrophic
Based on Total Phosphorus	30	oligotrophic
Based on Chlorophyll	N/A	