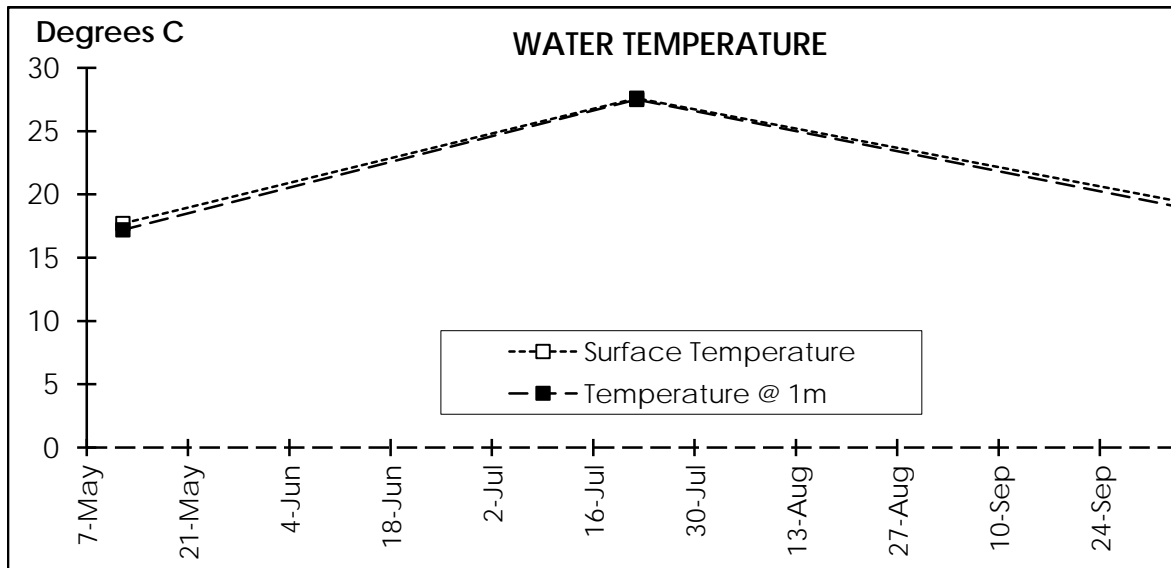
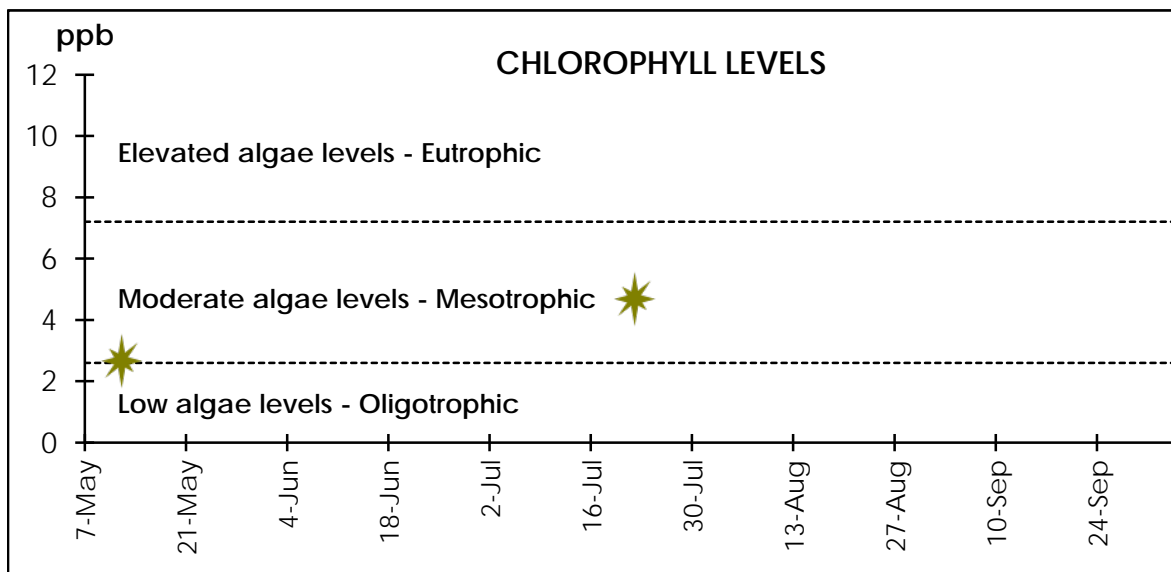
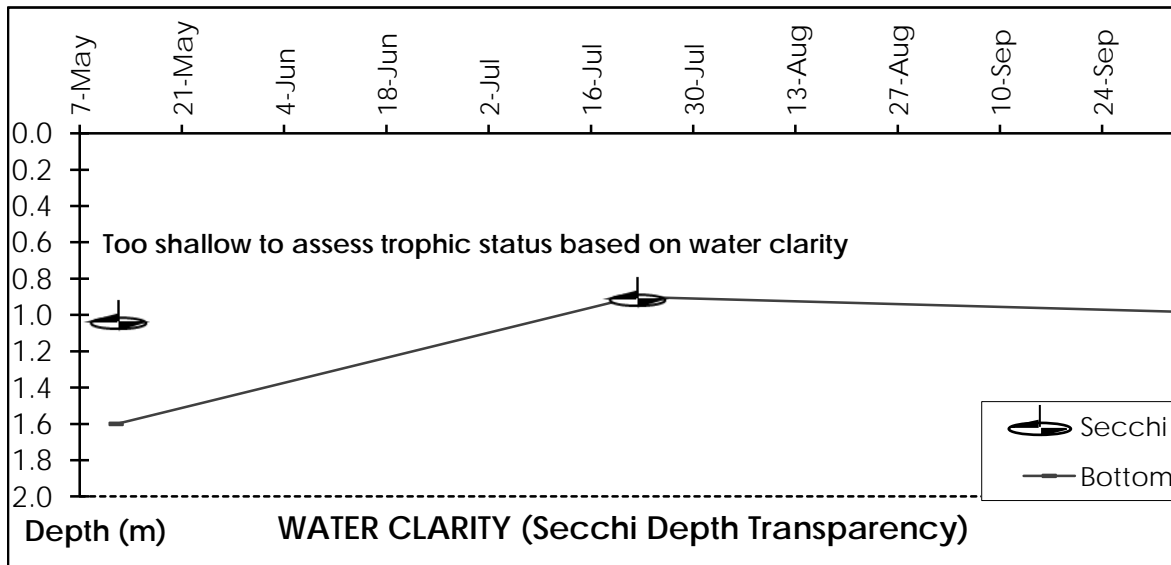
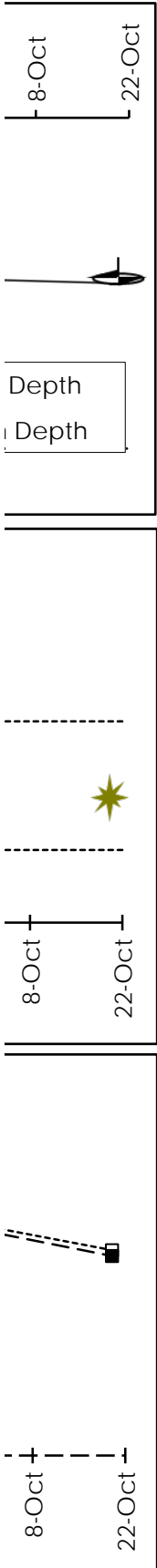


# 2016 Blue Lake



# 2016 Blue Lake



## 2016 BLUE LAKE DATA

Blue Lake	MAY	JULY	OCT	
	-----Total Phosphorus (ppb) -----			<b>Mean</b>
Blue Lake	12	8	12	<b>11</b>
	<i>RIDEM lake maximum average TP value 25 ppb CEQ recommends maximum 100 ppb TP instream</i>			
	-----Dissolved Phosphorus (ppb) -----			<b>Mean</b>
Blue Lake	8	7	5	<b>7</b>
	<i>ND = No Detect    Limit of Detection = 4 ppb Mean determined with half the limit of detection (2 ppb) in place of ND</i>			
	----- Total Nitrogen (ppb) -----			<b>Mean</b>
	Rounded to 5 ppb			
Blue Lake	360	430	400	<b>400</b>
	<i>Total nitrogen levels in lakes and ponds above 750 ppb considered elevated. US EPA recommended maximum total nitrogen levels for northeast streams = 710 ppb</i>			
	----- Nitrate-Nitrogen (ppb) -----			<b>Mean</b>
	Rounded to 5 ppb			
Blue Lake	ND	25	20	<b>18</b>
	<i>ND = No Detect    Limit of Detection = 15 ppb Mean determined with half the limit of detection (7.5 ppb) in place of ND</i>			
	----- Ammonia-Nitrogen (ppb) -----			<b>Mean</b>
	Rounded to 5 ppb			
Blue Lake	25	40	20	<b>30</b>
	<i>ND = No Detect    Limit of Detection = 15 ppb Mean determined with half the limit of detection (7.5 ppb) in place of ND</i>			
	----- Chlorides (ppm) -----			<b>Mean</b>
Blue Lake	13	-	18	<b>16</b>
	<i>Chlorides measured in spring and fall to assess the impact from winter road salt use. Levels expected to be highest in spring, and "background" or "normal" levels by fall.</i>			
	----- Enterococci (per 100 mLs) -----			<b>Maximum</b>
Blue Lake	<1	1	20	<b>20</b>
	<i>RIHealth Standard for Recreational Contact: Maximum 61 Enterococci per 100 mLs</i>			
	----- pH -----			<b>Minimum</b>
Blue Lake	6.7	6.8	6.7	<b>6.7</b>
	<i>pH of 6 - 9 considered normal</i>			
	----- Alkalinity (mg/l CaCO3) -----			<b>Minimum</b>
Blue Lake	7	12.1	10.2	<b>7.0</b>

\_\_\_\_\_  
USEPA Alkalinity Classification: \_\_\_\_\_

CRITICAL: (< 2 ppm)

SENSITIVE: (10-20 ppm)