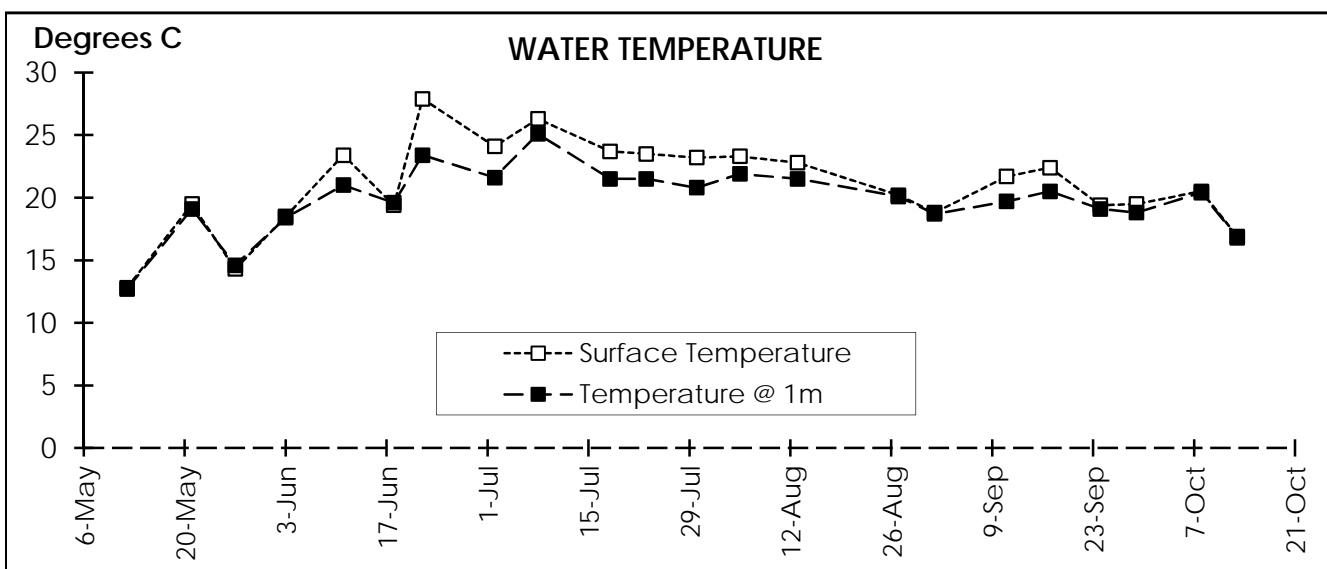
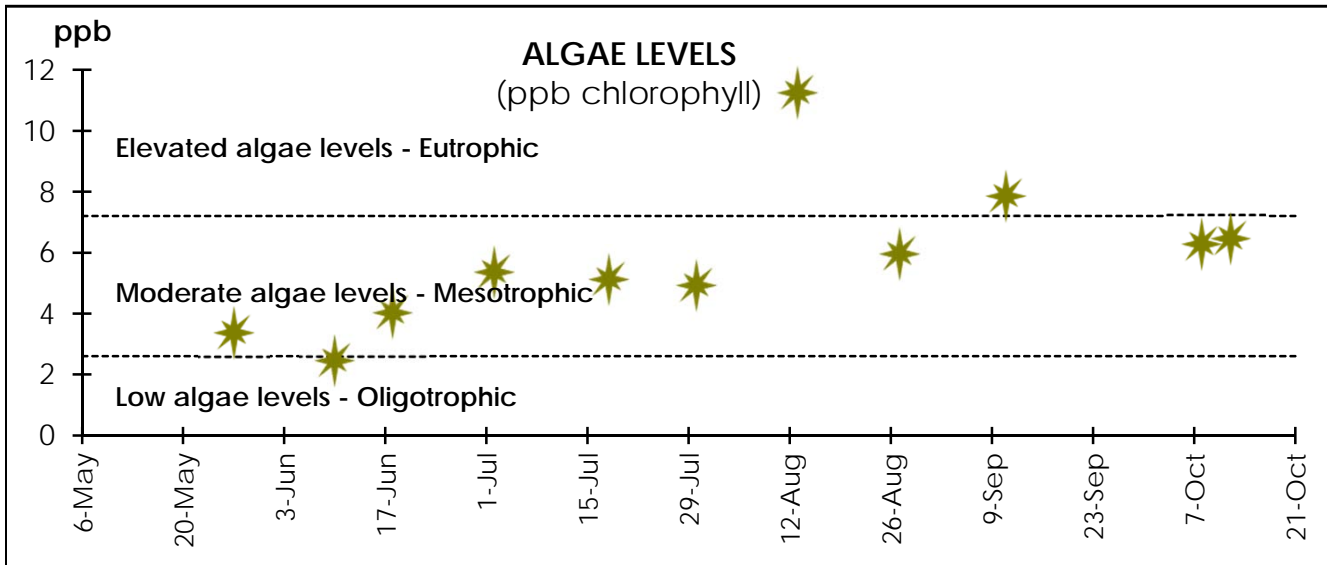
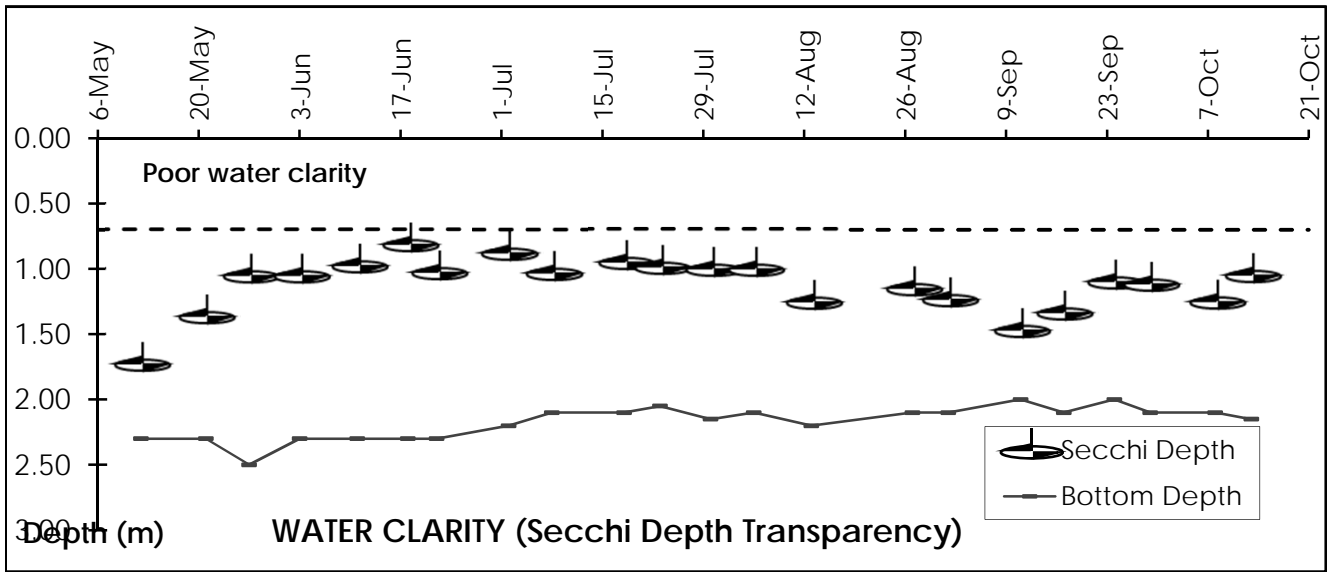


2017 SPAULDING POND



2017 SPAULDING POND WATER QUALITY DATA

	MAY	JULY	OCT	
	-----Total Phosphorus (ppb) -----			Mean
Spaulding Pond	10	34	23	22
	<i>RIDEM lake maximum average TP value 25 ppb</i>			
	<i>CEQ recommends maximum 100 ppb TP instream</i>			
	-----Dissolved Phosphorus (ppb) -----			Mean
Spaulding Pond	<4	10	6	6
	<i>Detection Limit = 4 ppb, mean determined using half of detection limit</i>			
	----- Total Nitrogen (ppb) -----			Mean
Spaulding Pond	380	790	540	570
	<i>Total nitrogen levels in lakes and ponds above 750 ppb considered elevated.</i>			
	----- Nitrate-Nitrogen (ppb) -----			Mean
Spaulding Pond	40	20	<15	25
	<i>Detection Limit = 15 ppb, mean determined using half of detection limit</i>			
	----- Ammonia-Nitrogen (ppb) -----			Mean
Spaulding Pond	30	75	45	50
	----- Chlorides (ppm) -----			Mean
Spaulding Pond	12	-	14	13
	----- Enterococci (per 100 mLs) -----			Maximum
Spaulding Pond	3	37	3	37
	<i>Health Standard for Recreational Contact: Maximum 61 Enterococci per 100 mL</i>			
	----- pH -----			Minimum
Spaulding Pond	6.4	6	6.5	6.0
	<i>pH of 6 - 9 considered normal</i>			
	----- Alkalinity (mg/l CaCO ₃) -----			Minimum
Spaulding Pond	5.4	8	15.3	5.4

USEPA Alkalinity Classification:

ACIDIFIED: (< 1 ppm with pH < 5.0)
 CRITICAL: (< 2 ppm)
 ENDANGERED (2-5 ppm)

HIGHLY SENSITIVE: (5-10 ppm)
 SENSITIVE: (10-20 ppm)
 NOT SENSITIVE (>20 ppm)

Spalding Pond Multi-year Summary

