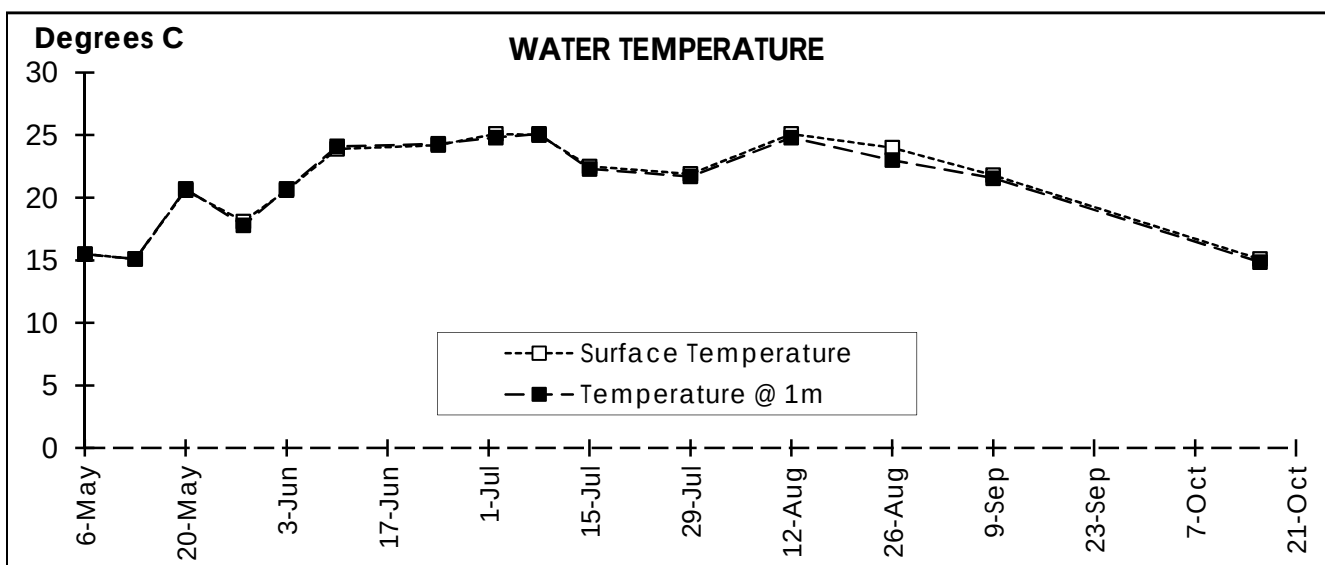
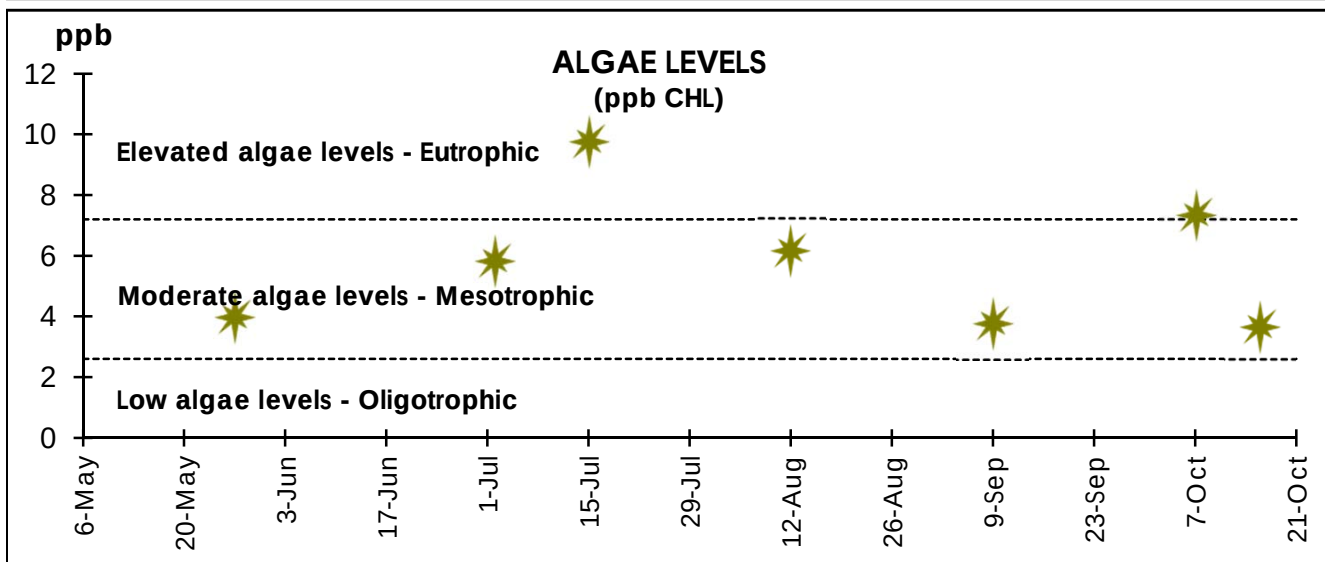
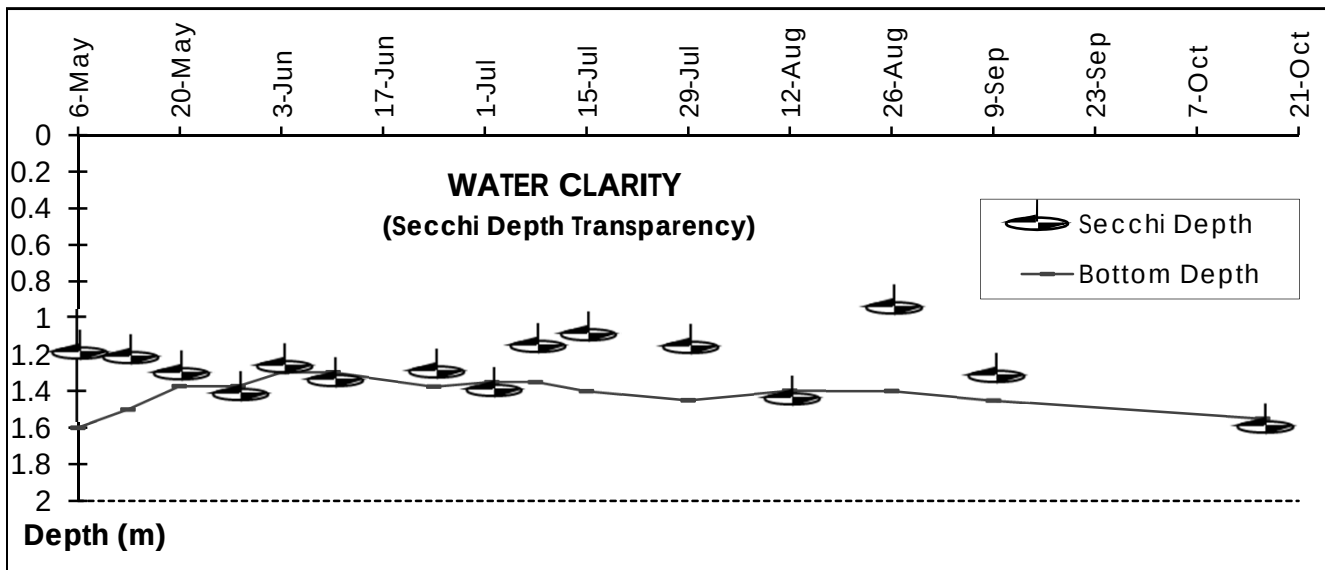


2017 Wesquage Pond



2017 Wesquage Pond Water Quality Measurements



URI Watershed Watch, 2/07/18

	MAY	JULY	AUG.	OCT	
	-----Total Phosphorus (ppb) -----				Avg.
Wesquage Pond	23	29	41	14	27
	<i>RIDEM recommended lake maximum average TP value 25 ppb</i>				
	-----Dissolved Phosphorus (ppb) -----				Avg.
Wesquage Pond	6	6	10	5	7
	----- Total Nitrogen (ppb) -----				Avg.
Wesquage Pond	575	820	1030	740	791
	<i>Total nitrogen levels in lakes and ponds above 750 ppb considered elevated.</i>				
	----- Nitrate-Nitrogen (ppb) -----				Avg.
Wesquage Pond	ND	nd	nd	ND	ND
	<i>ND = < 15 ppb</i>				
	----- Ammonia-Nitrogen (ppb) -----				Avg.
Wesquage Pond	35	35	55	45	43
	<i>ND = No Detect Limit of Detection = 15 ppb</i>				
	----- Enterococci Bacteria (per 100 mLs) -----				Maximum
Wesquage Pond	<1	10	<10	16.4	<1
	<i>RIHealth Standard for Recreational Contact: Maximum 61 Enterococci per 100 mLs</i>				
	----- pH -----				Minimum
Wesquage Pond	7.3	7.4	7.9	6.6	7.3
	<i>pH of 6 - 9 considered normal</i>				
	----- Alkalinity (mg/l CaCO3) -----				Minimum
Wesquage Pond	23	36	39	39	23
	<u>USEPA Alkalinity Classification:</u>				

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)