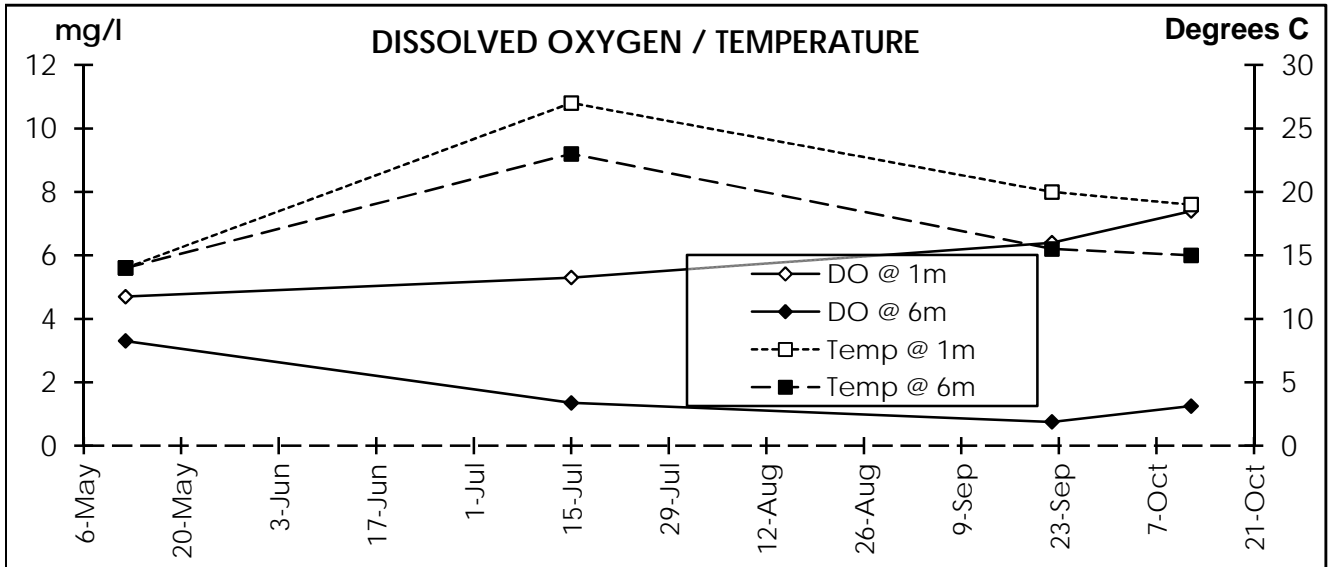
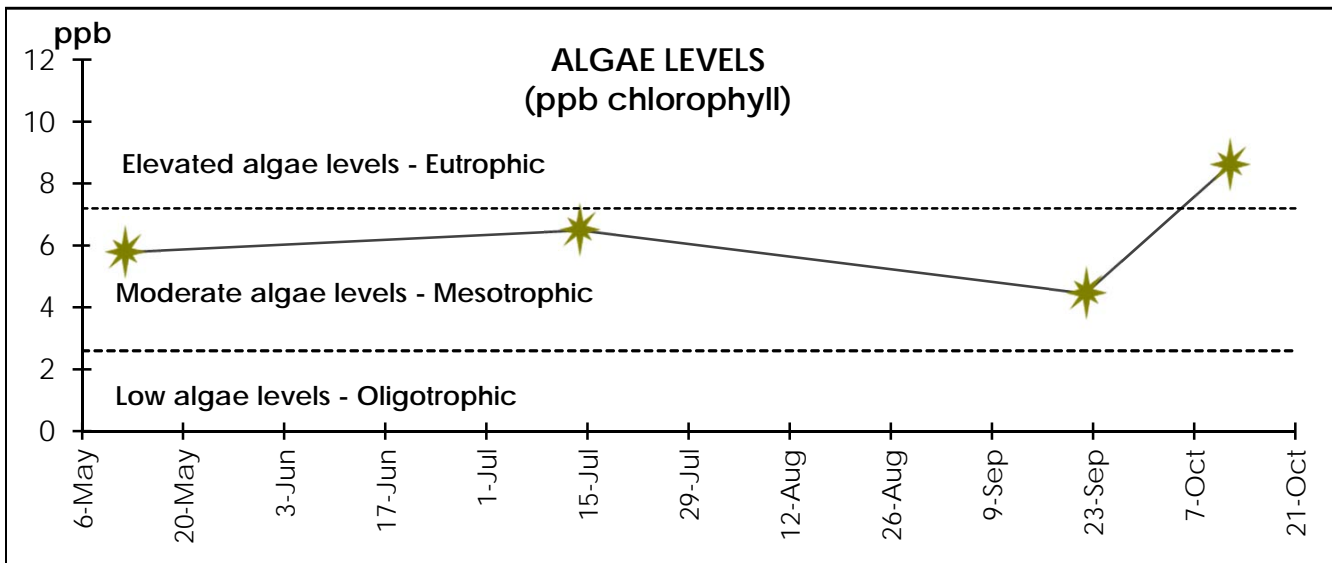
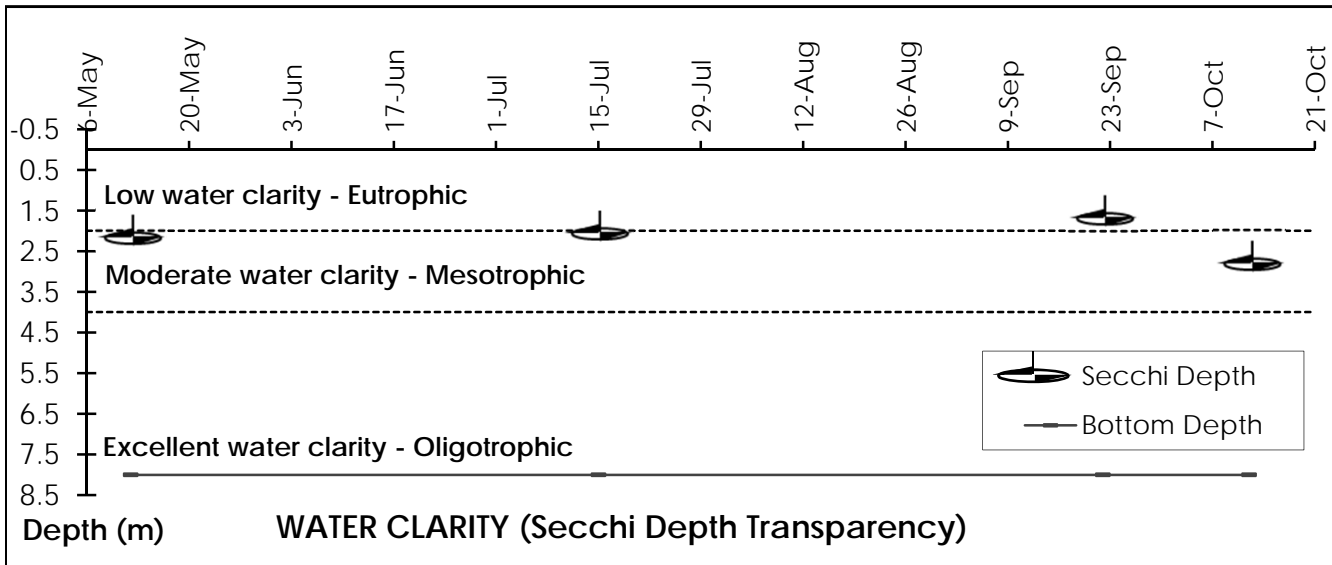


2017 Wyassup Lake



2017 WYASSUP LAKE MONITORING DATA

	MAY	JULY	SEPT	OCT	
-----Total Phosphorus (ppb) -----					Mean
Wyassup @ 1m	10	15	<4	15	11
Wyassup @ 6m	17	31	15	28	23
<i>RIDEM lake maximum average TP value 25 ppb</i>					
-----Dissolved Phosphorus (ppb) -----					Mean
Wyassup @ 1m	5	8	6	12	8
Wyassup @ 6m	5	5	8	6	6
<i>Detection limit is 4 ppb. Mean determined with half the detection limit (2 ppb)</i>					
----- Total Nitrogen (ppb) -----					Mean
Wyassup @ 1m	285	400	365	440	375
Wyassup @ 6m	480	735	1015	980	800
<i>Total nitrogen levels in lakes and ponds above 750 ppb considered elevated.</i>					
----- Nitrate-Nitrogen (ppb) -----					Mean
Wyassup @ 1m	<15	<15	<15	<15	<15
Wyassup @ 6m	20	<15	20	20	17
<i>Detection limit is 15 ppb. Mean determined with half the detection limit (7.5)</i>					
----- Ammonia-Nitrogen (ppb) -----					Mean
Wyassup @ 1m	40	85	65	45	60
Wyassup @ 6m	55	60	155	75	85
<i>Detection limit is 15 ppb. Mean determined with half the detection limit (7.5)</i>					
----- Chlorides (ppm) -----					Mean
Wyassup @ 1m	9	-		12	10.5
Wyassup @ 6m	10	-		11	10.5
<i>Chlorides measured in spring and fall to assess the impact from winter road salt use.</i>					
----- Enterococci (per 100 mLs) -----					Maximum
Wyassup @ 0.5m	15	62	135	111	135
<i>RIHealth Standard for Recreational Contact: Maximum 61 Enterococci per 100 mLs</i>					
----- pH -----					Minimum
Wyassup @ 1m	6.6	6.9	6.9	6.7	6.6
Wyassup @ 6m	6.6	6.6	6.6	6.4	6.5
<i>pH of 6 - 9 considered normal</i>					
----- Alkalinity (mg/l CaCO ₃) -----					Minimum
Wyassup @ 1m	7.0	8.5	10.9	13.5	7.0

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)

Wyassup Lake Multi-year Summary

