

Charlotte Harbor Aquatic Preserves - Seagrass Monitoring Data Sheet

Page ____ of ____

Date: 8 / 21 / 2019	Wind Dir: N / NE / NW / S (SE) SW / E / W	Observers: MC, CC, JB, KH	Tide Start: 1.2 FT $\uparrow$ MHW
Site # MPO 5	Wind Sp: Calm / 0.4 / 5-10 11-15 / 16-20 / >20	Compass Heading: NW 345 Marker 16	Tide End: 0.2 FT $\uparrow$ MHW
Offset from Flagging: 24 m	Seas: Calm / R / LC / MC / HC	Site Comments: Isle South of Marker 10 North Central Island ~ 20 East of Bird Isle	7th 8th Red Mangrove multiple Flagged Mangrove
Cloud Cover %: 0 (1-25) / 26-50 / 51-75 / 76-99 / 100			

Station (m)	Repeat Quad (y/n)	Stake Found (y/n)	Time	Depth (cm)	Sediment	Total Abund	Species	Species Abund	Shoot Count	Blade Lengths (5)	Epi Density	Epi Type	Bed	Flagging stake?	Comments	Flagging?
0	Y	Y	9:30	90	1	3	H	3	73	16 11 10 15 11	3	Alg	M			
-3.1	N	W	9:40	90	1	2	H	2	72	15 14 11 17 15	2	Alg	B			
50	Y	Y	9:50	90	2	4	H	3	59	8 19 26 39 22	2	Alg	M			
50	Y	Y	9:50	90	2	4	H	4	34	31 30 34 26 24	2	Alg	M			
100	Y	Y	10:05	100	2	3	H	3	120	15 16 22 20 28	2	Alg	M			
100	Y	Y	10:05	100	2	3	H	1	16	19 24 25 17 14	2	Alg	M			
100	Y	Y	10:05	100	2	3	HE	1	10		2	Alg	M		stagnant	
150	Y	Y	10:20	110	3	3	T	2	34	30 20 25 15 18	2	Alg	M			
150	Y	Y	10:20	110	3	3	H	3	72	20 26 24 17 18	2	Alg	M			
200	Y	Y	10:35	120	3	2	H	2	133	24 20 22 16 21	2	Alg	M		shift right side	
200	Y	Y	10:35	120	3	2	HE	1	16						stagnant	
250	Y	Y	10:55	125	3	2	H	2	142	29 17 17 30 27	3	Alg	M		half shift to right	
250	Y	Y	10:55	125			HE	1	13						stagnant	

Water Chemistry	WQ Depth (m)	DO (mg/l)	Salinity (ppt)	Temp (°C)	Secchi (m)	Location along transect	Snorkelers start time end time	Divers start time end time	Data Recorder
Species: (H) Halodule, (R) Ruppia, (T) Thalassia, (S) Syringodium, (HE) Halophilla, (AA) Attached Algae, (DA) Drift Algae									
BB Abundance cover: r = solitary, + = few, 1 = < 5%, 2 = 5-25%, 3 = 26-50%, 4 = 51-75%, 5 = 76-100%									
Epiphyte Density: 1 = clean / none, 2 = light, 3 = moderate, 4 = heavy									

Page ____ of ____

[illegible]

Page 1 of 1[illegible]

Page ____ of _____

gross contribution
channel

Page 1 of 1[illegible]

Charlotte Harbor Aquatic Preserves- Seagrass Monitoring Data Sheet

Page ____ of ____

Date: 11/6/2019	Wind Dir: N / NE / NW / S / SE / SW / E / W	Observers: KW, KW, GS, NR	Tide Start: 1.1 FT 10 MHW
Site # CR02	Wind Sp: Calm / 0-4 / 5-10 / 11-15 / 16-20 / >20	Compass Heading: 170°	Tide End: 2.5 FT 10 MHW
Offset from Flagging: 8.1 m	Seas: Calm / R / LC / MG / HC	Site Comments: Between Highrise house to the east	
Cloud Cover %: 0 / 1-25 / 26-50 / 51-75 / 76-99 / 100			

Station (m)	Repeat Quad (y/n)	Stake Found (y/n)	Time	Depth (cm)	Sediment	Total Abund	Species	Species Abund	Shoot Count	Blade Lengths (5) (cm)	Epi Density	Epi Type	Bed	Flagging stake?	Flagging?	Comments
0	Y	Y	12:20	75	3				NO SAV							
25	Y	X	12:22	90	3				NO SAV							Ruppia Nearby
50	Y	X	12:24	90	3				NO SAV							
32	N	N	12:36	90	3	1	R	1	20	77 69 5	3	A/B	B			
75	Y	Y	12:50	150	3				NO SAV				M			
100	Y	Y	12:55	120	3				NO SAV				M			
104.7	N	N	13:04	122	3	R	R	R	19				+	X		Not quite end of Bed
105.7	N	N	13:12	125	3	1	R	1	27	55 45 4	2	A/B	E			
			:										2 Enc			
			:													
			:													
			:													
			:													

Water Chemistry Sonde:	WQ Depth (m)	DO (mg/l)	Salinity (ppt)	Temp (°C)	Secchi (m)	Location along transect	Snorkelers	Divers	Data Recorder
							start time end time	start time end time	
Time :								total depth	

Species: (H) Halodule, (R) Ruppia, (T) Thalassia, (S) Syringodium, (HE) Halophilla, (AA) Attached Algae, (DA) Drift Algae
 BB Abundance cover: r = solitary, + = few, 1 = < 5%, 2 = 5-25%, 3 = 26-50%, 4 = 51-75%, 5 = 76-100% Bed: B = Beginning, M = Middle, E = End
 Epiphyte Density: 1 = clean / none, 2 = light, 3 = moderate, 4 = heavy Sediment: 1 = shelly sand, 2 = sand, 3 = muddy sand, 4 = muck