

Location	Group Number	Time	Temp. (C)	DO(ppm)	pH	Salinity (ppt)
Rykman Park	1	3:00p.m	32	3	7	30
Rykman Park	2	2:00p.m	29	3	7.5	30.3
Rykman Park	3	1:00p.m	30	2	7	24
Rykman Park	4	1:50p.m	28	2	7.5	25
Rykman Park	5	11:50 a.m	30	3	8	27.25
Rykman Park	6	10:45 a.m.	N/A	2	N/A	N/A
Rykman Park	7	2:30 p.m	28	N/A	7.5	30
Rykman Park	8	N/A	N/A	N/A	N/A	N/A
Rykman Park	9	N/A	N/A	N/A	N/A	N/A
Rykman Park	10	N/A	N/A	N/A	N/A	N/A
Average			29.5	2.5	7.416667	27.75833

Location	Group Number	Turbidity (cm)	Fecal Coliform	phosphate(ppm)	Nitrate(ppm)
Rykman Park	1	60	Yes	3	3
Rykman Park	2	60	Yes	4	2
Rykman Park	3	N/A	Yes	2	2
Rykman Park	4	N/A	Yes	N/A	N/A
Rykman Park	5	N/A	Yes	N/A	N/A
Rykman Park	6	N/A	N/A	N/A	N/A
Rykman Park	7	45	N/A	3	3
Rykman Park	8	N/A	N/A	N/A	N/A
Rykman Park	9	N/A	N/A	N/A	N/A
Rykman Park	10	N/A	N/A	N/A	N/A
Average		55		3	2.5

Species Caught	Group 1 Tally	Group 2 Tally	Group 3 Tally	Group 4 Tally	Group 5 Tally	Group 6 Tally
Mojarra	4	8	N/A	1	5	N/A
Anchovy	16	15	N/A	22	82	N/A
Mangrove Tree Crab	3	1	N/A	0	0	N/A
Sheepshead Minnow	1	0	N/A	0	0	N/A
Belini	0	1	N/A	0	0	N/A
Shrimp	0	1	N/A	0	0	N/A
Pipefish	0	1	N/A	0	0	N/A
Snail	0	1	N/A	0	0	N/A
Mullet	0	1	N/A	0	0	N/A
Sea Trout	0	0	N/A	3	2	N/A
Atlantic Blue Crab	0	0	N/A	1	0	N/A
Preacher Fish(illegible h	0	0	N/A	3	0	N/A
Hermit Crab	0	0	N/A	0	1	N/A
Catfish	0	0	N/A	0	0	N/A
Mangrove Root Crab	0	0	N/A	0	0	N/A
Pinfish	0	0	N/A	0	0	N/A
Blennie	0	0	N/A	0	0	N/A
Pinefish(illegible handwr	0	0	N/A	0	0	N/A
Total Fish Caught	24	29	N/A	30	90	N/A

Species Caught	Group 7 Tally	Group 8 Tally	Group 9 Tally	Group 10 Tally	Total Species (Average)
Mojarra	8	2	N/A	N/A	28 8
Anchovy	39	30	N/A	N/A	204 34
Mangrove Tree Crab	2	6	N/A	N/A	12 2
Sheepshead Minnow	0	0	N/A	N/A	1 0.166666667
Belini	0	0	N/A	N/A	1 0.166666667
Shrimp	0	0	N/A	N/A	1 0.166666667
Pipefish	0	2	N/A	N/A	3 0.5
Snail	0	1	N/A	N/A	2 0.333333333
Mullet	0	0	N/A	N/A	1 0.166666667
Sea Trout	7	1	N/A	N/A	13 2.166666667
Atlantic Blue Crab	0	0	N/A	N/A	1 0.166666667
Preacher Fish(illegible h	0	0	N/A	N/A	3 0.5
Hermit Crab	0	0	N/A	N/A	1 0.166666667
Catfish	2	0	N/A	N/A	2 0.333333333
Mangrove Root Crab	0	6	N/A	N/A	6 1
Pinfish	0	1	N/A	N/A	1 0.166666667
Blennie	0	2	N/A	N/A	2 0.333333333
Pinefish(illegible handwr	0	1	N/A	N/A	1 0.166666667
Total Fish Caught	58	52	N/A	N/A	283

Teams	Tidal Change		Tidal Change	urrent	Direct	urrent	Speed	ch	Tide	Temp	C	Cloud	Cover	%	Wind	mph
	0 min	10 min														
1	125	125	unchanged	west	8.2	ebb	36	25	10.2							
2	124	125	unchanged	west	5.9	ebb	35	50	10.1							
3	124	123	unchanged	west	3.6	ebb	35	25	7.8							
4	151	153	rising	west			36	25	9.1							
5	126	127	unchanged	west			35	50	3.8							
6	153	153	unchanged				34	25	4							
7	153	153	unchanged				34									
8							32									
9																
10																
Avg	136.5714286	137	unchanged	west	5.9	ebb	34.625	33.33333333	7.5							

Physical Characteristics

Teams	Sandy	Road Ending	Gentale Beach slope	Riprap	Bulkhead	Rocky	Steep Slope
1	0	1	0	1	0	1	1
2	0	1	0	1	1	1	1
3	0	1	0	1	0	1	1
4	0	1	0	1	0	1	1
5	0	1	0	1	1	1	1
6							
7							
8							
9							
10							
avg	0	1	0	1	0.4	1	1

Sediment Sample

	Clay	Mud	Sand	Gravel	Pebbles	Bivalve Shells	Snail Shells
1	1	3	4	2	2	4	3
2	1	4	3	2	2	1	1
3	2	2	4	1	2	3	2
4	1	2	4	3	2	3	2
5	3	3	3	3	1	3	1
6	3	3	4	1	2	3	3
7	2	3	3	3	1	3	3
8							
9							
10							
avg	1.857142857	2.857142857	3.571428571	2.142857143	1.714285714	2.857142857	2.142857143

Sediment core cm

	Length	Oxidized Layer	Anoxic Layer
1	10	1	9
2	10	1	9
3	11	1	10

4	14	2.14	5
5	10	1	9
6	16	1.5	14.5
7			
8			
9			
10			
avg	11.83333333	1.273333333	9.416666667

1 = Present

	Garbage	Vegetated	e Entering Lagoon	Pier	Oyster reef
	1	1	0	1	1
	1	1	0	1	1
	1	1	0	1	1
	1	1	0	1	1
	1	1	0	1	1
	1	1	0	1	1
	1	1	0	1	1

Absent=1  
 Rare= 2  
 Common=3  
 Abundant=4

Macroinverts	Muck	Plant Material
1	4	3
1	3	2
4	3	3
1	1	1
1	3	3
1	1	2
2	3	3

1.571428571      2.571428571 2.428571429

Tidal Change						
0 min	10 min	Difference	Current Direction	Current Speed cm/s	Tide	Temp C
125	125	unchanged	west	8.2	ebb	36

Cloud Cover %    Wind mph

25

10.2