

Date	Station ID	Location	Start Time	End Time	Species
2005 Nekton Sampling Days					
Green Harbor and Green Harbor River					
07/29	RN1	1	10:45	11:10	Atlantic silverside
07/29	RN1	1	10:45	11:10	Mummichog
07/29	RN1	1	10:45	11:10	Shrimp (grass)
07/29	RN1	1	10:45	11:10	Shrimp (sand)
07/29	RN1	1	10:45	11:10	Green crab
07/29	RN2	2	11:15	12:00	Atlantic silverside
07/29	RN2	2	11:15	12:00	Mummichog
07/29	RN2	2	11:15	12:00	Green crab
07/29	RN2	2	11:15	12:00	Threespine stickleback
07/29	RN2	2	11:15	12:00	Shrimp (grass)
07/29	SN1	3	13:00	13:30	Green crab
07/29	SN1	3	13:00	13:30	American eel
07/29	SN1	3	13:00	13:30	Mummichog
07/29	SN1	3	13:00	13:30	Shrimp (grass)
07/29	SN2	4	13:30	14:00	Fundulus
07/29	SN2	4	13:30	14:00	Fourspine stickleback
07/29	SN2	4	13:30	14:00	White perch
07/29	SN2	4	13:30	14:00	Mummichog
07/29	SN2	4	13:30	14:00	Atlantic silverside
07/29	SN2	4	13:30	14:00	shrimp
07/29	SN2	4	13:30	14:00	Green crab
08/15	RN1	1	11:15	12:10	Mummichog
08/15	RN1	1	11:15	12:10	Winter flounder
08/15	RN1	1	11:15	12:10	Green crab
08/15	RN1	1	11:15	12:10	Atlantic silverside
08/15	RN2	2	11:50	12:20	Unknown -herring
08/15	RN2	2	11:50	12:20	Unknown 2
08/15	RN2	2	11:50	12:20	Mummichog
08/15	RN2	2	11:50	12:20	Winter flounder
08/15	RN2	2	11:50	12:20	Atlantic silverside
08/15	RN2	2	11:50	12:20	Green crab
08/15	SN1	3	1:15	14:00	Mummichog
08/15	SN1	3	1:15	14:00	Green crab
08/15	SN1	3	1:15	14:00	Shrimp (sand)
08/15	SN1	3	1:15	14:00	Atlantic silverside
08/15	SN1	3	1:15	14:00	Winter flounder
08/15	SN1	3	1:15	14:00	Unknown
08/15	SN2	4	14:40	15:10	Mummichog
08/15	SN2	4	14:40	15:10	Green crab
08/15	SN2	4	14:40	15:10	Northern pipefish
08/15	SN2	4	14:40	15:10	American eel

standard length (mm)

*Total Count	Total Weight	Sample Count	Sample Weight	1	2	3	4	5	6	7	8
53	17	40	8	26	23	23	37	26	30	43	31
1		1		16							
9		9									
4		4									
4		4		13	18	14	15				
110	47	40	17	31	28	30	33	26	44	32	34
180	36	40	8	22	21	18	20	21	17	20	12
10	13	10	13	25	23	20	20	12	18	12	2
1		1		21							
1		1		17							
3	26	3	26	31	29	26					
1		1									
2		2		24	25						
3		3		32	21	28					
6	10	6	10	57	54	42	55	46	47		
1		1		18							
2	1	2	1	39	31						
365	73	40	8	20	21	24	22	24	23	31	22
118	47	5	2	43	43	35	38	24			
7		7		30	28	18	20	22	9	16	
8	45	8	45	26	18	21	29	32	29	25	41
1		1		31							
21	31	21	31	42	54	55	57	36	48	36	50
7	14	7	14	11	25	14	15	19	16	16	
140	54	39	15	30	29	44	36	39	50	33	40
10	3	10	3	31	36	34	37	30	27	25	31
2		2		25	26						
700	339	40	24	27	26	35	30	33	21	28	30
11	14	11	14	44	50	60	30	36	30	36	37
263	92	40	14	61	31	33	35	29	35	25	30
4	20	4	20	20	25	33	30				
12	4	12	4	50	22	25	22	22	18	28	29
13	160	13	160	76	24	26	27	23	18	28	25
1											
2		2		26	28						
2	2	2	2	42	34						
1		1		23							
106	57	40	35	26	60	31	55	41	50	50	34
7	20	7	20	27	31	24	27	25	20	23	
3		3		85	82	103					
1											

Standard Length (mm)

9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

22 29 31 22 24 25 29 20 22 29 24 21 27 26 21 21 23 28 25 22 25 20 23

30 35 33 37 32 44 41 32 36 35 38 35 39 28 44 39 31 29 38 41 30 29 49
21 20 20 15 18 22 15 20 24 19 23 21 20 19 22 23 28 20 20 19 20 16 22
3 2

30 23 24 23 22 23 50 21 23 19 21 28 20 21 32 35 22 23 25 24 24 25 20

53 45 38 29 50 41 33 33 35 30 47 37 35

43 34 54 42 32 32 32 34 28 39 33 32 30 39 38 38 28 29 42 33 27 30 28

30 30

34 27 33 29 26 27 42 36 26 36 32 28 18 37 35 32 27 22 27 32 30 31 29
29 33 33
31 47 28 29 28 30 31 31 42 27 31 27 33 32 31 29 22 28 29 30 22 36 29

25 27 20 20
25 6 29 6 6

30 33 18 27 29 26 47 54 29 42 30 31 27 30 26 25 30 19 28 24 29 25 22

Standard length (mm)

32 33 34 35 36 37 38 39 40

25 22 25 25 30 20 20 21 24

47 36 40 30 39 38 32 45 38
21 18 18 13 23 27 30 19 24

25 19 21 18 20 21 23 23 21

29 25 26 41 26 32 40 29

24 27 30 29 28 28 32 33 33

43 30 30 35 26 27 24 25 28

25 20 20 24 21 29 27 29 23

08/15	SN2	4	14:40	15:10	Fourspine stickleback
08/15	SN2	4	14:40	15:10	Atlantic silverside
08/15	SN2	4	14:40	15:10	White perch
08/15	SN2	4	14:40	15:10	shrimp
08/26	RN1	1	09:20	10:20	Green crab
08/26	RN1	1	09:20	10:20	Mummichog
08/26	RN1	1	09:20	10:20	Atlantic silverside
08/26	RN1	1	09:20	10:20	Winter flounder
08/26	RN2	2	10:00	11:00	Mummichog
08/26	RN2	2	10:00	11:00	Green crab
08/26	SN1	3	10:40	11:30	Winter flounder
08/26	SN1	3	10:40	11:30	Atlantic silverside
08/26	SN1	3	10:40	11:30	Green crab
08/26	SN2	4	12:30	13:30	Sticklebacks (unknown ty
08/26	SN2	4	12:30	13:30	Mummichog
08/26	SN2	4	12:30	13:30	Northern pipefish
08/26	SN2	4	12:30	13:30	Banded Killifish
08/26	SN2	4	12:30	13:30	Green crab

? e was not documented

Note: e shrimp data could not be entered in the database because the database will not accept data

* g the formula: (sample count/sample weight) * total weight.

13	5	13	5	19	21	30	22	23	22	24	23
14	17	14	17	52	50	46	56	44	53	48	57
1		1		33							
12	4	12	4								
25	42	25	42	8	8	34	21	20	23	13	6
128	61	40	19	20	34	30	18	20	19	17	17
18	5	18	5	35	33	35	34	34	33	34	24
17	28	17	28	37	51	44	56	35	36	46	41
37	12	37	12	40	18	22	28	20	27	12	21
3		3		7	10	7					
1	24	1	24	115							
1	5	1	5	64							
7	36	7	36	28	30	34	27	22	7	9	
28	8	28	8	25	13	30	28	12	18	24	23
113	173	40	61	35	67	35	25	62	28	64	43
1		1		115							
19	10	19	10	13	32	28	29	38	33	37	23
11	11	11	11	18	18	17	13	13	19	15	14

without a count.

21 21 23 25 23
55 51 49 54 50 31

15 24 17 8 24 21 16 20 18 22 12 6 27 8 18 13 15
29 22 20 18 18 19 21 40 19 15 17 36 35 33 25 32 34 23 25 29 22 25 28
36 26 30 25 29 34 39 32 35 30
39 40 47 42 45 33 38 35 40

29 28 25 23 20 19 23 22 21 22 16 22 21 22 23 22 20 19 18 24 22 16 16

15 19 21 16 21 15 21 19 16 24 21 23 20 17 21 19 14 18 15 16
36 37 32 45 54 40 28 32 41 53 48 34 33 33 39 35 34 31 44 56 58 37 42
38 35 31 33 37 30 37 35 36 35 34
13 17 6

28 20 25 21 33 30 32 20 24

17 25 27 20 26 27

32 26 44 25 37 34 36 52 27

2005 Physical Data from Nekton Sampling Days RN1 - No. of dike Harbor Side RN2 - further east in harbor between two Islands
 SN1 - Green Harbor River - No. of dike SN2 - So. Side of river near Conservation path

Year	Date	Station ID	Location	Time	Salinity	Temp	DO mg/l	DO%
2005	7/29	RN1	1 - Harbor near dike	10:45	30.2	23.7	7.3	95.5
2005	7/29	RN2	2- Harbor between islands	11:15	29.6	24	10.9	149
2005	7/29	SN1	3 - River near dike	13:00	28.5	23.5	5.4	79
2005	7/29	SN2	4 -River So side	13:30	28.8	26.8	8.23	118.2
2005	8/15	RN1	1	11:15	YSI - nc	YSI - nc	YSI - nc	YSI - nc
2005	8/15	RN2	2	11:50	30	19.2	10.49	120.5
2005	8/15	SN1	3	13:15	27.1	21.1	6.79	84.1
2005	8/15	SN2	4	15:00	28.2	21.3	6.96	86.2
2005	08/26	RN1	1 - Harbor near dike	09:20	30.3	20	6.42	77.1
2005	08/26	RN2	2- Harbor between islands	10:30	30.2	23.6	9.2	123
2005	08/26	SN1	3 - River near dike	10:40	28.1	21.1	6.2	82
2005	08/26	SN2	4 -River So side	12:25	28.1	23.8	5.83	86