

Date	Site	Tide	Treatment	Water temp	Salinity	DO mg/L
30/09/2015	1BI Clean	Intertidal	Clean	21.8	34.2	7.8
30/09/2015	2BI Clean	Intertidal	Clean	22.1	34.9	7.9
27/10/2015	1BI Clean	Intertidal	Clean	24.2	35	6.85
27/10/2015	2BI Clean	Intertidal	Clean	23.4	33.3	6.45
27/11/2015	1BI Clean	Intertidal	Clean	27	36.8	4.68
27/11/2015	2BI Clean	Intertidal	Clean	26.6	36.4	5.8
27/12/2015	1BI Clean	Intertidal	Clean	27.4	36.7	6.1
27/12/2015	2BI Clean	Intertidal	Clean	26.9	36.2	5.8
28/01/2016	1BI Clean	Intertidal	Clean	26.7	36.2	5.8
28/01/2016	2BI Clean	Intertidal	Clean	26.3	36	5.8
26/02/2016	1BI Clean	Intertidal	Clean	27.2	37	6.2
26/02/2016	2BI Clean	Intertidal	Clean	26.9	36.6	5.8
26/03/2016	1BI Clean	Intertidal	Clean	26.8	36	6.4
26/03/2016	2BI Clean	Intertidal	Clean	26.1	36	5.6
21/04/2016	1BI Clean	Intertidal	Clean	25.8	34.1	7.5
21/04/2016	2BI Clean	Intertidal	Clean	26	32.3	8.1
31/05/2016	1BI Clean	Intertidal	Clean	19.9	36.8	8.5
31/05/2016	2BI Clean	Intertidal	Clean	19.6	36.8	8.1
26/06/2016	1BI Clean	Intertidal	Clean	15.4	32	8.5
26/06/2016	2BI Clean	Intertidal	Clean	16.1	33.4	8.2
26/07/2016	1BI Clean	Intertidal	Clean	17.7	35.5	7.5
26/07/2016	2BI Clean	Intertidal	Clean	18	35.4	7.4
23/08/2016	1BI Clean	Intertidal	Clean	19.8	35.8	6.9
23/08/2016	2BI Clean	Intertidal	Clean	19.7	35.3	7.1
17/09/2016	1BI Clean	Intertidal	Clean	21.5	35.6	7
17/09/2016	2BI Clean	Intertidal	Clean	21.2	35.3	6.8
28/10/2016	1BI Clean	Intertidal	Clean	25.4	36.8	7.5
28/10/2016	2BI Clean	Intertidal	Clean	25.6	35.6	7.7
28/11/2016	1BI Clean	Intertidal	Clean	26.4	37.6	6
28/11/2016	2BI Clean	Intertidal	Clean	25.4	37.4	5.6
30/09/2015	1AI Monitor	Intertidal	Monitor	21.8	34.2	7.8
30/09/2015	2AI Monitor	Intertidal	Monitor	22.1	34.9	7.9
27/10/2015	1AI Monitor	Intertidal	Monitor	24.2	35	6.85
27/10/2015	2AI Monitor	Intertidal	Monitor	23.4	33.3	6.45
27/11/2015	1AI Monitor	Intertidal	Monitor	27	36.8	4.68
27/11/2015	2AI Monitor	Intertidal	Monitor	26.6	36.4	5.8
27/12/2015	1AI Monitor	Intertidal	Monitor	27.4	36.7	6.1
27/12/2015	2AI Monitor	Intertidal	Monitor	26.9	36.2	5.8
28/01/2016	1AI Monitor	Intertidal	Monitor	26.7	36.2	5.8
28/01/2016	2AI Monitor	Intertidal	Monitor	26.3	36	5.8
26/02/2016	1AI Monitor	Intertidal	Monitor	27.2	37	6.2
26/02/2016	2AI Monitor	Intertidal	Monitor	26.9	36.6	5.8
26/03/2016	1AI Monitor	Intertidal	Monitor	26.8	36	6.4
26/03/2016	2AI Monitor	Intertidal	Monitor	26.1	36	5.6
21/04/2016	1AI Monitor	Intertidal	Monitor	25.8	34.1	7.5
21/04/2016	2AI Monitor	Intertidal	Monitor	26	32.3	8.1
31/05/2016	1AI Monitor	Intertidal	Monitor	19.9	36.8	8.5
31/05/2016	2AI Monitor	Intertidal	Monitor	19.6	36.8	8.1
26/06/2016	1AI Monitor	Intertidal	Monitor	15.4	32	8.5

26/06/2016	2AI Monitor	Intertidal	Monitor	16.1	33.4	8.2
26/07/2016	1AI Monitor	Intertidal	Monitor	17.7	35.5	7.5
26/07/2016	2AI Monitor	Intertidal	Monitor	18	35.4	7.4
23/08/2016	1AI Monitor	Intertidal	Monitor	19.8	35.8	6.9
23/08/2016	2AI Monitor	Intertidal	Monitor	19.7	35.3	7.1
17/09/2016	1AI Monitor	Intertidal	Monitor	21.5	35.6	7
17/09/2016	2AI Monitor	Intertidal	Monitor	21.2	35.3	6.8
28/10/2016	1AI Monitor	Intertidal	Monitor	25.4	36.8	7.5
28/10/2016	2AI Monitor	Intertidal	Monitor	25.6	35.6	7.7
28/11/2016	1AI Monitor	Intertidal	Monitor	26.4	37.6	6
28/11/2016	2AI Monitor	Intertidal	Monitor	25.4	37.4	5.6

30/09/2015	1CI replace	Intertidal	Replace	21.8	34.2	7.8
30/09/2015	2CI replace	Intertidal	Replace	22.1	34.9	7.9
27/10/2015	1CI replace	Intertidal	Replace	24.2	35	6.85
27/10/2015	2CI replace	Intertidal	Replace	23.4	33.3	6.45
27/11/2015	1CI replace	Intertidal	Replace	27	36.8	4.68
27/11/2015	2CI replace	Intertidal	Replace	26.6	36.4	5.8
27/12/2015	1CI replace	Intertidal	Replace	27.4	36.7	6.1
27/12/2015	2CI replace	Intertidal	Replace	26.9	36.2	5.8
28/01/2016	1CI replace	Intertidal	Replace	26.7	36.2	5.8
28/01/2016	2CI replace	Intertidal	Replace	26.3	36	5.8
26/02/2016	1CI replace	Intertidal	Replace	27.2	37	6.2
26/02/2016	2CI replace	Intertidal	Replace	26.9	36.6	5.8
26/03/2016	1CI replace	Intertidal	Replace	26.8	36	6.4
26/03/2016	2CI replace	Intertidal	Replace	26.1	36	5.6
21/04/2016	1CI replace	Intertidal	Replace	25.8	34.1	7.5
21/04/2016	2CI replace	Intertidal	Replace	26	32.3	8.1
31/05/2016	1CI replace	Intertidal	Replace	19.9	36.8	8.5
31/05/2016	2CI replace	Intertidal	Replace	19.6	36.8	8.1
26/06/2016	1CI replace	Intertidal	Replace	15.4	32	8.5
26/06/2016	2CI replace	Intertidal	Replace	16.1	33.4	8.2
26/07/2016	1CI replace	Intertidal	Replace	17.7	35.5	7.5
26/07/2016	2CI replace	Intertidal	Replace	18	35.4	7.4
23/08/2016	1CI replace	Intertidal	Replace	19.8	35.8	6.9
23/08/2016	2CI replace	Intertidal	Replace	19.7	35.3	7.1
17/09/2016	1CI replace	Intertidal	Replace	21.5	35.6	7
17/09/2016	2CI replace	Intertidal	Replace	21.2	35.3	6.8
28/10/2016	1CI replace	Intertidal	Replace	25.4	36.8	7.5
28/10/2016	2CI replace	Intertidal	Replace	25.6	35.6	7.7
28/11/2016	1CI replace	Intertidal	Replace	26.4	37.6	6
28/11/2016	2CI replace	Intertidal	Replace	25.4	37.4	5.6

30/09/2015	1BS Clean	Subtidal	Clean	21.8	34.2	7.8
30/09/2015	2BS Clean	Subtidal	Clean	22.1	34.9	7.9
27/10/2015	1BS Clean	Subtidal	Clean	24.2	35	6.85
27/11/2015	2BS Clean	Subtidal	Clean	26.6	36.4	5.8
27/12/2015	2BS Clean	Subtidal	Clean	26.9	36.2	5.8
28/01/2016	1BS Clean	Subtidal	Clean	26.7	36.2	5.8
28/01/2016	2BS Clean	Subtidal	Clean	26.3	36	5.8
26/02/2016	1BS Clean	Subtidal	Clean	27.2	37	6.2
26/02/2016	2BS Clean	Subtidal	Clean	26.9	36.6	5.8
26/03/2016	1BS Clean	Subtidal	Clean	26.8	36	6.4
26/03/2016	2BS Clean	Subtidal	Clean	26.1	36	5.6

21/04/2016	1BS Clean	Subtidal	Clean	25.8	34.1	7.5
21/04/2016	2BS Clean	Subtidal	Clean	26	32.3	8.1
31/05/2016	1BS Clean	Subtidal	Clean	19.9	36.8	8.5
31/05/2016	2BS Clean	Subtidal	Clean	19.6	36.8	8.1
26/06/2016	1BS Clean	Subtidal	Clean	15.4	32	8.5
26/06/2016	2BS Clean	Subtidal	Clean	16.1	33.4	8.2
26/07/2016	1BS Clean	Subtidal	Clean	17.7	35.5	7.5
26/07/2016	2BS Clean	Subtidal	Clean	18	35.4	7.4
23/08/2016	1BS Clean	Subtidal	Clean	19.8	35.8	6.9
23/08/2016	2BS Clean	Subtidal	Clean	19.7	35.3	7.1
17/09/2016	1BS Clean	Subtidal	Clean	21.5	35.6	7
17/09/2016	2BS Clean	Subtidal	Clean	21.2	35.3	6.8
28/10/2016	1BS Clean	Subtidal	Clean	25.4	36.8	7.5
28/10/2016	2BS Clean	Subtidal	Clean	25.6	35.6	7.7
28/11/2016	1BS Clean	Subtidal	Clean	26.4	37.6	6
28/11/2016	2BS Clean	Subtidal	Clean	25.4	37.4	5.6

30/09/2015	1AS Monitor	Subtidal	Monitor	21.8	34.2	7.8
30/09/2015	2AS Monitor	Subtidal	Monitor	22.1	34.9	7.9
27/10/2015	1AS Monitor	Subtidal	Monitor	24.2	35	6.85
27/11/2015	2AS Monitor	Subtidal	Monitor	26.6	36.4	5.8
27/12/2015	2AS Monitor	Subtidal	Monitor	26.9	36.2	5.8
28/01/2016	1AS Monitor	Subtidal	Monitor	26.7	36.2	5.8
28/01/2016	2AS Monitor	Subtidal	Monitor	26.3	36	5.8
26/02/2016	1AS Monitor	Subtidal	Monitor	27.2	37	6.2
26/02/2016	2AS Monitor	Subtidal	Monitor	26.9	36.6	5.8
26/03/2016	1AS Monitor	Subtidal	Monitor	26.8	36	6.4
26/03/2016	2AS Monitor	Subtidal	Monitor	26.1	36	5.6
21/04/2016	1AS Monitor	Subtidal	Monitor	25.8	34.1	7.5
21/04/2016	2AS Monitor	Subtidal	Monitor	26	32.3	8.1
31/05/2016	1AS Monitor	Subtidal	Monitor	19.9	36.8	8.5
31/05/2016	2AS Monitor	Subtidal	Monitor	19.6	36.8	8.1
26/06/2016	1AS Monitor	Subtidal	Monitor	15.4	32	8.5
26/06/2016	2AS Monitor	Subtidal	Monitor	16.1	33.4	8.2
26/07/2016	1AS Monitor	Subtidal	Monitor	17.7	35.5	7.5
26/07/2016	2AS Monitor	Subtidal	Monitor	18	35.4	7.4
23/08/2016	1AS Monitor	Subtidal	Monitor	19.8	35.8	6.9
23/08/2016	2AS Monitor	Subtidal	Monitor	19.7	35.3	7.1
17/09/2016	1AS Monitor	Subtidal	Monitor	21.5	35.6	7
17/09/2016	2AS Monitor	Subtidal	Monitor	21.2	35.3	6.8
28/10/2016	1AS Monitor	Subtidal	Monitor	25.4	36.8	7.5
28/10/2016	2AS Monitor	Subtidal	Monitor	25.6	35.6	7.7
28/11/2016	1AS Monitor	Subtidal	Monitor	26.4	37.6	6
28/11/2016	2AS Monitor	Subtidal	Monitor	25.4	37.4	5.6

30/09/2015	1CS replace	Subtidal	Replace	21.8	34.2	7.8
30/09/2015	2CS replace	Subtidal	Replace	22.1	34.9	7.9
27/10/2015	1CS replace	Subtidal	Replace	24.2	35	6.85
27/10/2015	2CS replace	Subtidal	Replace	23.4	33.3	6.45
27/12/2015	1CS replace	Subtidal	Replace	27.4	36.7	6.1
27/12/2015	2CS replace	Subtidal	Replace	26.9	36.2	5.8
28/01/2016	1CS replace	Subtidal	Replace	26.7	36.2	5.8
28/01/2016	2CS replace	Subtidal	Replace	26.3	36	5.8
26/02/2016	1CS replace	Subtidal	Replace	27.2	37	6.2

26/02/2016	2CS replace	Subtidal	Replace	26.9	36.6	5.8
26/03/2016	1CS replace	Subtidal	Replace	26.8	36	6.4
26/03/2016	2CS replace	Subtidal	Replace	26.1	36	5.6
21/04/2016	1CS replace	Subtidal	Replace	25.8	34.1	7.5
21/04/2016	2CS replace	Subtidal	Replace	26	32.3	8.1
31/05/2016	1CS replace	Subtidal	Replace	19.9	36.8	8.5
31/05/2016	2CS replace	Subtidal	Replace	19.6	36.8	8.1
26/06/2016	1CS replace	Subtidal	Replace	15.4	32	8.5
26/06/2016	2CS replace	Subtidal	Replace	16.1	33.4	8.2
26/07/2016	1CS replace	Subtidal	Replace	17.7	35.5	7.5
26/07/2016	2CS replace	Subtidal	Replace	18	35.4	7.4
23/08/2016	1CS replace	Subtidal	Replace	19.8	35.8	6.9
23/08/2016	2CS replace	Subtidal	Replace	19.7	35.3	7.1
17/09/2016	1CS replace	Subtidal	Replace	21.5	35.6	7
17/09/2016	2CS replace	Subtidal	Replace	21.2	35.3	6.8
28/10/2016	1CS replace	Subtidal	Replace	25.4	36.8	7.5
28/10/2016	2CS replace	Subtidal	Replace	25.6	35.6	7.7
28/11/2016	1CS replace	Subtidal	Replace	26.4	37.6	6
28/11/2016	2CS replace	Subtidal	Replace	25.4	37.4	5.6

30/09/2015	1CS oysters	Subtidal	RepOysters	21.8	34.2	7.8
30/09/2015	2CS oysters	Subtidal	RepOysters	22.1	34.9	7.9
27/10/2015	1CS oysters	Subtidal	RepOysters	24.2	35	6.85
27/10/2015	2CS oysters	Subtidal	RepOysters	23.4	33.3	6.45
27/12/2015	1CS oysters	Subtidal	RepOysters	27.4	36.7	6.1
27/12/2015	2CS oysters	Subtidal	RepOysters	26.9	36.2	5.8
26/02/2016	1CS oysters	Subtidal	RepOysters	27.2	37	6.2
26/02/2016	2CS oysters	Subtidal	RepOysters	26.9	36.6	5.8
21/04/2016	1CS oysters	Subtidal	RepOysters	25.8	34.1	7.5
21/04/2016	2CS oysters	Subtidal	RepOysters	26	32.3	8.1
26/06/2016	1CS oysters	Subtidal	RepOysters	15.4	32	8.5
26/06/2016	2CS oysters	Subtidal	RepOysters	16.1	33.4	8.2
23/08/2016	1CS oysters	Subtidal	RepOysters	19.8	35.8	6.9
23/08/2016	2CS oysters	Subtidal	RepOysters	19.7	35.3	7.1
28/10/2016	1CS oysters	Subtidal	RepOysters	25.4	36.8	7.5
28/10/2016	2CS oysters	Subtidal	RepOysters	25.6	35.6	7.7

21/04/2016	C gigas n = 60, 5 Reef balls	Intertidal	Replace	25.6	32.3	8.1
30/09/2015	1AB Monitor	Subtidal	Monitor	21.8	34.2	108
30/09/2015	2AB Monitor	Subtidal	Monitor	22.1	34.9	109
27/10/2015	1AB Monitor	Subtidal	Monitor	24.2	35	6.85
27/11/2015	2AB Monitor	Subtidal	Monitor	26.6	36.4	5.8
27/12/2015	2AB Monitor	Subtidal	Monitor	26.9	36.2	5.8
28/01/2016	2AB Monitor	Subtidal	Monitor	26.3	36	5.8
26/02/2016	2AB Monitor	Subtidal	Monitor	26.9	36.6	5.8
26/03/2016	2AB Monitor	Subtidal	Monitor	26.1	36	5.6
21/04/2016	2AB Monitor	Subtidal	Monitor	25.6	32.3	8.1
31/05/2016	2AB Monitor	Subtidal	Monitor	19.6	36.8	8.1
26/06/2016	2AB Monitor	Subtidal	Monitor	16.1	33.4	8.2

26/07/2016	2AB Monitor	Subtidal	Monitor	18	35.4	7.4
23/08/2016	2AB Monitor	Subtidal	Monitor	19.7	35.3	7.1
17/09/2016	2AB Monitor	Subtidal	Monitor	21.2	35.3	6.8
28/10/2016	2AB Monitor	Subtidal	Monitor	25.6	35.6	7.7
28/11/2016	2AB Monitor	Subtidal	Monitor	25.4	37.4	5.6
30/09/2015	1BB Clean	Subtidal	Clean	21.8	34.2	108
30/09/2015	2BB Clean	Subtidal	Clean	22.1	34.9	109
27/10/2015	1BB Clean	Subtidal	Clean	24.2	35	6.85
27/11/2015	2BB Clean	Subtidal	Clean	26.6	36.4	5.8
27/12/2015	2BB Clean	Subtidal	Clean	26.9	36.2	5.8
28/01/2016	2BB Clean	Subtidal	Clean	26.3	36	5.8
26/02/2016	2BB Clean	Subtidal	Clean	26.9	36.6	5.8
26/03/2016	2BB Clean	Subtidal	Clean	26.1	36	5.6
21/04/2016	2BB Clean	Subtidal	Clean	25.6	32.3	8.1
31/05/2016	2BB Clean	Subtidal	Clean	19.6	36.8	8.1
26/06/2016	2BB Clean	Subtidal	Clean	16.1	33.4	8.2
26/07/2016	2BB Clean	Subtidal	Clean	18	35.4	7.4
23/08/2016	2BB Clean	Subtidal	Clean	19.7	35.3	7.1
17/09/2016	2BB Clean	Subtidal	Clean	21.2	35.3	6.8
28/10/2016	2BB Clean	Subtidal	Clean	25.6	35.6	7.7
28/11/2016	2BB Clean	Subtidal	Clean	25.4	37.4	5.6

DO %	Secchi M	Turbidity N	# Spat	#spat Top	# spat side	# spat in/under	%As in/under	# spat dead
108	2.5		0	0	0	0	0	0
109	2		0	0	0	0	0	0
99.1	1.4		0	0	0	0	0	0
92	1.3		0	0	0	0	0	0
75	1.4		11	0	0	11	0.004906	0
89.5	1.6		0	0	0	0	0	0
95.7	1.9		48	0	0	48	0.021409	0
88.5	1.9		5	0	0	5	0.00223	0
88.5	1.9		77	0	0	77	0.034344	2
88.5	2		38	0	0	38	0.016949	0
96.6	2.1		73	0	0	73	0.03256	2
87	2.3		96	1	0	95	0.042373	0
98.2	1.8		71	0	2	69	0.030776	15
85.4	2		174	1	6	167	0.074487	18
112	1.8		78	0	5	73	0.03256	8
121	1.8		206	0	20	186	0.082962	40
117	1.9		73	0	4	69	0.030776	24
109	2.5		122	0	25	97	0.043265	86
102	1.8 <9		49	0	1	48	0.021409	43
103	2.2 <9		122	0	25	97	0.043265	86
97.6	2.3 <9		39	0	1	38	0.016949	53
97.1	2 <9		122	0	25	97	0.043265	86
94	2.1 <9		32	0	1	31	0.013827	54
96	2.5 <9		105	0	18	87	0.038805	103
97	1.9 <9		27	0	3	24	0.010705	62
95	2.5 <9		92	0	20	72	0.032114	118
112	1.9 <9		26	0	3	23	0.010259	63
111	2.5 <9		109	0	19	90	0.040143	118
90	1.7 <9		31	0	3	28	0.012489	63
85.2	1.9 <9		123	0	16	107	0.047725	126
	N		1949	2	197	1750		
108	2.5		0	0	0	0	0	0
109	2		0	0	0	0	0	0
99.1	1.4		0	0	0	0	0	0
92	1.3		0	0	0	0	0	0
75	1.4		3	0	0	3	0.001338	0
89.5	1.6		0	0	0	0	0	0
95.7	1.9		25	0	0	25	0.011151	1
88.5	1.9		0	0	0	0	0	0
88.5	1.9		34	0	0	34	0.015165	1
88.5	2		9	0	0	9	0.004014	0
96.6	2.1		32	0	0	32	0.014273	2
87	2.3		25	0	0	25	0.011151	0
98.2	1.8		29	0	0	29	0.012935	3
85.4	2		33	0	1	32	0.014273	0
112	1.8		47	0	3	44	0.019625	18
121	1.8		57	0	0	57	0.025424	24
117	1.9		41	0	1	40	0.017841	25
109	2.5		37	0	1	36	0.016057	35
102	1.8 <9		28	0	0	28	0.012489	37

103	2.2 <9	40	0	5	35	0.015611	35
97.6	2.3 <9	23	0	0	23	0.010259	42
97.1	2 <9	41	0	5	36	0.016057	37
94	2.1 <9	23	0	0	20	0.008921	45
96	2.5 <9	38	0	3	32	0.014273	47
97	1.9 <9	23	0	0	23	0.010259	45
95	2.5 <9	38	0	7	31	0.013827	39
112	1.9 <9	23	0	0	23	0.010259	45
111	2.5 <9	46	0	5	41	0.018287	52
90	1.7 <9	25	0	0	25	0.011151	45
85.2	1.9 <9	46	0	4	42	0.018733	56
	N	766	0	35	725		

108	2.5	0	0	0	0	0	0
109	2	0	0	0	0	0	0
99.1	1.4	0	0	0	0	0	0
92	1.3	0	0	0	0	0	0
75	1.4	1	0	0	1	0.000446	0
89.5	1.6	0	0	0	0	0	0
95.7	1.9	32	0	0	32	0.014273	0
88.5	1.9	10	0	0	10	0.00446	0
88.5	1.9	38	0	1	37	0.016503	6
88.5	2	12	0	0	12	0.005352	0
96.6	2.1	2	0	0	2	0.000892	0
87	2.3	86	0	13	73	0.03256	0
98.2	1.8	2	0	0	2	0.000892	0
85.4	2	70	0	2	68	0.03033	0
112	1.8	8	0	0	8	0.003568	0
121	1.8	10	0	0	10	0.00446	2
117	1.9	0	0	0	0	0	0
109	2.5	0	0	0	0	0	0
102	1.8 <9	0	0	0	0	0	0
103	2.2 <9	0	0	0	0	0	0
97.6	2.3 <9	0	0	0	0	0	0
97.1	2 <9	0	0	0	0	0	0
94	2.1 <9	0	0	0	0	0	0
96	2.5 <9	0	0	0	0	0	0
97	1.9 <9	0	0	0	0	0	0
95	2.5 <9	0	0	0	0	0	0
112	1.9 <9	0	0	0	0	0	0
111	2.5 <9	0	0	0	0	0	0
90	1.7 <9	6	0	0	6	0.002676	0
85.2	1.9 <9	8	0	0	8	0.003568	0
	N	285	0	16	269		

108	2.5	0	0	0	0	0	0
109	2	0	0	0	0	0	0
99.1	1.4	0	0	0	0	0	0
89.5	1.6	38	0	0	38	0.016949	0
88.5	1.9	27	0	0	27	0.012043	1
88.5	1.9	8	1	0	7	0.003122	0
88.5	2	189	0	0	189	0.0843	1
96.6	2.1	3	0	0	3	0.001338	0
87	2.3	54	0	0	54	0.024086	1
98.2	1.8	9	0	0	9	0.004014	4
85.4	2	34	0	0	34	0.015165	23

112	1.8	13	0	0	13	0.005798	4
121	1.8	39	0	1	38	0.016949	22
117	1.9	15	0	0	15	0.00669	9
109	2.5	24	0	1	23	0.010259	23
102	1.8 <9	11	0	0	11	0.004906	9
103	2.2 <9	24	0	1	23	0.010259	23
97.6	2.3 <9	10	0	0	10	0.00446	10
97.1	2 <9	23	0	1	22	0.009813	24
94	2.1 <9	8	0	0	8	0.003568	12
96	2.5 <9	20	0	1	19	0.008475	27
97	1.9 <9	9	0	0	9	0.004014	12
95	2.5 <9	18	0	0	18	0.008029	28
112	1.9 <9	10	0	1	9	0.004014	13
111	2.5 <9	18	0	0	18	0.008029	14
90	1.7 <9	18	0	5	13	0.005798	13
85.2	1.9 <9	20	0	0	20	0.008921	14
	N	642	1	11	630		

108	2.5	0	0	0	0	0	
109	2	0	0	0	0	0	
99.1	1.4	0	0	0	0	0	
89.5	1.6	5	0	0	5	0.00223	
88.5	1.9	12	0	0	12	0.005352	
88.5	1.9	7	0	0	7	0.003122	
88.5	2	90	0	0	90	0.040143	5
96.6	2.1	21	0	0	21	0.009367	
87	2.3	89	0	0	89	0.039697	
98.2	1.8	13	0	0	13	0.005798	8
85.4	2	62	0	1	61	0.027208	31
112	1.8	19	0	1	18	0.008029	4
121	1.8	58	0	3	55	0.024532	16
117	1.9	15	0	0	15	0.00669	7
109	2.5	57	0	3	54	0.024086	12
102	1.8 <9	15	0	1	14	0.006244	14
103	2.2 <9	50	0	3	47	0.020963	17
97.6	2.3 <9	13	0	1	12	0.005352	16
97.1	2 <9	49	0	3	46	0.020517	18
94	2.1 <9	11	0	1	10	0.00446	18
96	2.5 <9	45	0	3	42	0.018733	17
97	1.9 <9	8	0	1	7	0.003122	21
95	2.5 <9	45	0	3	42	0.018733	17
112	1.9 <9	13	0	5	8	0.003568	23
111	2.5 <9	42	0	3	39	0.017395	20
90	1.7 <9	20	0	5	15	0.00669	23
85.2	1.9 <9	55	0	0	55	0.024532	23
	N	814	0	37	777		

108	2.5	0	0	0	0	0	
109	2	0	0	0	0	0	
99.1	1.4	2	0	0	2	0.000892	
92	1.3	0	0	0	0	0	
95.7	1.9	38	0	0	38	0.016949	
88.5	1.9	44	0	0	44	0.019625	
88.5	1.9	16	0	0	16	0.007136	
88.5	2	201	0	0	201	0.089652	10
96.6	2.1	20	1	0	19	0.008475	

87	2.3	31	0	0	31	0.013827	
98.2	1.8	15	0	0	15	0.00669	
85.4	2	10	0	1	9	0.004014	
112	1.8	3	0	0	3	0.001338	
121	1.8	59	0	2	57	0.025424	
117	1.9	1	0	0	1	0.000446	0
109	2.5	7	0	1	6	0.002676	1
102	1.8 <9	0	0	0	0	0	0
103	2.2 <9	0	0	0	0	0	0
97.6	2.3 <9	0	0	0	0	0	0
97.1	2 <9	0	0	0	0	0	0
94	2.1 <9	0	0	0	0	0	0
96	2.5 <9	0	0	0	0	0	0
97	1.9 <9	0	0	0	0	0	0
95	2.5 <9	0	0	0	0	0	0
112	1.9 <9	21	0	0	21	0.009367	0
111	2.5 <9	6	0	0	6	0.002676	6
90	1.7 <9	17	0	4	13	0.005798	0
85.2	1.9 <9	5	0	0	5	0.00223	0
	N	496	1	8	487	0.217217	17
108	2.5	0	0	0	0	0	
109	2	0	0	0	0	0	
99.1	1.4	3	0	0	2	0.000892	
92	1.3	2	0	0	2	0.000892	
95.7	1.9	136	0	0	43	0.019179	
88.5	1.9	100	0	0	49	0.021855	
96.6	2.1	249	0	0	1	0.000446	28
87	2.3	848	0	0	32	0.014273	
112	1.8	137	0	0	3	0.001338	
121	1.8	342	0	7	38	0.016949	
102	1.8 <9	0	0	0	0	0	0
103	2.2 <9	0	0	0	0	0	0
94	2.1 <9	0	0	0	0	0	0
96	2.5 <9	0	0	0	0	0	0
112	1.9 <9	37	0	0	23	0.010259	0
111	2.5 <9	21	0	0	17	0.007583	0
					n		28
					total N		
121	1.8	227	0	0	64	0.028546	0
7.8	2.5	0	0	0	0	0	
7.9	2	0	0	0	0	0	
99.1	1.4	0	0	0	0	0	
89.5	1.6	0	0	0	0	0	
88.5	1.9	0	0	0	0	0	
88.5	2	43	0	0	43	0.019179	
87	2.3	81	0	0	81	0.036128	15
85.4	2	76	0	0	76	0.033898	49
121	1.8	110	0	0	110	0.049063	45
109	2.5	93	0	0	93	0.041481	60
103	2.2 <9	76	0	22	54	0.024086	76

97.1	2 <9	76	0	22	54	0.024086	76
96	2.5 <9	54	0	4	50	0.022302	99
95	2.5 <9	49	0	3	46	0.020517	107
111	2.5 <9	50	0	4	46	0.020517	107
85.2	1.9 <9	59	0	4	55	0.024532	108
	N	767	0	59	708		
7.8	2.5	0	0	0	0	0	
7.9	2	0	0	0	0	0	
99.1	1.4	2	0	0	2	0.000892	
89.5	1.6	13	0	0	13	0.005798	
88.5	1.9	7	0	2	5	0.00223	
88.5	2	37	0	0	37	0.016503	
87	2.3	111	0	0	33	0.014719	
85.4	2	89	0	0	89	0.039697	43
121	1.8	123	0	15	108	0.048171	33
109	2.5	126	0	17	109	0.048617	52
103	2.2 <9	126	0	19	107	0.047725	69
97.1	2 <9	120	0	15	105	0.046833	75
96	2.5 <9	99	0	5	94	0.041927	49
95	2.5 <9	97	0	5	97	0.043265	61
111	2.5 <9	103	0	9	94	0.041927	61
85.2	1.9 <9	99	0	9	90	0.040143	68
	N	1152	0	96	983		

# spat on plastic	#spat on oysters	#spat on brick	number of crabs/shrimp	Number of inverts	Number of fish			
			0	0	0			
			0	0	0			
			0	0	0			
			0	0	0			
			11	1	2			
			0	0	0			
			48	0	0			
			5	0	0		Monitor	subtidal Clean
			77	0	0	Sep-15	0	0
			38	0	0	Oct-15	0	0
			73	0	0	Nov-15	5	38
			96	0	0	Dec-15	12	27
			71	0	0	Jan-16	48.5	98.5
			174	1	1	Feb-16	55	28.5
			78	1	1	Mar-16	37.5	21.5
			206	3	3	Apr-16	38.5	26
			73	0	1	May-16	36	19.5
			122	0	0	Jun-16	32.5	17.5
			49	0	1	Jul-16	31	16.5
			122	1	5	Aug-16	28	14
			39	1	11	Sep-16	26.5	13.5
			122	0	1	Oct-16	27.5	14
			32	1	11	Nov-16	37.5	19
			105	0	6			
			27	0	0			
			92	0	0			
			26	0	7			
			109	6	14			
			31	0	4			
			123	2	5			
			0	0	0			
			0	0	0			
			0	0	0			
			0	0	0			
			0	0	0			
			3		0	Sep-15	0	0
			0		0	Oct-15	9	39
			0	0	0	Nov-15	2	2
			25	0	1	Dec-15	18	119
			0	0	0	Jan-16	0	70
			34	1	1	Feb-16	124	253
			9	0	0	Mar-16	8	79
			32	1	1	Apr-16	196	250
			25	0	0	May-16	2	22
			29	1	1	Jun-16	8	54
			33	0	1	Jul-16	0	18
			47	0	0	Aug-16	6	107
			57	1	7	Sep-16	1	17
			41	1	1	Oct-16	18	136
			37	0	2	Nov-16	4	36
			28	0	0			
							Subtidal crabs shrimp	Other subtidal inverts

40	1	6	0
23	0	8	0
41	0	0	0
23	1	7	0
38	0	0	3
23	0	2	0
38	0	0	0
23	0	4	0
46	6	9	0
25	3	9	0
46	2	4	0

0	0	0	0
0	0	0	0
0	1	1	0
0	0	0	0
1	0	0	0
0	0	0	0
32	0	0	0
10	2	2	0
38	0	3	0
12	0	0	0
2	0	0	0
86	1	1	0
2	0	1	0
70	0	3	0
8	0	0	0
10	3	3	0
0	0	0	0
0	1	8	0
0	1	2	0
0	0	1	0
0	0	0	0
0	1	1	0
0	1	2	0
0	0	0	3
0	0	0	0
0	0	0	0
0	4	5	0
0	1	21	0
6	0	0	0
8	0	2	0

0	0	0	0
0	0	0	0
0	0	0	0
38	2	2	0
27	0	20	0
8	0	5	0
189	0	0	0
3	2	3	0
54	0	6	0
9	0	2	0
34	0	34	0

13	0	0	0
39	20	29	0
15	0	0	0
24	0	4	0
11	0	0	0
24	0	4	0
10	0	3	0
23	0	12	0
8	1	9	0
20	1	2	3
9	0	8	0
18	0	0	0
10	0	4	0
18	1	1	0
18	0	0	0
20	2	12	0

0	0	0	0
0	0	0	0
0	0	0	0
5	0	0	0
12	0	0	0
7	0	4	0
85	0	0	1
21	1	3	0
89	3	19	0
13	0	0	0
62	2	20	0
19	4	4	0
58	0	0	0
15	1	1	0
57	0	8	2
15	0	2	0
50	0	3	0
13	0	2	0
49	0	0	0
11	0	6	0
45	0	3	3
8	0	0	0
45	0	8	0
12	0	0	0
42	0	0	0
20	2	2	0
55	0	18	0

0	0	0	0
0	0	0	0
2	0	0	0
0	0	0	0
38	1	2	0
44	0	2	0
16	0	42	0
201	0	19	0
20	1	1	1

		31	2	56	0
		15	0	3	0
		10	6	20	0
		3	0	0	0
		59	10	12	0
		1	1	2	0
		7	0	7	0
		0	0	3	0
		0	0	1	0
		0	0	1	0
		0	0	0	0
		0	0	0	0
		0	0	10	3
		0	0	0	0
		0	1	1	0
		21	2	8	0
		6	0	0	0
		17	0	4	0
		5	0	0	0
0	0	496	24	194	
		0	0	0	0
		0	0	0	0
	1	2	9	38	2
		2	0	1	0
	93	43	1	69	0
	51	49	16	26	4
78	170	1	37	76	2
218	598	32	78	89	1
30	104	3	25	32	3
125	172	45	137	173	0
0	0	0	7	35	1
0	0	0	1	6	0
0	0	0	3	7	1
0	0	0	1	70	3
0	14	23	0	58	2
0	4	17	15	65	0
451	1207	217	330	745	
1875					

28	135	64	270	277	1
		0	0	0	0
		0	0	0	0
		0	0	1	0
		0	3	5	0
		0	0	0	0
		43	0	0	0
		81	7	9	0
		76	4	20	0
		110	3	21	0
		93	0	6	0
		76	4	9	0

76	0	0	0
54	0	6	3
49	0	0	0
50	2	3	0
59	0	6	0
0	0	0	0
0	0	0	0
2	0	2	0
13	0	2	0
7	1	1	0
37	2	9	0
111	2	8	0
89	3	36	0
123	0	10	0
126	0	6	0
126	3	12	0
120	0	38	0
99	2	41	8
97	0	40	0
103	0	40	0
99	0	40	1

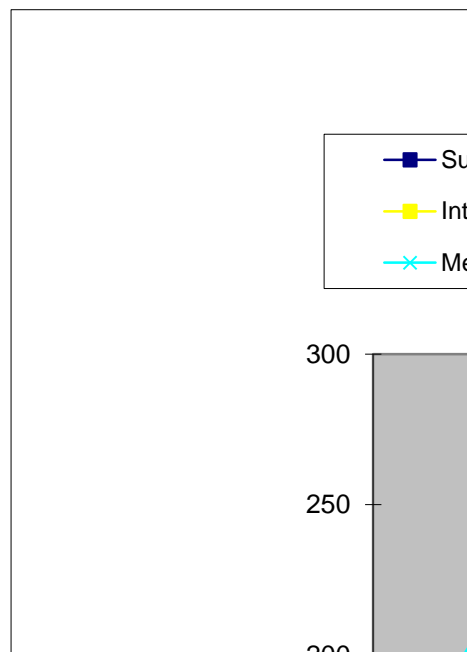
QX morts ?

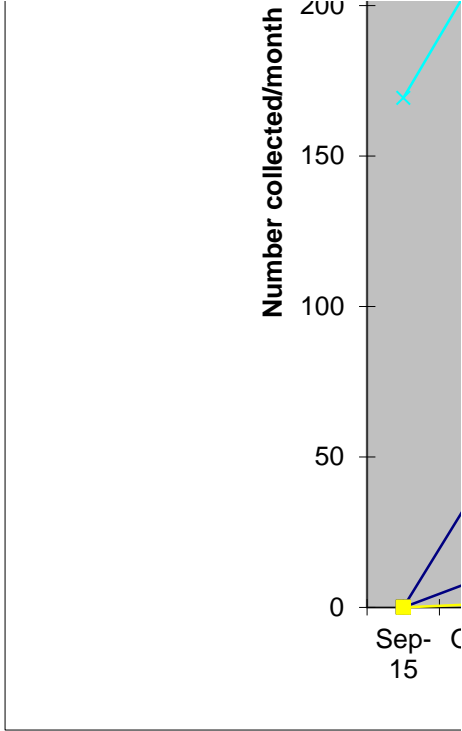
mean monthly spatfall/brick

Replace	Monitor	Intertidal Clean	Replace
0	0	0	0
1	0	0	0
0	1.5	5.5	0.5
41	12.5	26.5	21
108.5	21.5	57.5	25
25.5	28.5	84.5	44
12.5	31	122.5	36
31	52	142	9
4	39	97.5	0
0	34	85.5	0
0	32	80.5	0
0	30.5	68.5	0
0	30.5	59.5	0
13.5	34.5	67.5	0
11	35.5	77	7

Number of invertebrates counted/month (pooled)

Intertidal crabs and shrimp	Other intertidal inverts	Mean water temp
0	0	21.9
1	1	23.8
1	2	26.8
2	3	27.2
1	4	26.6
2	2	27.1
2	7	26.5
8	14	25.7
2	12	19.8
3	15	15.7
2	21	17.8
3	26	19.8
0	2	21.4
17	60	25.5
7	24	25.9





Invertebrate settlement

