Appendix B

Supporting Data

2006 SBOO Stations

Microbiology

Appendix B.1

Bacteriological densities for SBOO biweekly kelp station water quality samples with total coliform concentrations ≥1000 CFU/100 mL collected during 2006. Total coliform (Total), fecal coliform (Fecal), and enterococcus (Entero) bacteriological densities are expressed as CFU/100 mL. Fecal to total coliform ratio=F:T. Sample depth is in meters. Monthly kelp station samples are included in Appendices A.2 and A.3.

Station	Month	Sample depth	Total	Fecal	Entero	F:T
I39	Jan	12	1400	320	30	0.23
I39	Feb	12	2000	130	22	0.07
I25	Mar	2	1400	120	2	0.09
I25		6	5400	200	2	0.04
I26	Apr	2	7800	620	28	0.08
I25	Jun	6	1100	56	20	0.05
I26		6	1800	10	30	0.01
I39	Dec	2	1100	16	2	0.01
I39		12	1400	28	4	0.02

Appendix B.2

Bacteriological densities for monthly water quality samples with total coliform concentrations ≥1000 CFU/100 mL and fecal to total coliform ratio (F:T) ≥0.1 collected from SBOO offshore stations during 2006. Total coliform (Total), fecal coliform (Fecal), and enterococcus (Entero) bacteriological densities are expressed as CFU/100 mL. Individual values for corresponding total suspended solids (TSS) and 2 m oil and grease (O&G) samples are listed. The minimum levels of detection are 1.4 mg/L. (O&G) and 1.6 mg/L (TSS). Sample depth is in meters.

Station	Month	Sample depth	Total	Fecal	Entero	F:T	O&G	TSS
9 to 19-m Contours								
I10	Jan	12	1000	160	6	0.16		5.1
I37	Feb	6	1300	320	10	0.25		3.9
I18	Mar	12	1300	320	2	0.25		7.3
I23		18	1900	400	26	0.21		3.3
I32		6	1800	320	300	0.18		7.2
I40		2	16000	2200	52	0.14	<1.4	15.5
I19	Apr	2	16000	1600	440	0.10	<1.4	7.5
I23		12	6800	2000	46	0.29		3.3
I39		12	1000	200	16	0.20		10.2
I40		2	16000	11000	1800	0.69	<1.4	19.3
I40		9	16000	2400	1300	0.15		27.2
I10	May	12	16000	1600	100	0.10		2.3
I11		6	4800	2000	160	0.42		8.4
I5	Jun	2	16000	1600	240	0.10	<1.4	5.6
I11		2	16000	1800	140	0.11	<1.4	5.3
I39	Sep	18	1000	170	68	0.17		4.4
I5	Oct	2	16000	1600	980	0.10	<1.4	2.5
28 and 38-m Contours								
I9	Jan	18	12000	1600	340	0.13		3.0
I9		27	16000	3800	420	0.24		4.0
I21	Apr	37	1000	300	26	0.30		4.1
I30	Jul	18	3400	380	460	0.11		6.6
55-m Contour								
I3	Jan	18	1500	620	36	0.41		3.8
I20	Apr	55	1300	180	40	0.14		4.2
Outfall								
I12	Jan	2	16000	12000	5800	0.75	<1.4	3.3
I12		18	7600	1000	86	0.13		2.4
I16		18	16000	12000	1600	0.75		2.4
I16		27	9000	1200	160	0.13		2.4
I14	Mar	27	4200	460	18	0.11		3.3
I16		18	2600	500	38	0.19		2.6
I16		27	1000	140	2	0.14		2.7
I12	May	27	1100	240	24	0.22		1.9
I12	Jul	18	16000	13000	4200	0.81		8.9
I16		18	15000	2000	280	0.13		8.7
I12	Aug	18	5400	1200	360	0.22		4.8
I16		18	4600	1100	220	0.24		3.0
I12	Sep	27	9800	3600	680	0.37		4.9
I12	Oct	18	16000	4600	900	0.29		2.7
I12		27	1600	480	60	0.30		4.9

Appendix B.3

Bacteriological densities for monthly water quality samples with total coliform concentrations ≥1000 CFU/100 mL and fecal to total coliform ratio (F:T) <0.1 collected from SBOO offshore stations during 2006. Total coliform (Total), fecal coliform (Fecal), and enterococcus (Entero) bacteriological densities are expressed as CFU/100 mL. Individual values for corresponding total suspended solids (TSS) and 2 m oil and grease (O&G) samples are listed. The minimum levels of detection are 1.4 mg/L. (O&G) and 1.6 mg/L (TSS). Sample depth is in meters.

Station	Month	Sample depth	Total	Fecal	Entero	F:T	O&G	TSS
9 to 19-m Contours								
I19	Feb	2	2400	82	12	0.03	<1.4	18.8
I19		6	1600	120	20	0.08		12.1
I19		11	1800	100	14	0.06		20.6
I24		11	1200	86	6	0.07		8.9
I26		6	1100	78	12	0.07		9.0
I26		9	1100	72	8	0.07		10.4
I40		2	1100	54	2	0.05	<1.4	5.5
I40		6	1100	80	12	0.07		6.0
I40		9	1100	74	12	0.07		7.2
I5	Mar	6	2000	100	4	0.05		6.5
I19		2	1600	66	2	0.04	<1.4	13.9
I19		6	1700	48	2	0.03		12.4
I19		11	2000	68	2	0.03		12.4
I40		6	16000	1200	40	0.08		16.1
I40		9	3400	140	4	0.04		13.7
I32		2	8000	440	340	0.06	<1.4	7.8
I32		9	2400	180	160	0.08		10.0
I19	Apr	6	16000	1200	580	0.08		7.7
I19		11	16000	1200	1000	0.08		26.8
I24		2	16000	1100	150	0.07	<1.4	6.0
I24		6	4000	110	36	0.03		7.7
I24		11	16000	260	76	0.02		74.3
I39		2	2600	74	26	0.03	<1.4	10.7
I40		6	16000	840	260	0.05		18
I5	Jun	6	10000	420	30	0.04		3.5
I10		12	3000	220	50	0.07		3.2
I11		6	3400	180	40	0.05		4.8
I5	Sep	11	2600	62	10	0.02		8.9
I5	Oct	6	16000	640	220	0.04		3.8
I5		11	7400	100	38	0.01		5.8
I10		12	1200	100	80	0.08		4.0
I5	Dec	6	1800	48	2	0.03		10.8
I5		11	1300	86	8	0.07		7.6
28-m Contour								
I9	Nov	18	1600	8	2	0.01		5.9
I9		18	1400	4	2	0.00		5.4
Outfall								
I12	Mar	18	9000	700	72	0.08		2.5
I12	Apr	18	7400	8	2	0.00		2.9
I12	May	18	6400	56	110	0.01		2.0
I12	Nov	18	16000	22	4	0.00		6.9
I14		18	2000	110	8	0.06		6.5
I16		18	16000	340	54	0.02		6.2
I12	Dec	18	15000	260	2	0.02		5.5
I12		27	1600	30	2	0.02		5.9

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