

**Table 1
Recommended Tributary Sample Locations**

Watershed	Hydrologic Basin	% Urban - Future Land Use	% Impervious - Future Land Use	Future Increase in % Urban	Future Increase in % Impervious	Sampling Method	Purpose
Beaufort River	Southside	92%	51%	2%	1%	Automatic	High Density Residential Runoff
Beaufort River	Albergotti Creek	93%	67%	0%	0%	Automatic	Industrial Runoff
Colleton River	Camp St. Marys	48%	8%	16%	2%	Automatic	Low Density Residential Runoff
Morgan River	Rock Springs Creek	96%	22%	7%	2%	Automatic	Medium Density Residential Runoff
Beaufort River	Burton Hill	71%	43%	19%	13%	Grab	Existing Quality ¹
Beaufort River	Grober Hill	53%	25%	12%	3%	Grab	Existing Quality ¹
Beaufort River	Salt Creek	75%	27%	35%	13%	Grab	Existing Quality
Beaufort River	Salt Creek South	78%	30%	41%	11%	Grab	Existing Quality ¹
Beaufort River	Shanklin Road	81%	49%	31%	21%	Grab	Existing Quality ¹
Colleton River	Berkeley Creek	67%	18%	15%	5%	Grab	Existing Quality
Morgan River	Factory Creek	84%	25%	15%	5%	Grab	Existing Quality ¹
Morgan River	Lucy Point	95%	21%	6%	1%	Grab	Existing Quality
Beaufort River	Battery Creek North	90%	67%	55%	43%	Grab	Trend Analysis ¹
Beaufort River	Battery Creek West	82%	28%	50%	10%	Grab	Trend Analysis ¹
Colleton River	Okatie West	83%	25%	58%	19%	Grab	Trend Analysis
May River	Rose Dhu Creek	91%	22%	54%	13%	Grab	Trend Analysis
May River	Stoney Creek	72%	12%	51%	8%	Grab	Trend Analysis
Morgan River	Coffin Creek	87%	22%	59%	14%	Grab	Trend Analysis

¹ Sampling station is downstream of potential regional detention site, and therefore may provide data for prioritizing the construction of ponds and evaluating benefits (if pond is built)

² Location was inadvertently listed as "Coffin Creek" in the Beaufort County Stormwater Master Plan, Thomas & Hutton and CDM, 2006.

Table 2
Revised Tributary Sample Locations

Station	Sample Meth	Watershed	Hydrologic Basin	RWB	Classification	Purpose
BECY-1	Grab	May River	Stoney Creek	May River	Outstanding Resource Waters	Trend Analysis
BECY-2	Grab	May River	Tose Dhu Creek	May River	Outstanding Resource Waters	Trend Analysis
BECY-3	Grab	Colleton River	Okatie West	Okatie River	Outstanding Resource Waters	Trend Analysis
BECY-4r	Grab	Colleton River	Okatie East	Okatie River	Outstanding Resource Waters	Existing Water Quality
BECY-8r	Grab	Beaufort River	Battery Creek North	Battery Creek	Shellfish Harvesting	Trend Analysis
BECY-7ra	Auto	Morgan River	Burton Hill	Battery Creek	Shellfish Harvesting	Existing Water Quality
BECY-9ra	Auto	Beaufort River	Battery Creek West	Battery Creek	Shellfish Harvesting	Trend Analysis
BECY-12	Grab	Beaufort River	Salt Creek	Beaufort River	Class SA	Existing Water Quality
BECY-13	Grab	Morgan River	Rock Springs Creek	Morgan River	Shellfish Harvesting	Existing Water Quality
BECY-14	Grab	Morgan River	Village Creek	Morgan River	Shellfish Harvesting	Trend Analysis
BECY-15	Grab	Beaufort River	Salt Creek	Beaufort River	Class SA	Existing Water Quality
BECY-16	Grab	Colleton River	Okatie West	Okatie River	N/A	Existing Water Quality
BECY-17a	Auto	Beaufort River	Battery Creek West	Battery Creek	N/A	Existing Water Quality
BMPep - Out	Auto	N/A	N/A	N/A	N/A	BMP Efficiency
Pinckney Colony	Grab	N/A	N/A	N/A	N/A	Copper Evaluation Site
Southside	Auto	-	-	-	-	Existing Water Quality

Table 3
Year 4 Data Summary - Ammonia-Nitrogen (NH3)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.073	0.221					0.144	0.201	0.176		0.192			0.096	0.123			
BECY-7ra Grab		0.125	0.045					0.121	0.233	0.162		0.194			0.201	0.164			
BECY-9ra Grab After		0.063		0.022	0.035				0.124	0.145		1.010	0.108	0.063	0.086	0.094			0.135
BECY-9ra Grab		0.086		0.089	0.056				0.075	0.198		0.835	0.555	0.319	0.307	0.142			0.048
BM Pep - Grab After	0.083	0.167						0.226				0.192		0.281					
BM Pep - Grab		0.243						0.237				0.223		0.513					
Southside Grab After		0.099	0.096		0.071			0.103		0.696		0.700	0.104	0.487	0.488	0.213			0.552
Southside Grab		0.539	0.221		0.148			0.224		1.310		0.633	0.107	1.930	0.880	0.391			0.639
BECY-17a Grab After		0.016	0.102		0.050			0.154	0.961	0.281		0.817	0.329	0.132	0.047	0.041			0.031
BECY-17a Grab		0.175	0.196		0.016			0.216	0.762	0.201		0.861	0.310	0.075	0.179	0.105			0.044
BECY-1	0.016		0.016	0.056		0.166	0.094		0.172		0.156		0.194		0.147		0.169	0.083	0.108
BECY-2	0.016		0.211	0.104		0.228	0.097		0.136		0.092		0.261		0.219		0.244	0.133	0.170
BECY-3	0.016		0.139	0.114		0.209	0.099		0.230		0.048		0.126		0.189		0.355	0.153	0.289
BECY-4r	0.290		0.052	0.016		0.136	0.070		0.197		0.436		0.148		0.252		0.178	0.086	0.172
BECY-8r	0.106		0.093	0.050		0.197	0.067		0.170		0.298		0.127		0.048		0.127	0.018	0.066
BECY-12	0.257		0.134	0.067		0.193	0.103		0.253		0.364		0.294		0.245				
BECY-13	0.283		0.185	0.054		0.170	0.147		0.130		No Flow		0.100		0.126				
BECY-14	0.110		0.016	0.016		0.020	0.048												
BECY-15	0.072		0.180	0.080		0.170	0.077		0.192		No Flow		0.260		0.362		0.370	0.166	0.131
BECY-16	0.092		0.086	0.047		0.094	0.118		0.178		0.164		0.192		0.158		0.102	0.062	0.039

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BM Pep, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in mg/L

Table 4
Year 4 Data Summary - Biochemical Oxygen Demand* (BOD5)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		1.00	2.85					4.19	3.43	1.67		4.08			1.13	2.35			
BECY-7ra Grab		1.00	1.00					8.07	2.04	1.72		5.13			3.61	3.56			
BECY-9ra Grab After		1.00		3.67	1.51				2.93	1.27		10.50		5.26	6.65	1.00	1.59		2.37
BECY-9ra Grab		2.71		7.83	1.00				4.37	2.62		7.68		3.35	15.80	5.08	4.55		1.69
BMPEP - Grab After	2.25	7.57						8.50				2.59		2.49					
BMPEP - Grab		2.00						8.24				2.47		2.33					
Southside Grab After		2.10	4.43		4.35			8.63		2.29		4.32		2.06	3.44	3.19	3.72		3.25
Southside Grab		3.46	5.52		1.91			6.05		1.42		5.35		1.40	2.16	5.02	1.71		1.40
BECY-17a Grab After		8.09	9.29		1.00			24.80	13.30	14.90		9.06		4.28	3.14	9.80	1.63		2.28
BECY-17a Grab		13.20	5.55		2.10			42.00	34.30	16.20		8.85		3.41	1.32	3.55	3.28		5.52
BECY-1	1.20		1.27	3.79		2.84	1.00		2.14		4.82		2.02		2.50		2.19	1.74	1.68
BECY-2	1.92		1.72	7.14		2.49	1.00		5.10		3.59		1.53		8.66		3.17	1.22	1.92
BECY-3	1.40		1.67	4.46		3.59	1.00		3.66		3.31		1.78		3.00		2.31	1.25	1.65
BECY-4r	1.83		2.61	7.29		2.62	1.00		3.08		4.40		1.65		1.90		3.22	1.65	1.57
BECY-8r	3.71		3.23	8.66		8.92	1.75		7.17		10.60		30.30		4.56		2.93	1.26	2.41
BECY-12	4.92		7.26	3.77		1.31	1.00		3.90		5.79		1.90		3.25				
BECY-13	1.90		1.01	2.92		1.39	1.33		1.63		No Flow		28.00		1.00				
BECY-14	1.00		1.28	3.08		2.29	1.00												
BECY-15	16.00		2.66	3.28		1.57	1.27		3.86		No Flow		7.48		1.46		8.18	2.67	1.57
BECY-16	1.17		2.09	9.20		2.88	1.00		2.91		5.67		7.91		2.79		2.82	1.60	2.04

*Biochemical Oxygen Demand is internally tracked for Critical Exceedances Concentration Information. Values greater than 56.0 mg/L are reported monthly to Beaufort County.

Critical Exceedance Concentration information is based on South Carolina Estuarine and Coastal Assessment Program Standards.

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in mg/L

Table 5
Year 4 Data Summary - Cadmium (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.11							0.11						0.11				
BECY-7ra Grab		0.11							0.11						0.55				
BECY-9ra Grab After		0.37							0.11					0.15					0.19
BECY-9ra Grab		0.36							0.14					0.11					0.11
BMPEP - Grab After		0.11												0.11					
BMPEP - Grab		0.11												0.47					
Southside Grab After		0.11								0.22				0.11					2.70
Southside Grab		3.22								0.275				0.11					0.11
BECY-17a Grab After		0.267							0.349					0.11					0.369
BECY-17a Grab		1.97							0.332					0.11					0.477
BECY-1			2.20						0.11						0.11				0.11
BECY-2			0.55						0.11						0.11				0.55
BECY-3			0.55						0.11						0.11				0.11
BECY-4r			0.11						0.11						0.11				0.11
BECY-8r			0.11						0.11						0.11				0.11
BECY-12			0.11						0.11						0.11				
BECY-13			0.11						0.11						0.33				
BECY-14			2.75																
BECY-15			0.11						0.11						0.11				0.15
BECY-16			0.11						0.11										0.11

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011).
 Station BECY-17a Added January 2011
 Results reported in µg/L

Table 6
Year 4 Data Summary - Chlorophyll-a

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		8.4	0.5					3.9	1.6	4.1		74.1			8.8	4.9			
BECY-7ra Grab		10.7	0.4					3.4	1.2	1.7		76.8			12.8	26.6			
BECY-9ra Grab After		13.1		2.8	3.3				1.3	2.9		11.3	13.1	4.2	8.1	2.5			3.9
BECY-9ra Grab		109.3		9.0	7.8				1.5	1.6		1.5	2.4	1.3	2.0	1.8			2.1
BMPep - Grab After	22.1	48.3						16.6				17.2	37.1						
BMPep - Grab		45.7						15.8				17.5	33.9						
Southside Grab After		2.2	2.2		14.6			2.9		1.8		17.4	16.2	3.7	13.9	9.1			34.3
Southside Grab		5.1	2.6		4.1			1.6		2.8		11.1	17.4	8.5	6.9	7.0			3.6
BECY-17a Grab After		0.7	0.5		0.4			4.9	6.1	58.1		15.1	13.7	1.1	4.3	0.5			0.7
BECY-17a Grab		0.7	0.8		0.7			0.5	1.1	1.3		12.4	7.7	0.6	1.0	3.2			0.9
BECY-1	3.3		2.8	1.2		4.8	5.0		1.5		43.9		13.7		3.1		7.5	3.9	2.0
BECY-2	3.4		9.6	10.2		23.1	5.8		14.0		15.2		14.3		23.7		29.3	11.8	12.9
BECY-3	2.9		7.5	10.1		19.9	9.3		6.8		15.1		9.7		30.8		18.3	7.5	15.2
BECY-4r	2.3		1.4	9.7		8.3	4.5		6.8		11.1		11.5		5.1		8.8	6.9	4.9
BECY-8r	2.0		1.1	1.3		3.8	8.7		2.1		14.7		8.0		10.9		17.4	6.8	6.1
BECY-12	21.8		3.9	2.6		2.5	2.4		0.5		16.7		1.3		27.3				
BECY-13	3.7		10.3	4.7		7.7	4.9		5.6		No Flow		8.1		4.5				
BECY-14	3.6		10.3	10.3		14.6	7.4												
BECY-15	0.9		0.5	1.5		0.6	1.1		1.3		No Flow		3.9		2.9		6.7	1.2	1.0
BECY-16	3.2		11.7	16.9		12.2	10.4		9.8		33.5		8.3		46.8		16.8	13.5	11.6

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011),
 Station BECY-17a Added January 2011
 Results reported in µg/L

Table 7
Year 4 Data Summary - Chromium (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		2.00							2.00						2.00				
BECY-7ra Grab		2.00							2.25						2.00				
BECY-9ra Grab After		2.00							2.00					2.00					2.00
BECY-9ra Grab		2.00							2.00					2.00					2.00
BMPEP - Grab After		2.00												2.00					
BMPEP - Grab		2.00												2.00					
Southside Grab After		2.00								2.00				2.00					2.00
Southside Grab		2.00								2				2					2
BECY-17a Grab After		2.00							2					2					2
BECY-17a Grab		2.00							2					2					2
BECY-1			2.00						2.00						2.00				2.00
BECY-2			2.00						2.00						2.00				2.00
BECY-3			2.14						4.31						2.07				2.26
BECY-4r			2.00						2.00						2.00				2.00
BECY-8r			2.00						2.00						2.00				2.00
BECY-12			2.00						2.07						2.00				
BECY-13			2.00						2.00						2.00				
BECY-14			10.00																
BECY-15			2.00						2.00						2.31				2.00
BECY-16			2.00						2.00										2.00

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011),
 Station BECY-17a Added January 2011
 Results reported in µg/L

Table 8
Year 4 Data Summary - Conductivity

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		1629	113					188.6	211.4	363.0		33509.0			1340.0	1079.0			
BECY-7ra Grab		1286	396					1070.0	494.4	435.2		33123.0			30333.0	15819.0			
BECY-9ra Grab After		103		139.9	103.0				100.6	190.1		379.0		320.3	143.0	1108.0	113.9		143.8
BECY-9ra Grab		211		214.0	114.8				159.7	229.1		229.0		185.7	1377.0	186.3	330.7		318.2
BMPep - Grab After	297	142						126.6				230.0		155.3					
BMPep - Grab		151						112.8				244.0		156.8					
Southside Grab After		146	129		87.8			82.7		220.7		8255.0		152.8	908.0	928.6	207.8		1179.0
Southside Grab		156	116		169.7			902.1		221.0		7815.0		152.2	3335.0	3090.0	207.3		1330.0
BECY-17a Grab After		16	11		13.6			75.2	394.1	40.5		3149.0		255.0	82.1	36.4	18.6		22.0
BECY-17a Grab		30	21		9.7			61.1	40.5	211.6		3192.0		195.7	19.2	17.4	21.9		23.5
BECY-1	46379		27410	5830.0		280.9	397.4		231.0		22708.0		23043.0		333.4		106.3	770.0	315.6
BECY-2	47119		15700	31100.0		1656.0	10061.0		564.2		30784.0		33654.0		920.3		123.5	11347.0	1591.0
BECY-3	48135		5890	25001.0		1253.0	3768.0		113.6		41264.0		40395.0		2082.0		4314.0	1593.0	2480.0
BECY-4r	14967		2211	275.0		141.1	179.1		1346.7		9390.0		884.0		95.1		126.5	116.8	122.1
BECY-8r	31266		297	229.0		41.0	219.7		80.1		1574.0		182.0		141.0		146.7	129.8	127.0
BECY-12	33372		1196	1212.0		116.9	568.4		2.9		38118.0		5075.0		6525.0				
BECY-13	183		830	129.9		139.6	620.5		113.6		No Flow		45.9		137.3				
BECY-14	46534		22704	27900.0		35034.0	37466.0												
BECY-15	21		86	155.1		230.0	162.9		143.3		No Flow		93.6		133.7		132.7	153.8	92.3
BECY-16	971.00		115.00	126.4		135.0	142.9		93.0		787.6		471.1		112.3		123.5	132.7	125.1

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011).
 Station BECY-17a Added January 2011
 Results reported in µS/cm

Table 9
Year 4 Data Summary - Copper*

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.86							1.82						2.01				
BECY-7ra Grab		5.19							1.72						5.59				
BECY-9ra Grab After		1.89							2.00					0.89					2.38
BECY-9ra Grab		2.17							5.05					1.13					1.61
BMPep - Grab After - Total		27.70												29.50					
BMPep - Grab After - Dissolved	13.90	8.89						219.00				9.28		19.60					
BMPep - Grab		31.80												36.30					
Southside Grab After		2.2								1.39				2.45					2.25
Southside Grab		2.36								2.32				2.58					1.91
BECY-17a Grab After		5.73							4.85					2.46					1.60
BECY-17a Grab		4.01							10.30					2.03					7.06
BECY-1			7.46						1.65						1.23				1.47
BECY-2			1.63						3.82						2.33				4.57
BECY-3			2.06						5.98						2.90				3.16
BECY-4r			1.08						3.96						2.42				2.31
BECY-8r			2.54						9.59						1.85				4.65
BECY-12			2.49						2.24						2.70				
BECY-13			1.26						1.04						2.81				
BECY-14			11.20																
BECY-15			1.87						1.95						1.52				2.80
BECY-16			2.74						9.57										2.04
Pinckney Colony - Dissolved	4.87	7.05						5.93	17.80			10.60		12.20					

*Copper is internally tracked for Critical Exceedances Concentration Information. Values greater than 5.0 ug/L are reported monthly to Beaufort County.

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in µg/L

Table 10
Year 4 Data Summary - Dissolved Oxygen* (DO)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		4.4	3.3					10.0	5.1	5.0		4.3			10.1	10.5			
BECY-7ra Grab		4.3	0.0					5.9	6.8	6.8		4.2			6.5	7.9			
BECY-9ra Grab After		4.3		**	4.1				3.8	4.1		6.4		2.8	8.9	5.5	4.6		5.6
BECY-9ra Grab		4.1		**	3.3				5.2	5.4		7.3		3.1	2.0	4.6	4.7		6.0
BMPep - Grab After	8.1	2.5						5.7				7.2		5.3					
BMPep - Grab		2.3						4.9				8.9		4.6					
Southside Grab After		1.5	2.3		3.1			6.9		3.1		3.4		3.4	4.7	5.9	4.9		3.2
Southside Grab		1.8	2.8		1.2			4.6		5.7		10.6		3.3	5.2	6.4	7.1		6.6
BECY-17a Grab After		8.3	9.1		8.2			7.8	5.1	0.8		6.1		1.9	3.1	1.4	2.5		2.6
BECY-17a Grab		6.7	8.6		9.1			9.8	6.8	1.7		4.5		2.6	2.9	3.0	3.2		3.1
BECY-1	5.3			**		6.3	12.3		10.6		11.1		9.2		9.1		9.8	19.0	12.8
BECY-2	5.8			**		10.7	15.1		14.1		10.8		12.5		11.4		10.9	14.5	10.9
BECY-3	5.4			**		6.5	15.0		15.6		6.9		11.3		9.0		9.4	17.3	10.6
BECY-4r	6.3		0.7	**		5.4	11.4		8.5		11.0		21.3		5.4		7.4	9.4	7.9
BECY-8r	1.8		0.1	**		2.0	3.3		4.2		8.4		7.7		5.4		3.8	4.6	4.8
BECY-12	5.4		6.8	**		2.0	3.0		5.8		8.5		10.5		8.6				
BECY-13	7.2		9.1	**		2.4	14.8		5.3		No Flow		3.7		6.9				
BECY-14	4.9		6.9	**		4.1	12.7												
BECY-15	12.7		4.2	3.1		6.6	3.1		3.6		No Flow		1.8		3.3		3.5	5.5	8.0
BECY-16	8.4		5.6	**		5.7	12.2		5.7		13.3		11.5		7.9		8.2	9.6	6.0

*Dissolved Oxygen is internally tracked for Critical Exceedances Concentration Information. Values less than 3.0 are reported monthly to Beaufort County.

Critical Exceedance Concentration information is based on South Carolina Estuarine and Coastal Assessment Program Standards.

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

** DO field instrument malfunction

Results reported in mg/L

Table 11
Year 4 Data Summary - Fecal Coliform*

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		300	1300					500	1100	800		<20			2200	5000			
BECY-7ra Grab		1300	1700					500	700	300		40			300	16000			
BECY-9ra Grab After		230		300	500				300	>16000		5000		500	9000	1300	>16000		2400
BECY-9ra Grab		20		130	800				3000	500		1100		2400	16000	3000	>16000		2200
BMPEP - Grab After	7	4						240				4		130					
BMPEP - Grab		23						110				4		1600					
Southside Grab After		800	1400		230			500		300		40		>16000	2200	800	>16000		5000
Southside Grab		800	16000		500			230		500		40		9000	2400	>16000	140		3000
BECY-17a Grab After		500	40		900			>1600	>1600	>1600		16000		1100	9000	500	>16000		3000
BECY-17a Grab		170	30		8			900	300	>1600		5000		500	2800	5000	5000		9000
BECY-1	700		800	1700		2800	1300		2200		300		1100		1700		>16000	5000	3000
BECY-2	300		800	800		2200	1700		1700		500		500		1300		>16000	1100	1300
BECY-3	80		>16000	500		16000	5000		2400		230		40		1100		>16000	9000	5000
BECY-4r	1700		3500	800		3000	900		9000		5000		9000		1100		>16000	1300	300
BECY-8r	5000		800	200		200	400		2300		160000		30000		50000		>160000	4000	3000
BECY-12	1100		5000	3000		3000	2400		9000		500		>16000		9000				
BECY-13	130		70	40		23	300		170		No Flow		5000		500				
BECY-14	50		900	1600		3000	300												
BECY-15	300		500	1100		5000	1700		2400		No Flow		80		>16000		>16000	9000	5000
BECY-16	2200		1300	700		1300	500		1100		>16000		5000		500		>16000	1300	700

*Fecal Coliform is internally tracked for Critical Exceedances Concentration Information. Values greater than 14 CFU/100 mL are reported monthly to Beaufort County.

Critical Exceedance Concentration information is based on South Carolina Estuarine and Coastal Assessment Program Standards.

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in Colony Forming Units (CFU)/100 mL

Table 12
Year 4 Data Summary - Iron (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		630							1600						970				
BECY-7ra Grab		2230							2530						1370				
BECY-9ra Grab After		550							1870				2410						5570
BECY-9ra Grab		2720							2040				2070						1010
BMPep - Grab After		321											361						
BMPep - Grab		375											386						
Southside Grab After		405								1160			387						2090
Southside Grab		405								855			346						1490
BECY-17a Grab After		262							416				196						69
BECY-17a Grab		819							348				131						150
BECY-1			1890						2400						1710				1770
BECY-2			2130						2360						1530				1470
BECY-3			2720						3440						2040				1830
BECY-4r			1000						1550						1490				1310
BECY-8r			668						847						879				1120
BECY-12			1720						2510						1740				
BECY-13			3260						982						1020				
BECY-14			2300																
BECY-15			1340						3600						2180				2690
BECY-16			780						1520										1030

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)
 Station BECY-17a Added January 2011
 Results reported in µg/L

Table 13
Year 4 Data Summary - Lead (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.63							1.79						0.78				
BECY-7ra Grab		2.26							2.57						0.94				
BECY-9ra Grab After		0.50							0.62				0.50						0.91
BECY-9ra Grab		1.86							0.87				0.59						0.50
BMPep - Grab After		0.50											0.50						
BMPep - Grab		0.50											0.50						
Southside Grab After		0.59								0.50				1.05					1.25
Southside Grab		0.73								0.50				1.12					0.50
BECY-17a Grab After		1.51							1.12					0.50					0.50
BECY-17a Grab		2.95							2.10					0.50					1.81
BECY-1			2.50						1.41						0.73				1.01
BECY-2			0.94						0.88						0.50				0.50
BECY-3			1.21						2.12						0.84				1.23
BECY-4r			0.50						0.85						0.50				0.72
BECY-8r			1.18						1.95						0.50				2.50
BECY-12			1.60						2.03						1.27				
BECY-13			0.97						0.51						2.60				
BECY-14			2.50																
BECY-15			0.53						1.40						0.50				1.36
BECY-16			0.50						0.68										0.50

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)
 Station BECY-17a Added January 2011
 Results reported in µg/L

Table 14
Year 4 Data Summary - Manganese (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		5.3							35.7						11.9				
BECY-7ra Grab		115.0							69.3						189.0				
BECY-9ra Grab After		11.3							45.7					107.0					274.0
BECY-9ra Grab		32.3							109.0					101.0					18.5
BMPEP - Grab After		8.0												12.2					
BMPEP - Grab		8.3												18.2					
Southside Grab After		27.3								103.0				7.7					51.7
Southside Grab		58.6								52.0				7.7					68.1
BECY-17a Grab After		16.7							44.2					31.9					5.8
BECY-17a Grab		17.9							37.4					22.1					12.5
BECY-1			71.1						98.5						68.1			64.8	
BECY-2			143.0						65.2						59.2			58.5	
BECY-3			94.3						86.2						85.3			99.1	
BECY-4r			57.1						63.1						36.9			37.8	
BECY-8r			15.2						43.5						43.7			26.7	
BECY-12			77.0						116.0						181.0				
BECY-13			62.2						15.8						48.7				
BECY-14			119.0																
BECY-15			49.5						138.0						89.4			81.6	
BECY-16			33.1						59.3									28.6	

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011),
 Station BECY-17a Added January 2011
 Results reported in µg/L

Table 15
Year 4 Data Summary - Mercury (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.070							0.066						0.066				
BECY-7ra Grab		0.067							0.066						0.066				
BECY-9ra Grab After		0.076							0.066				0.066						0.066
BECY-9ra Grab		0.075							0.066				0.070						0.066
BMPEP - Grab After		0.080												0.066					
BMPEP - Grab		0.084												0.066					
Southside Grab After		0.075								0.066				0.066					0.066
Southside Grab		0.078								0.066				0.066					0.066
BECY-17a Grab After		0.074							0.066					0.066					0.066
BECY-17a Grab		0.087							0.066					0.066					0.066
BECY-1			0.066						0.066						0.066				0.066
BECY-2			0.066						0.066						0.066				0.066
BECY-3			0.066						0.066						0.066				0.066
BECY-4r			0.066						0.066						0.066				0.066
BECY-8r			0.066						0.066						0.066				0.066
BECY-12			0.066						0.066						0.066				
BECY-13			0.066						0.066						0.066				
BECY-14			0.066																
BECY-15			0.066						0.066						0.066				0.066
BECY-16			0.066						0.066						0.066				0.066

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011),
 Station BECY-17a Added January 2011
 Results reported in µg/L

Table 16
Year 4 Data Summary - Nickel (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		1.31							1.45						1.01				
BECY-7ra Grab		12.50							1.89						11.90				
BECY-9ra Grab After		2.05							1.20					1.50					1.77
BECY-9ra Grab		1.58							2.02					2.28					0.98
BMPep - Grab After		0.78												0.50					
BMPep - Grab		0.88												0.58					
Southside Grab After		1.20								1.07				0.61					2.10
Southside Grab		1.83								1.18				0.61					1.91
BECY-17a Grab After		2.02							1.52					0.97					0.50
BECY-17a Grab		1.05							2.05					0.75					1.03
BECY-1			11.40						1.55						1.58				1.78
BECY-2			2.21						1.90						1.35				4.70
BECY-3			6.63						3.90						2.11				2.79
BECY-4r			1.32						1.48						1.27				1.62
BECY-8r			1.36						1.67						0.88				1.34
BECY-12			2.51						3.01						3.40				
BECY-13			1.39						1.05						2.32				
BECY-14			2.40																
BECY-15			1.29						2.31						0.97				1.71
BECY-16			0.97						1.22										1.08

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in µg/L

Table 17
Year 4 Data Summary - Nitrate-Nitrite (NOx)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.06	0.17					0.21	0.57	0.59		0.01			0.01	0.03			
BECY-7ra Grab		0.09	0.06					0.09	0.64	0.47		0.01			0.01	0.06			
BECY-9ra Grab After		0.13		0.05	0.08				0.19	0.12		0.01		0.050	0.053	0.020	0.050		0.010
BECY-9ra Grab		0.12		0.40	0.19				0.14	0.15		0.39		0.259	0.051	0.140	0.175		0.050
BMPep - Grab After	0.05	0.13						0.46				0.01		0.116					
BMPep - Grab		0.12						0.49				0.01		0.050					
Southside Grab After		0.08	0.08		0.10			0.01		0.01		0.01		0.104	0.050	0.022	0.159		0.050
Southside Grab		0.398	0.13		0.094			0.01		0.472		0.01		0.100	0.158	0.157	0.089		0.010
BECY-17a Grab After		0.09	0.07		0.15			0.01	0.12	0.01		0.01		0.058	0.178	0.047	0.070		0.050
BECY-17a Grab		0.37	0.36		0.14			0.01	0.39	0.01		0.01		0.058	0.320	0.179	0.200		0.010
BECY-1	0.05		0.05	0.05		0.01	0.01		0.01		0.01		0.01		0.01		0.07	0.10	0.05
BECY-2	0.05		0.05	0.05		0.05	0.01		0.01		0.01		0.01		0.01		0.09	0.10	0.05
BECY-3	0.05		0.05	0.05		0.01	0.01		0.10		0.01		0.01		0.01		0.09	0.10	0.05
BECY-4r	0.10		0.05	0.05		0.01	0.01		0.08		0.38		0.07		0.01		0.09	0.10	0.05
BECY-8r	0.40		0.07	0.08		0.01	0.01		0.25		0.07		0.17		0.01		0.07	0.10	0.06
BECY-12	0.05		0.12	0.05		0.01	0.01		0.17		0.05		0.08		0.01				
BECY-13	1.13		0.37	0.23		0.05	0.44		0.45		No Flow		0.12		0.88				
BECY-14	0.05		0.05	0.05		0.05	0.01												
BECY-15	0.05		0.05	0.05		0.01	0.01		0.10		No Flow		0.93		0.10		0.17	0.10	0.07
BECY-16	0.09		0.05	0.05		0.01	0.01		0.05		0.09		0.01		0.01		0.05	0.10	0.01

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011),
 Station BECY-17a Added January 2011
 Results reported in mg/L

Table 18
Year 4 Data Summary - pH*

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		7.5	7.1					7.2	7.0	7.1		7.5			8.0	7.8			
BECY-7ra Grab		7.4	7.2					7.5	7.1	7.3		7.3			7.8	7.4			
BECY-9ra Grab After		7.6		6.9	7.3				6.9	7.2		7.5		7.6	7.6	7.8	7.6		7.5
BECY-9ra Grab		7.6		6.8	7.4				6.9	7.1		7.7		7.6	7.3	7.6	7.8		7.6
BMPEP - Grab After	7.9	8.3						7.6				8.1		8.1					
BMPEP - Grab		8.1						7.6				8.2		8.2					
Southside Grab After		7.5	8.9		6.9			6.8		6.8		7.4		7.1	7.1	7.2	7.6		7.0
Southside Grab		7.8	9.3		7.2			6.7		7.1		7.6		7.1	7.0	7.2	7.6		7.0
BECY-17a Grab After		8.4	7.0		7.5			6.6	6.9	6.3		7.0		7.1	7.1	7.2	7.2		7.1
BECY-17a Grab		7.6	7.0		8.2			6.7	6.9	6.3		7.0		7.2	7.7	8.1	7.3		7.3
BECY-1	7.3		7.4	7.6		7.1	7.6		6.9		7.8		7.6		7.5		7.8	7.7	7.6
BECY-2	7.0		9.0	7.0		7.3	7.0		7.1		7.7		7.6		7.4		7.5	7.2	7.6
BECY-3	6.9		6.9	7.5		7.5	7.1		6.7		7.6		7.3		7.1		7.3	7.3	7.4
BECY-4r	7.5		9.4	7.8		7.2	7.2		6.9		7.5		8.4		7.3		7.5	7.2	7.4
BECY-8r	6.9		7.1	7.0		6.7	7.1		6.9		7.9		7.6		7.4		7.3	7.4	7.3
BECY-12	7.2		7.7	6.6		7.2	7.1		7.1		7.3		7.2		7.4				
BECY-13	8.4		6.4	6.3		6.1	6.9		6.1		No Flow		6.8		6.8				
BECY-14	7.3		8.0	6.3		7.2	7.2												
BECY-15	7.9		6.8	6.8		6.9	6.8		7.0		No Flow		6.9		7.4		7.3	7.3	7.5
BECY-16	8.2		8.6	7.3		7.0	7.0		6.7		7.9		8.1		7.5		7.6	7.3	7.5

*pH is internally tracked for Critical Exceedances Concentration Information. Values less than 7.0 and greater than 9.0 are reported monthly to Beaufort County.

Critical Exceedance Concentration information is based on South Carolina Estuarine and Coastal Assessment Program Standards.

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in pH Standard Units

Table 19
Year 4 Data Summary - Phosphorus* (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.05	0.14					0.14	0.09	0.06		0.20			0.21	0.28			
BECY-7ra Grab		0.09	0.03					0.22	0.08	0.10		0.29			0.29	0.40			
BECY-9ra Grab After		0.09		0.07	0.14				0.10	0.10		0.22		0.22	0.17	0.15	0.09		0.19
BECY-9ra Grab		0.22		0.16	0.22				0.20	0.18		0.19		0.17	1.35	0.72	0.12		0.14
BMPep - Grab After	0.19	0.09						0.21				0.18		0.16					
BMPep - Grab		0.17						0.21				0.19		0.18					
Southside Grab After		0.38	0.32		0.36			0.42		0.38		0.55		0.18	0.39	0.54	0.22		0.45
Southside Grab		0.725	0.479		0.521			0.619		1.21		0.357		0.173	0.745	0.612	0.346		0.443
BECY-17a Grab After		0.11			0.08			0.39	0.36	0.57		0.57		0.18	0.20	0.34	0.08		0.15
BECY-17a Grab		0.21			0.05			0.35	0.21	0.21		0.52		0.19	0.16	0.24	0.20		0.31
BECY-1	0.17		0.10	0.12		0.18	0.15		0.08		0.08		0.17		0.18		0.22	0.27	0.21
BECY-2	0.12		0.34	0.26		0.36	0.17		0.17		0.06		0.14		0.32		0.28	0.24	0.26
BECY-3	0.12		0.10	0.18		0.17	0.16		0.14		0.06		0.17		0.22		0.29	0.25	0.25
BECY-4r	0.12		0.09	0.09		0.12	0.09		0.11		0.09		0.16		8.06		0.10	0.20	0.11
BECY-8r	0.15		0.08	0.12		0.87	0.17		0.11		0.29		0.23		0.31		0.09	0.21	0.14
BECY-12	0.21		0.30	0.18		0.88	0.14		0.17		0.18		0.95		0.35				
BECY-13	0.39		0.08	0.10		0.89	0.06		0.18		No Flow		0.14		0.05				
BECY-14	0.12		0.07	0.15		0.66	0.08												
BECY-15	1.17		0.33	0.41		0.95	0.52		0.66		No Flow		0.84		0.41		1.00	0.93	0.79
BECY-16	0.14		0.04	0.16		0.11	0.10		0.08		0.13		0.26		0.21		0.09	0.26	0.12

*Phosphorus is internally tracked for Critical Exceedances Concentration Information. Values greater than 0.98 mg/L are reported monthly to Beaufort County.

Critical Exceedance Concentration information is based on South Carolina Estuarine and Coastal Assessment Program Standards.

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in mg/L

Table 20
Year 4 Data Summary - Salinity

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		1.0	1.0					1.0	1.0	1.0		25.6			1.0	1.0			
BECY-7ra Grab		15.2	1.0					1.0	1.0	1.0		25.5			29.9	16.4			
BECY-9ra Grab After		1.0		1.0	1.0				1.0	1.0		1.0	1.0		1.0	1.0	1.0		1.0
BECY-9ra Grab		1.0		1.0	1.0				1.0	1.0		1.0	1.0	1.0	1.0	1.0	1.0		1.0
BMPep - Grab After	1.0	1.0						1.0				1.0		1.0					
BMPep - Grab		1.0						1.0				1.0		1.0					
Southside Grab After		1.0	1.0		1.0			1.0		1.0		5.8	1.0	1.0	1.0	1.0	1.0		1.0
Southside Grab		1.0	1.0		1.0			1.0		1.0		5.4	1.0	2.2	1.7	1.4			1.0
BECY-17a Grab After		1.0	1.0		1.0			1.0	1.0	1.0		2.3	1.0	1.0	1.0	1.0	1.0		1.0
BECY-17a Grab		1.0	1.0		1.0			1.0	1.0	1.0		2.1	1.0	1.0	1.0	1.0	1.0		1.0
BECY-1	31.0		18.6	1.0		1.0	1.0		1.0		16.9		17.0		1.0	1.0	1.0	1.0	1.0
BECY-2	32.0		1.4	2.1		1.0	6.4		1.0		24.5		26.1		1.0	1.2	8.1	1.0	1.0
BECY-3	32.5		6.5	1.0		1.0	2.3		1.5		32.4		32.3		1.3	2.9	1.4	1.6	1.6
BECY-4r	8.7		1.0	1.0		1.0	1.0		1.0		6.6		1.0		1.0	1.0	1.0	1.0	1.0
BECY-8r	3.6		1.0	1.0		1.0	1.0		1.0		1.0		1.0		1.0	1.0	1.0	1.0	1.0
BECY-12	1.0		1.2	1.0		1.0	1.0		1.0		31.6		3.4		4.5				
BECY-13	1.0		1.0	1.0		1.0	1.0		1.0		No Flow		1.0		1.0				
BECY-14	31.0		28.7	22.8		23.9	.26.3												
BECY-15	1.0		1.0	1.0		1.0	1.0		1.0		No Flow		1.0		1.0		1.0	1.0	1.0
BECY-16	1.0		1.0	1.0		1.0	1.0		1.0		1.0		1.0		1.0		1.0	1.0	1.0

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)
 Station BECY-17a Added January 2011
 Results reported in parts per thousand

Table 21
Year 4 Data Summary - Temperature

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		8.4	4.0					11.1	17.1	17.5		26.4			25.8	24.2			
BECY-7ra Grab		7.8	2.2					11.2	17.3	17.0		26.3			26.2	24.3			
BECY-9ra Grab After		9.1		10.2	9.1				17.6	20.9		25.5		25.9	27.6	26.6	24.0		21.9
BECY-9ra Grab		9.1		10.7	6.8				17.3	17.4		25.4		25.1	25.7	24.7	23.8		21.4
BMPep - Grab After	18.4	10.4						16.8				29.1		27.2					
BMPep - Grab		10.5						15.2				28.8		29.1					
Southside Grab After		9.8	6.0		8.7			11.7		15.9		26.3		25.4	25.6	25.1	23.3		22.2
Southside Grab		8.3	2.7		6.6			11.6		16.4		25.1		25.5	26.0	25.4	23.2		22.0
BECY-17a Grab After		8.1	1.8		8.1			11.1	18.3	15.7		26.4		26.1	27.2	26.3	23.6		22.7
BECY-17a Grab		9.4	5.1		6.1			11.2	17.6	17.5		26.5		26.0	25.8	25.4	23.9		22.4
BECY-1	16.1		5.6	10.3		16.8	15.6		17.6		26.8		27.3		27.6		24.2	19.3	21.6
BECY-2	17.1		5.1	11.3		18.2	16.7		19.5		28.5		28.8		31.5		26.0	21.4	22.9
BECY-3	17.3		4.3	11.3		17.6	16.3		18.4		28.6		29.2		28.2		25.5	19.2	22.2
BECY-4r	13.7		4.7	10.9		17.1	15.8		18.0		25.4		23.0		26.6		23.9	19.3	21.5
BECY-8r	17.1		6.5	11.6		17.4	16.4		18.0		24.9		25.9		27.5		24.0	20.8	22.8
BECY-12	13.1		4.1	10.9		16.6	15.3		16.7		25.2		24.9		26.0				
BECY-13	18.3		8.9	11.9		16.8	16.2		17.1		No Flow		24.4		24.8				
BECY-14	17.6		4.6	11.4		18.4	16.7												
BECY-15	11.4		5.1	11.0		16.3	15.4		16.6		No Flow		24.6		24.8		22.2	18.8	20.7
BECY-16	13.8		4.9	10.5		17.6	15.9		18.5		28.2		26.7		27.8		24.2	20.6	22.6

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011).
 Station BECY-17a Added January 2011
 Results reported in °C

Table 22
Year 4 Data Summary - Total Kheldahl Nitrogen* (TKN)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		0.39	0.77					0.72	0.25	0.59		0.80			0.65	1.40			
BECY-7ra Grab		0.25	0.34					1.05	0.56	0.19		0.90			0.58	1.40			
BECY-9ra Grab After		0.39		0.33	0.38				0.32	0.13		2.29		1.19	0.46	1.40	0.42		0.53
BECY-9ra Grab		0.80		0.53	0.05				0.37	0.70		1.93		1.75	2.93	0.20	0.52		0.38
BMPep - Grab After	0.76	0.88						1.25				0.95		0.71					
BMPep - Grab		1.25						1.33				1.36		1.53					
Southside Grab After		0.58	0.57		0.63			0.85		1.19		1.55		0.63	1.20	1.40	0.96		0.91
Southside Grab		1.47	0.804		0.906			0.807		4.5		0.802		0.672	2.63	1.4	1.17		0.985
BECY-17a Grab After		0.56	0.39		0.05			2.18	1.19	2.56		2.64		0.96	0.50	1.40	0.33		0.23
BECY-17a Grab		0.88	0.44		0.08			2.25	0.53	1.90		2.59		1.02	0.65	1.40	0.51		0.61
BECY-1	0.17		0.03	0.51		1.00	1.08		0.04		0.54		0.39		0.99		1.00	0.72	0.62
BECY-2	0.17		0.68	0.98		1.28	0.59		0.61		0.26		0.40		0.81		1.41	0.38	0.76
BECY-3	0.17		0.70	1.05		1.21	0.87		0.65		0.83		0.82		1.40		1.37	0.70	1.22
BECY-4r	0.27		0.47	0.77		1.18	1.14		0.91		0.46		0.39		1.19		1.09	0.58	0.80
BECY-8r	0.63		0.43	0.38		1.12	1.07		0.77		1.61		0.59		0.63		0.80	0.30	0.44
BECY-12	0.53		0.72	0.68		0.80	0.91		0.82		1.69		0.59		0.54				
BECY-13	3.38		0.71	0.66		0.60	0.55		0.42		No Flow		0.62		0.56				
BECY-14	0.14		0.03	0.10		0.93	0.03												
BECY-15	0.72		0.64	0.67		0.94	0.81		0.67	0.94		No Flow		0.54			1.73	1.14	0.86
BECY-16	0.60		0.53	0.76		0.85	0.61		0.04		1.13		0.20		1.18		0.78	0.48	0.66

*Total Kheldahl Nitrogen is internally tracked for Critical Exceedances Concentration Information. Values greater than 5.8 mg/L are reported monthly to Beaufort County.

Critical Exceedance Concentration information is based on South Carolina Estuarine and Coastal Assessment Program Standards.

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)

Station BECY-17a Added January 2011

Results reported in mg/L

Table 23
Year 4 Data Summary - Total Organic Carbon (TOC)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		8.97							12.50						10.60				
BECY-7ra Grab		4.17							11.30						5.09				
BECY-9ra Grab After		7.05							10.60					13.10					14.20
BECY-9ra Grab		8.36							14.30					18.10					9.53
BMPEP - Grab After		5.36												10.80					
BMPEP - Grab		5.16												15.10					
Southside Grab After		8.26								7.54				8.70					19.10
Southside Grab		9.35								7.74				7.68					11.70
BECY-17a Grab After		7.21							27.10					9.50					13.80
BECY-17a Grab		14.10							34.00					8.47					11.50
BECY-1			1.82						23.80						26.70			19.10	
BECY-2			10.60						15.70						24.80			9.79	
BECY-3			4.54						19.70						20.30			18.10	
BECY-4r			16.70						24.40						31.40			20.50	
BECY-8r			8.11						14.40						9.29			6.14	
BECY-12			18.80						22.30						18.20				
BECY-13			14.80						9.74						10.20				
BECY-14			1.85																
BECY-15			18.80						19.90						24.30			28.40	
BECY-16			11.20						19.40									12.90	

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPEP, BECY-12, and BECY-13 (September 2011)
 Station BECY-17a Added January 2011
 Results reported in mg/L

Table 24
Year 4 Data Summary - Total Suspended Solids (TSS)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		12.3	34.8					53.2	28.4	8.0		29.9			8.0	16.3			
BECY-7ra Grab		90.0	7.4					60.3	43.6	8.0		50.0			3.0	37.6			
BECY-9ra Grab After		14.6		2.8	8.3				10.8	19.2		48.0		25.2	21.0	14.6	9.8		16.8
BECY-9ra Grab		101.0		20.8	11.1				36.0	19.2		20.0		15.8	22.0	22.0	39.2		5.2
BMPep - Grab After	12.0	23.6						6.4				7.5		7.2					
BMPep - Grab		24.8						6.0				9.2		17.4					
Southside Grab After		4.4	5.2		30.4			8.4		10.2		17.8		10.2	5.7	14.0	12.6		11.2
Southside Grab		21.6	49.2		18.0			3.2		16.4		16.4		10.4	6.0	20.8	14.2		11.8
BECY-17a Grab After		52.0	322.0		2.2			28.0	19.6	18.8		13.8		5.2	5.7	3.8	2.0		5.2
BECY-17a Grab		32.0	14.4		18.0			28.7	68.6	15.5		16.2		31.0	5.7	6.0	23.0		16.4
BECY-1	13.6		9.0	13.2		30.0	10.4		26.8		38.6		26.4		21.0		37.1	20.5	11.2
BECY-2	14.4		30.0	44.4		79.0	16.0		65.5		26.8		15.3		25.0		33.6	19.2	22.8
BECY-3	31.2		36.0	61.6		121.0	58.8		118.0		51.6		80.3		40.0		111.0	54.2	70.4
BECY-4r	12.4		2.8	4.4		10.3	6.8		14.0		22.8		9.5		6.0		66.5	14.8	4.8
BECY-8r	7.2		13.6	3.2		9.6	36.6		12.4		20.8		13.6		18.0		22.4	4.8	4.4
BECY-12	24.0		14.0	11.2		11.6	15.4		35.6		55.4		72.7		36.0				
BECY-13	110.0		11.0	2.2		10.0	14.2		27.2		No Flow		5.2		21.0				
BECY-14	20.0		18.0	33.2		168.0	42.0												
BECY-15	8.8		2.6	4.8		8.8	8.0		24.4		No Flow		32.8		13.0		86.0	24.5	14.0
BECY-16	40.0		6.4	10.0		10.0	18.6		16.4		12.8		7.2		10.0		12.4	7.6	5.6

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)
 Station BECY-17a Added January 2011
 Results reported in mg/L

Table 25
Year 4 Data Summary - Turbidity

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		8.0	20.0					46.1	65.4	25.3		39.3			42.1	47.4			
BECY-7ra Grab		10.1	8.1					42.5	32.6	23.8		48.3			51.1	198.7			
BECY-9ra Grab After		15.3		17.5					23.1	23.7		53.2		46.3	37.0	38.1	36.1		29.1
BECY-9ra Grab		10.4		34.1					25.7	32.9		66.8		44.6	76.0	167.0	69.8		47.2
BMPep - Grab After	12.1	13.1						26.8				22.4		25.6					
BMPep - Grab		13.9						35.8				25.8		33.4					
Southside Grab After		8.2	9.6					16.7		20.4		23.4		38.7	31.8	31.7	33.7		33.7
Southside Grab		6.9	6.8					19.1		20.3		17.6		39.0	47.0	43.3	28.5		34.7
BECY-17a Grab After		13.9	7.8					31.1	23.7	236.8		24.5		31.9	29.6	29.6	27.8		25.7
BECY-17a Grab		13.1	11.8					42.7	25.2	37.7		28.7		32.1	28.6	33.9	37.5		35.2
BECY-1	10.1		7.8	23.6		35.7	25.5		36.4		36.0		43.4		55.7		70.0	55.0	33.3
BECY-2	8.6		15.3	34.6		59.1	28.0		40.1		27.4		37.1		64.1		63.5	49.1	14.6
BECY-3	90.0		14.1	38.8		86.7	73.5		97.4		43.6		80.7		55.4		111.3	73.1	85.3
BECY-4r	14.2		9.1	11.5		24.8	21.8		28.2		25.8		36.7		26.7		68.8	43.4	34.5
BECY-8r	20.8		11.4	13.7		21.0	36.8		33.3		26.8		54.6		36.1		41.8	38.0	30.2
BECY-12	33.4		12.3	24.4		27.6	30.4		52.2		62.5		113.9		83.9				
BECY-13	29.1		14.4	9.7		15.7	24.7		34.7		No Flow		33.8		39.9				
BECY-14	12.6		10.1	22.7		105.4	39.5												
BECY-15	21.5		7.8	12.0		22.7	25.7		42.7		No Flow		53.0		40.6		126.9	53.1	45.7
BECY-16	36.0		7.6	13.6		22.3	24.5		25.6		24.0		34.4		41.0			33.0	26.6

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011).
 Station BECY-17a Added January 2011
 Results reported in Nephelometric Turbidity Units

Table 26
Year 4 Data Summary - Zinc (Total)

Station	Nov-10 11/5/2010	Jan-11 1/6/2011	Jan-11 1/11/2011	Jan-11 1/26/2011	Feb-11 2/4/2011	Mar-11 3/1/2011	Mar-11 3/10/2011	Mar-11 3/28/2011	Apr-11 4/6/2011	Apr-11 4/13/2011	Jun-11 6/16/2011	Jun-11 6/24/2011	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11 8/10/2011	Aug-11 8/18/2011	Sep-11 9/21/2011	Oct-11 10/14/2011	Oct-11 10/19/2011
BECY-7ra Grab After		8.5							12.1						10.1				
BECY-7ra Grab		17.5							9.1						24.0				
BECY-9ra Grab After		18.6							11.5				5.3						18.3
BECY-9ra Grab		21.0							25.2				6.9						7.8
BMPep - Grab After	22.2	3.5											3.5						
BMPep - Grab		3.5											3.5						
Southside Grab After		6.5								27.8				11.8					12.9
Southside Grab		14.5								4.0				10.9					8.6
BECY-17a Grab After		30.9							19.6					19.1					10.6
BECY-17a Grab		40.1							51.9					11.3					24.0
BECY-1	3.3		17.5						5.1						5.0				5.7
BECY-2	3.4		6.3						5.1						3.5				6.6
BECY-3	2.9		17.5						8.3						5.0				6.2
BECY-4r	2.3		5.4						5.1						5.2				4.7
BECY-8r	2.0		25.2						33.4						13.0				41.2
BECY-12	21.8		9.8						3.6						7.1				
BECY-13	3.7		6.0						3.6						15.3				
BECY-14	3.6		21.6																
BECY-15	0.9		15.7						20.1						3.5				11.5
BECY-16	3.2		3.5						3.5										3.7

'Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler
 Sampling Discontinued at Stations BECY-14 (April 2011), BECY-7ra, BMPep, BECY-12, and BECY-13 (September 2011)
 Station BECY-17a Added January 2011
 Results reported in µg/L