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February 29, 2012

Mr. Daniel Ahern, P.E. Storm Water Program Manager Beaufort County Public Works 120 Shanklin Road Beaufort, South Carolina 29906

Re: Year 2010-2011 Annual Report

Dept E. Coppy -

Beaufort County Stormwater Quality Monitoring

Beaufort County, South Carolina

Dear Mr. Ahern:

Enclosed is the Year 2010-2011 Annual Report for the project, titled "Beaufort County Stormwater Quality Monitoring, Beaufort County, South Carolina." If I can answer any questions or provide you with additional information regarding this report, please contact me at (843) 769-7378.

Sincerely,

Joseph E. Coffey, Jr., P.E.

Director

enclosures



Engineering LLC

Environmental | Engineering | Surveying

YEAR 2010-2011 REPORT

Beaufort County Storm Water Quality Monitoring
Beaufort County, South Carolina

Submitted to:

Beaufort County Public Works 120 Shanklin Road Beaufort, South Carolina 29906

Submitted by:

GEL Engineering, LLC

A Member of THE GEL GROUP, INC.

2040 Savage Road

Charleston, South Carolina 29407

Submittal Date: December 1, 2011

Beaufort County Storm water quality monitoring

Beaufort County, South Carolina

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Beaufort County Storm Water Quality Monitoring

Beaufort County, South Carolina

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Beaufort County Storm Water Quality Monitoring Beaufort County, South Carolina

EXECUTIVE SUMMARY

The Beaufort County Storm Water Quality Monitoring Program was developed to achieve the four primary goals identified in the Storm Water Management Plan (SWMP) and support the county's future implementation of this plan. The four primary goals are:

1) establish baseline water quality; 2) determine and track long-term trends to measure effectiveness of current best management practices (BMPs); 3) conduct bacterial source tracking (BST) and; 4) measure efficiency of selective BMPs. Table 1 shows the recommended tributary sampling as indicated in the SWMP and Table 2 shows the current tributary sampling locations. GEL Engineering, LLC (GEL) was first selected by Beaufort County in 2007 to implement the water quality monitoring program for two years. In 2009, GEL was selected to continue the water quality monitoring program, for the potential of up to five years.

During Year 4, no funds were spent to conduct BST due to the inconclusive nature of data derived during past BST and no further advancements in the technology. Additionally, due to elevated copper concentrations at the Eagles Pointe Golf Club, expanded copper evaluations were conducted to predict toxicity and evaluate the effects of applications of copper sulfate.

Due to the limited duration of sampling, long-term trend analyses cannot yet be conducted, but preliminary observations can be drawn from the data collected thus far:

- The concentrations of fecal coliform exceed the state shellfish harvesting waters standard of 14 CFU/100 mL at all sample stations.
- Three years of consistent baseline water quality data were obtained for multiple stations and Beaufort County elected to discontinue data collection at these sites.
- A sample station, BECY-17A, was added in order to gather baseline water quality
 data prior to the Beaufort County Office Complex parking lot redesign and compare
 with data collected after the work has been completed.

- Excluding fecal coliform, data collected in Year 4 did not regularly exceed action levels for parameters with "critical exceedance concentrations" as set by Beaufort County and based on the South Carolina Estuarine and Coastal Assessment Program (SCECAP) standards.
- The data obtained from expanded copper evaluations and toxicity modeling at Eagles Pointe Golf Club suggests that discharge from the pond system would not negatively impact the downstream aquatic environment if discharge was prevented from leaving the pond system for 24-hours following an application of copper sulfate.

Beaufort County Storm Water Quality Monitoring Beaufort County, South Carolina

1.0 Year 4 Storm water quality monitoring

GEL was retained to continue the storm water quality monitoring program that was initiated in June 2007. During Year 4, GEL:

- Continued monitoring all established stations in response to a qualified storm event rather than on a set schedule;
- Reported sample values exceeding "action levels" to Beaufort County for those parameters with SCECAP-based "critical exceedence concentrations;"
- Routinely met with Beaufort County to review the latest data, and;
- Made adjustments to sample locations, parameters measured, etc., based on the monitoring results, data review, and monitoring program directives supplied by Beaufort County.

Table 2 summarizes the stations monitored during Year 4, including their name, watershed, receiving water body and classification, etc., and most importantly their purpose.

1.1 Sample Locations and Purpose

Since initiation of the storm water quality monitoring program, the selection and identification of appropriate sampling sites for grab sampling and automatic storm event sampling has been based on the water quality sensitivity analysis (modeling), the current level of service for water quality segments, and the existing and future land use classifications. During Year 4, six trending sites and eight existing water quality stations were monitored, copper was evaluated at the outfall at Eagles Pointe Golf Club, as well as an assessment of fecal coliform in the sediments near the May River. Note, sampling from an additional existing water quality site was initiated in Year 4 (refer to Table 2), and its purpose will be further discussed in Section 2 of this report. All sites monitored during Year 4 are displayed on Figure 1.

1.2 Qualifying Storm Events

During Year 4, GEL collected grab samples and conducted field measurements at all stations following a storm event that was greater in magnitude than 0.1 inches in

magnitude per hour and that occurred at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event.

GEL also conducted monthly composite storm event sampling at five discrete auto sampler locations, provided that a storm event greater than 0.1 inches in magnitude per hour had not occurred within 72 hours from a previously measurable (greater than 0.1 inch rainfall) storm event. Samples were collected with an automatic sampler that was established and secured in each of the locations. The automatic sampler collected an aliquot every two minutes for the first 30 minutes following a qualifying storm event for a "grab sample." In past years, the automatic sampler then collected a 15 minute aliquot for the next two and a half hours for a composite sample. However, based on recommendations from the Year 2 Annual Report, the composite auto sample was no longer collected beginning in September 2009. Instead, a second grab sample was collected when GEL personnel collected the grab from the automatic sampler (referred to as "Grab After" in Tables 3 through 26).

1.3 Sampling/Analytical/QA-QC Procedures

All sampling events were conducted following GEL's Standard Operating Procedures, United States Environmental Protection Agency (EPA) and SCDHEC approved sampling and analytical protocols, and appropriate safety measures. The table below identifies each parameter analyzed, the method allowable maximum holding time, sample preservative and the analytical method:

Parameter	Holding Time	Sample Preservative	Analytical Method
Fecal Coliform bacteria (FCB)*	24 Hours	Na ₂ S ₂ O ₃	EPA 200.8
Total suspended solids (TSS)	7 Days	4°C	EPA 160.2
Salinity	28 Days	4°C	EPA 120.1
Biochemical oxygen demand (BOD)	48 Hours	4°C	EPA 405.1
Ammonia nitrogen (NH3-N)	28 Days	4°C, H ₂ SO ₄ (pH<2)	EPA 350.1
Nitrite and nitrate nitrogen (NO ₃ + NO ₂)	28 Days	4°C, H ₂ SO ₄ (pH<2)	EPA 353.1
Total Kjeldahl nitrogen (TKN)	28 Days	4°C, H ₂ SO ₄ (pH<2)	EPA 351.2

Total phosphorus (TP)	28 Days	4°C, H ₂ SO ₄ (pH<2)	EPA 365.4
Chlorophyll-a (chl-a)	48 Hours	4°C	SM10200H
Total organic carbon (TOC) - quarterly	28 Days	4°C, H ₂ SO ₄ (pH<2), zero headspace	EPA 415.1
Metals (cadmium, chromium, copper, iron, lead, manganese, mercury, nickel and zinc) — quarterly)	6 Months	4°C, HNO₃ (pH<2)	6010B

^{*} GEL recommended that fecal coliform levels be analyzed using the five-tube dilution method (also known as MPN) since it provides more accurate results for samples containing turbidity and saltwater and is consistent with methods used during the previous monitoring events. Additionally, the standard holding time for fecal coliform is six hours; however, this method allows for a holding time of 24 hours if the sample data is not for potable water and will not be used for compliance purposes.

Analysis of pH, temperature, dissolved oxygen, turbidity and conductivity was performed in the field using a calibrated Series 4a DataSonde, manufactured by Hydrolab. This allowed parameters with a short holding time to be analyzed in-situ at the time of sampling at each sample location, thus providing more accurate results. Ambient weather conditions noted during each monitoring event included precipitation over the previous 24 hours. In addition, tide levels were noted during the time of sampling at each location. Each of these field parameters was recorded on a Field Data Information Sheet.

While grab samples collected using the auto samplers was described in Section 1.2 of this report, discrete grab samples were collected by lowering a new sampling container directly into the surface water and next transferred to the appropriate laboratory sample containers that have been pre-labeled and containing the appropriate sample preservative. Sampling personnel wore new laboratory-quality, PVC gloves during all sample collection activities, and changed gloves, at a minimum, between each monitoring location. Each sample container was identified with a laboratory label that was completed during collection, and each label included the following information:

- The address and telephone number of GEL;
- A specific client code for the County;
- The parameter to be analyzed from that container;
- The sample identification number/name, and;
- The date and time of sample collection.

A chain of custody form (COC) was completed and maintained throughout sampling and transportation to the laboratory. Samples were transported to GEL Laboratories, LLC, or the designated subcontracted laboratory for analysis. A sufficient amount of freezer packs and/or ice was maintained in the cooler to ensure that the samples remain at the recommended temperature (4° C). The analytical results were submitted to the County, along with Critical Exceedances, on a monthly basis. (The COC and analytical certificates were not submitted to the County and are not included within this report, but may be supplied upon request.)

2.0 Adjustments Made During Year 4 Monitoring

Several adjustments were made leading into, and during Year 4 of the storm water quality monitoring program. During this time, one existing water quality station was added (BECY-17a). Additionally, sampling was discontinued at 10 sample stations, including one trend station (BECY-14), five existing water quality (BECY-5, BECY-7ra, BECY-12, BECY-13, and Christine Place), two runoff modeling sites (BECY-1a and BECY-4a), the BMP efficiency site (BMP-Out at Eagles Pointe Golf Club), and a copper evaluation site (Pinckney Colony).

2.1 Monitoring Station Changes

In January 2011, sample station BECY-17a was added to the data collection efforts. Samples collected from this automatic sampler station are for the purposes of evaluating the existing water quality in a stormwater pond adjacent to the Beaufort County Office Complex, which captures and stores the runoff from the parking lot prior to discharge. Future plans for the parking lot include a redesign to better handle stormwater runoff. The purpose of station BECY-17a to gather baseline water quality data prior to the parking lot redesign and compare with data collected after the work has been completed.

In April 2011, sampling at trend station BECY-14 was discontinued. Although a long-term trend station, the site continued to experience high concentrations of salinity, thus results were not indicative of stormwater runoff. Alternative areas to relocated BECY-14 were investigated, but no feasible alternative was identified.

In November 2010, sample efforts at the existing water quality stations BECY-5, and Christine Place were discontinued. Sample collection ceased at BECY-5 due to high concentration of salinity, as well as the collection of three years of low-variability data. Sampling at station Christine Place was originally initiated for the purpose of evaluating existing water quality at a pond in the Christine Place neighborhood. It was originally thought the pond would have sub-par water quality due to a large bird population that utilized the pond and would be a good location for a retrofit. However, data from this

sample station revealed relatively good water quality; therefore, the County decided to remove Christine Place from the sampling efforts. In September 2011, sampling was discontinued at stations BECY-7ra, BECY-12, and BECY-13. Sample collection was halted at these stations due to the collection of at least three years of low-variability data.

Sample collection efforts also ceased at stations BECY-1a and BECY-4a in November 2010. BECY-1a and BECY-4a were originally established to gather data for medium- and high-density residential areas for comparison with data originally used by CDM to calibrate the water quality model. The three years of data collected from these sampling stations was found to be considerably lower than the data used by CDM to calibrate the water quality model. Therefore, the Year 3 report advised moving these sample stations to collect data from an industrial/commercial site to determine how it compares with the model data. However, an industrial/commercial location has not yet been identified.

Lastly, in September 2011, sample collection was discontinued at stations BMP-Out and Pinckney Colony, both of which are outfalls from the Eagles Pointe Golf Club. BMP-Out was originally established as the BMP efficiency site (along with BMP-In). However, after collection efforts were discontinued at BMP-In, the main purpose of station BMP-Out was to determine the quality of water discharged from the Eagles Pointe pond system, as well as copper evaluation. Aside from high concentrations of copper, water quality from outfall BMP-Out did not consistently exceed the SCECAP-based action levels. The purpose of the continued collection efforts at Pinckney Colony was for copper concentration evaluation. As is explained in Section 2.2, a detailed copper evaluation was conducted for the Eagles Pointe Golf Club; therefore, sample collections are no longer necessary at either station.

2.2 Eagles Point Copper Evaluation

During Year 3, review of quarterly total copper data for sample station BMP-Out revealed copper concentrations exceeding current regulatory standards. Current regulatory standards range from 3.0 to 6.0 micrograms per liter (μ g/L). In one instance, results from the total copper quarterly sampling produced results exceeding 130 μ g/L. The analysis of these samples was for total copper, all of which is not biologically available in aquatic systems.

An analysis for dissolved copper could provide more insight into the potential toxicity within the ecosystem, since dissolved copper tends to be more biologically available. It is important to note that not all dissolved copper is biologically available,

but if dissolved copper concentrations were less than the regulatory standards, the measured copper should not be toxic to aquatic organisms. Therefore, in September 2009, monthly sampling at BMP-Out and Pinckney Colony began for both total and dissolved copper to determine if dissolved copper concentrations are greater than existing regulatory standards. Following several months of sampling, the dissolved copper concentrations remained greater than the regulatory standards.

Although the total and dissolved concentrations were greater than the regulatory standards, a large unknown was whether the observed concentrations would be toxic within this aquatic ecosystem. A second unknown was whether the application of copper sulfate in the pond system at Eagles Pointe affected copper concentrations. Copper sulfate is regularly applied to the pond system to control algal growth. Therefore, with the recommendation of a Beaufort County Stormwater Utility Management Board member, GEL completed Biotic Ligand Model (BLM) analyses, consisting of 3 different sampling events. The BLM predicts the metal toxicity and speciation for a particular site based on the ambient water quality. Therefore, by inputting temperature, pH, dissolved organic carbon, cations, anions, alkalinity, and sulfide, the BLM would predict whether measured concentrations of dissolved copper would be toxic in the aquatic ecosystem. Also, separate sampling was conducted prior to and after the application of copper sulfate to determine how its' application affects copper concentrations.

Based on the findings of the copper sulfate sampling and BLM, the following inferences were made:

- Applications of copper sulfate to the Eagles Pointe pond system increases the dissolved copper concentration, which remain elevated for approximately 24hours after application.
- The results of the BLM indicate that the observed concentrations of dissolved copper (not in conjunction with the application of copper sulfate) do not exceed the Criterion Maximum Concentration (acute concentration) or Criterion Continuous Concentration (chronic concentration) for the pond system.
 Therefore, the model data suggests that the dissolved copper concentrations are not toxic.

• The data suggests the downstream aquatic environment from the Eagles Pointe Golf Club would not be negatively impacted by the application of copper sulfate (at levels consistent with the application doses deployed during the course of the study period) if discharge was prevented from leaving the pond system for 24hours following an application of copper sulfate.

Further details of the copper evaluation were provided to Beaufort County in the Eagles Pointe Copper Sampling Report, completed by GEL in June 2011.

2.3 Eagles Point Flow Meters

During Year 3, flow-meters were installed at the two Eagles Pointe outfall points – BMP-Out and Pinckney Colony. The Greyline Instruments, Level-Volocity Stingray Logger flow-meters continuously measures and stores water temperature, depth, and velocity data at programmed intervals. Using this data and information about the outfall pipe (i.e., pipe diameter) flow estimates from the system can be calculated. During Year 4, GEL routinely downloaded and processed this data. The data was then provided to Mr. Rick Karkowski of Thomas and Hutton. Mr. Karkowski utilizes this data to perform loading predictions from Eagles Pointe. Along with the ceased sampling from the Eagles Pointe outfalls, data collection from the flow meters was discontinued. In October 2011 the flow meters were removed for a future use in the Beaufort County Water Budgets Study.

2.4 Evaluation of Fecal Coliform in Sediments

Additionally during Year 4, efforts were taken to evaluate fecal coliform in sediments, particularly in the areas near the May River. The purpose of this task was to collect and analyze samples in these sediments to determine if they may be a significant source of fecal coliform concentrations for the May River. The samples were collected in the wetlands and waterways in the Palmetto Bluff development in Bluffton, SC.

The first set of samples was collected in four locations. Additionally, at three of the locations, sediments were collected from the surface (0 to 2-inches of sediment) and at the subsurface (approximately 6-inches below surface). The results of these samples indicate that the subsurface samples contained a minimal concentration of fecal coliform. Furthermore, the results did not identify the sediments to contain a large concentration of fecal coliform in the wetlands. The highest observed concentration of fecal coliform was found in the sediments in a tributary of the May River, rather than in the surrounding wetlands.

A second set of sediment samples was collected in conjunction with a flush test conducted by the Beaufort-Jasper Water and Sewer Authority (BJWSA). The BJWSA flush test consisted of the release of a large quantity of aquifer-stored potable water through drainage areas to the May River. The purpose of the sediment sampling was to evaluate fecal coliform concentrations before and after the flush test to determine how fecal coliform populations in the sediments may react to the large quantity of water entering and exiting the system (in a similar manner of a large rain event). Thus, surface sediment samples were collected at six locations, three days before and after the post flush test and analyzed for concentrations of fecal coliform. The results of the sediments samples were inconclusive, with no observed overarching trends. Based on the inconclusive nature of the results, no further samples were collected in conjunction with the remaining BJWSA flush tests.

3.0 Year 4 Data Analysis

As indicated, GEL's monitoring is being performed to achieve four primary goals identified in the SWMP and support the county's future implementation of this plan. The primary goals are:

- 1. Perform long-term trend analysis to track BMP effectiveness;
- 2. Evaluate baseline existing water quality;
- 3. Confirm model inputs for select structural BMPs; and,
- 4. Confirm model inputs for runoff quality from land use areas.

3.1 Baseline Existing Water Quality

Stations with higher salinity values indicate the collection of tidally influenced samples rather than those of storm water resulting from a wet weather event. Results from sample station BECY-14 (trending) indicate significant salinity and tidal influence of the samples. As a note, due to the elevated salinity concentrations at BECY-14, samples are no longer collected at this sample station. In addition, a small number sampling events at BECY-1, BECY-2 and BECY-3 indicate elevated salinity values. However, these events occur only during a very high tide in the region and are not as pronounced as the salinity concentrations at BECY-14.

As indicated, stations with results above the applicable water quality standards should receive a higher priority for implementing future BMPs. Note that all stations have average fecal coliform concentrations greater than the state standard of 14 CFU/100 ml. Aside from fecal coliform concentrations and typical seasonal fluctuations, sample

stations in Year 4 did not experience widespread or routine results exceeding "action levels" for the parameters with critical exceedance concentrations, as established by Beaufort County, which are based on the SCECAP standards. The parameters internally tracked for exceedances are biochemical oxygen demand, copper, dissolved oxygen, fecal coliform, pH, total phosphorus, and Total Kheldahl Nitrogen.

As previously noted, GEL no longer collects a composite sample from the automatic samplers. Currently, the grab sample from the automatic sampler is collected, along with a second grab sample directly from the water source (at the time of sample pick-up). A preliminary analysis of the fecal coliform concentration results was conducted to identify a correlation between lapsed time between samples and the fecal coliform concentrations at individual stations, as well as an overarching trend across all stations.

However, this analysis did not reveal any trends based on lapsed time between the samples and the fecal coliform concentrations. It is assumed that the fecal coliform concentrations are affected by a number of station-specific variables that may overshadow the time between sample collections. These variables may include soil types and infiltration rates for the different stations, as well as the land use and waterbody from which a sample is collected (i.e., pond adjacent to a parking lot versus a high-flow drainage creek). Results may also be influenced by the duration, intensity, and overall amount of rainfall that triggers a sample collection.

4.0 Year 4 Conclusions

GEL was retained to continue the storm water quality monitoring during year 2010-2011, while integrating improvements over the existing sampling and analysis program. Again during Year 4, no additional BST efforts were undertaken. This decision was based on limitations with the current BST technologies. In addition to summarizing the Year 2010-2011 storm water quality monitoring program within this annual report, and, as requested by the Beaufort County Storm Water Utility Board, GEL has listed observations made during year 2010-2011 which we believe are worthy of further consideration with regard to changes in future storm water quality monitoring in Beaufort County to further achieve the primary goals identified in the SWMP:

Identify a new high/medium density residential or industrial/heavy commercial
site. Since the data collected from past runoff sampling sites was considerably
lower than the data originally used by CDM to calibrate the water quality model, it
may be advisable to collect data from other sites to determine how it compares
with the model data.

Identify a new BMP site to investigate efficiency. The previous BMP station at
Eagles Pointe Golf Club was determined to not be an appropriate location to
measure BMP efficiency, as multiple influent locations could not be accurately
measured and assessed. Conversations with Beaufort County indicate a new BMP
may be located in conjunction with the future Water Budgets Study.

5.0 References

South Carolina Department of Health and Environmental Control, April 25, 2008, Water Classifications and Standards Regulation 61-68: Bureau of Water.

South Carolina Department of Health and Environmental Control, Shellfish Sanitation Program Water Monitoring, Assessment and Protection Division, Environmental Quality Control-Bureau of Water, Annual Update, July 2006, Update.

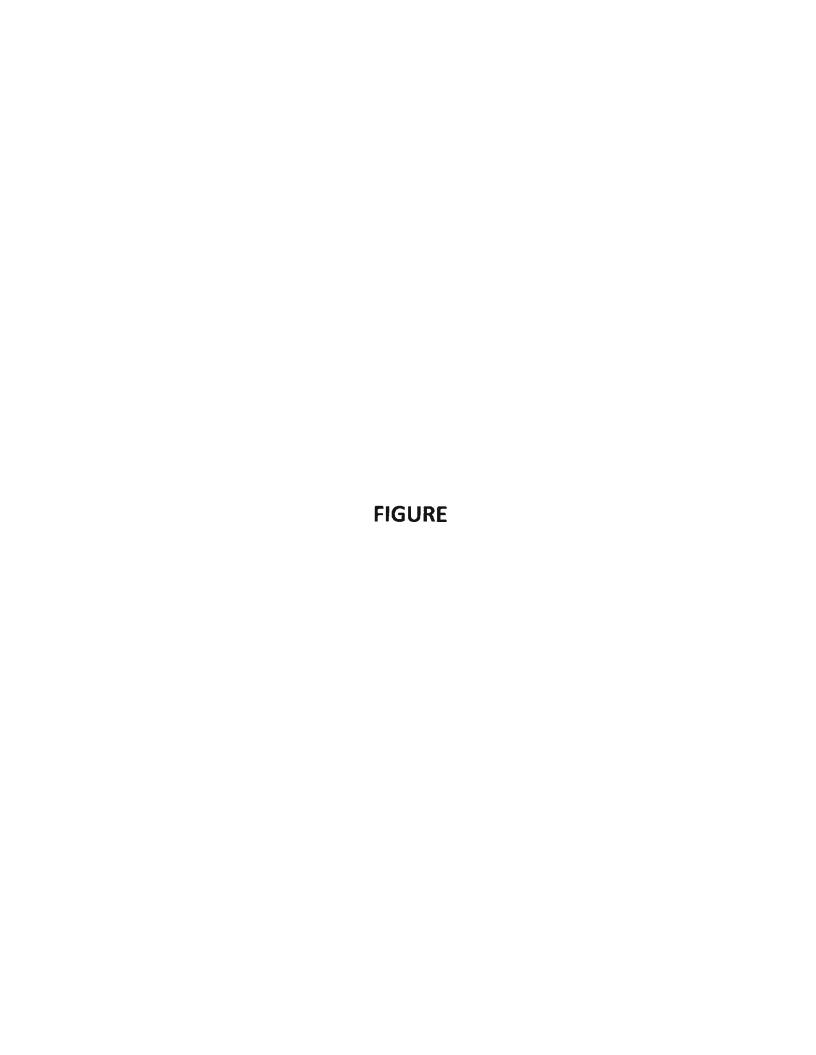
Beaufort County Storm Water Management Plan, February 20, 2006, Thomas & Hutton Engineering Co. and Camp Dresser McKee Inc.

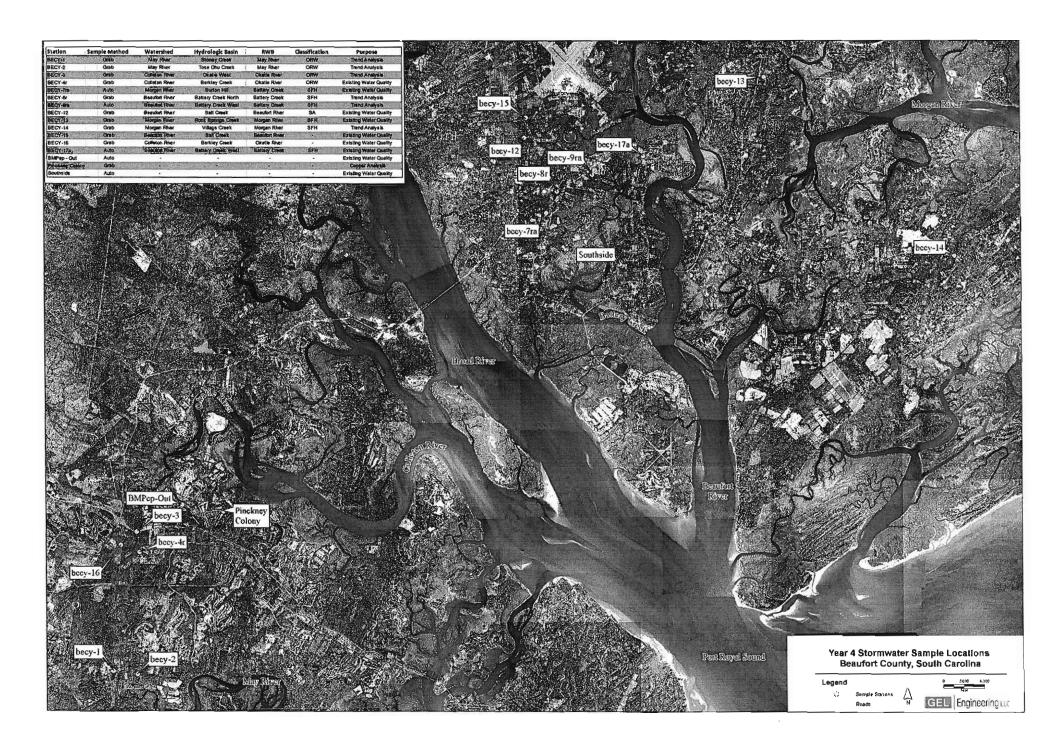
Beaufort County Monitoring Program Review, March 24, 2008, Camp Dresser and McKee Inc.

Biotic Ligand Model Manual, June 2007, HydroQual, Inc.

USEPA, 2005. Microbial Source Tracking Guide Document. Office of Research and Development, Washington, DC, EPA/600/R-05/064.

USEPA, 2006, Water Quality Standards Database.





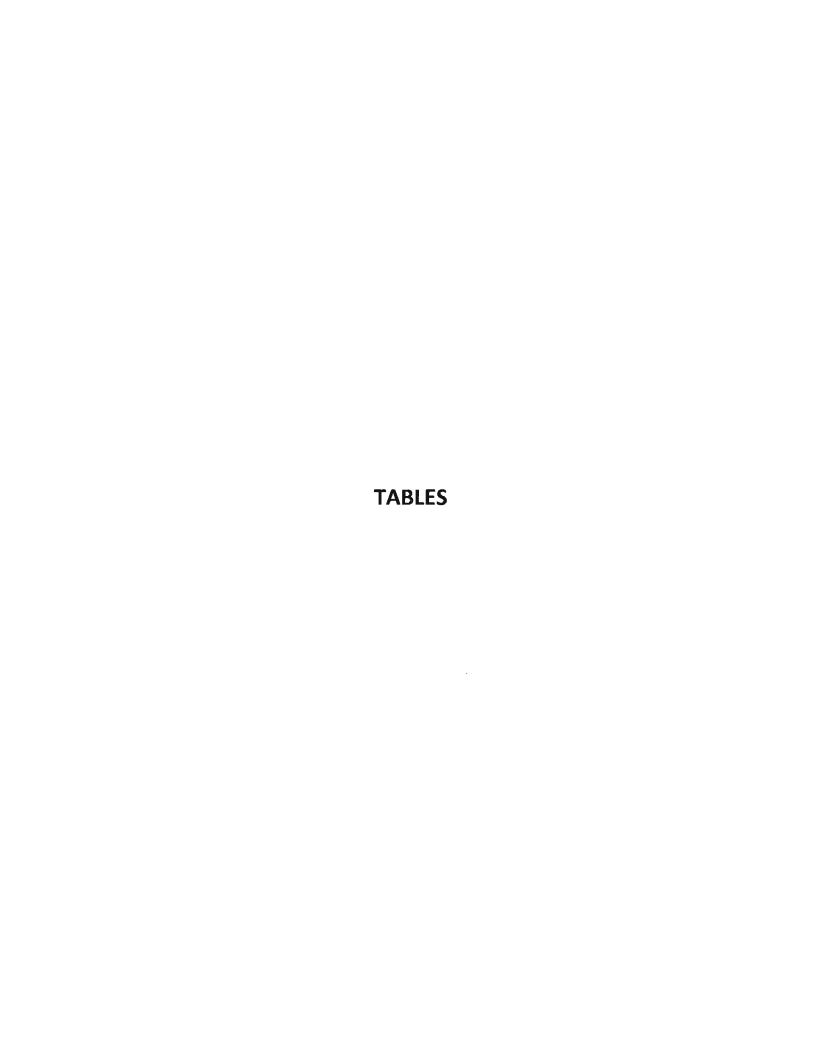


Table 1
Recommended Tributary Sample Locations

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	Okatle 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	Okatle 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)

Péréin-	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		0.073	0.221					0.144	0.201	0.176	SV	0.192		N. A. T.	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
BMPep - Grab After	0.083	0.167						0.226				0.192		0.281					
BMPep - 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	1111111	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, BMPep, 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)

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		1.00	2.85					4.19	3.43	1.67	A RECEIVED	4.08	A HOLL		1.13	2.35	are not the	OP TO STATE OF	in meson.
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			THE PERSON	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			A THE RESIDEN	NAME OF THE OWNER, THE	MANUAL PROPERTY.	8.50	350A 1180A		SPATING BE	2.59	AT THE ST	2.49		THE HELDY			
BMPep - Grab		2.00						8.24	111			2.47		2.33					
Southside Grab After		2.10	4.43	A THE STATE OF	4.35			8.63		2.29	STREET, ST	4.32	STEEL STATE	2.06	3.44	3.19	3.72	AC BARRIED A	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	Page At The S		24.80	13.30	14.90	A STATE OF THE STA	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
BEGY-3	1.40		1.67	4.46	CAN BEVE	3.59	1.00		3.66	Military Alexander	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	Part of the	3.23	8.66		8.92	1.75		7.17	ELECTRIC PARTY	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	V = 10 0 20 1 11 11 11 11 11 11 11 11 11 11 11 11	3.25	enconstruction of the second	p vi		AND THE RESERVE OF THE PARTY OF
BECY-13	1.90		1.01	2.92	NO. 17 P.	1.39	1.33	TOTAL STATE	1.63	is distance	No Flow		28.00	in the Children	1.00	AND DESIGNATION OF THE PARTY OF	MARKET SE	STY STEEL	
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	Station (5.11-53)	No Flow		7.48		1.46	IN CHARLETON	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.

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

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

^{&#}x27;Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Table 5
Year 4 Data Summary - Cadmium (Total)

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	
BECY-7ra Grab After	BEAGN CHEST WITH	0.11	No. of the second	and the state of t	HERETALD IN LANCE	TO WELL H	Section 1	1000	0.11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mark of the			と のなまは	0.11	A LEVEL B			A STATE OF THE
BECY-7ra Grab		0.11							0.11						0.55				
BECY-9ra Grab After		0.37							0.11					0.15				15 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -	0.19
BECY-9ra Grab		0.36							0.14					0.11					0.11
BMPep - Grab After		0.11			11774 9101									0.11				BEAL SERVE	Harry Street
BMPep - Grab		0.11											7.7	0.47					
Southside Grab After		0.11	SO WAD SOU							0.22			TOWN THE PARTY	0.11	STATE OF STA		THE RESERVE		2.70
Southside Grab		3.22								0.275				0.11		The second second			0.11
BECY-17a Grab After		0.267		TANKA SECTION	ARE OF BEE			A CORNER OF STREET	0.349	NEW THE ST	AND ALL MAI		REPORTED IN	0.11					0.369
BECY-17a Grab		1.97							0.332					0.11			A CONTRACTOR OF THE PARTY OF TH		0.477
BECY-1		and the state of	2.20	The State of the S					0.11				18 E 18 E		0.11	TOTAL AR		0.11	H. A. S. A. H. C.
BECY-2			0.55						0.11		170000				0.11			0.55	
BECY-3			0.55	11 2 Pad Late		BONE OF			0.11	E INTERNET			NE ASIMILATION		0:11		AND THE STATE OF	0.11	VIII SEE
BECY-4r			0.11						0.11						0.11			0.11	
BECY-8r			0.11		A PARTY R		A STATE OF THE REAL PROPERTY.		0.11	The state of the s				A STATE OF THE STA	0.11	SHIP SHADE	THE STATE	0.11	
BECY-12			0.11						0.11						0.11				
BECY-13	BENEFIT HE WILLIAM	TO VENT	0.11	75 12 2 10 12 10	CYCLE MAD			A PLANTAGE AND A PLAN	0.11						0.33	H 105 68	-		
BECY-14			2.75																
BECY-15 BECY-16		Service Manual	0.11	THE CHEST OF			E KENNEN		0.11						0.11			0.15	
BECY-16			0.11						0.11									0.15 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

91-11	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		8.4	0.5				No. 10 Sept	3.9	1.6	4.1		74.1			8.8	4.9			Later Andrews
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	HVE SE HER	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		1717				15.8				17.5		33.9					
Southside Grab After		2.2	2.2		14.6	TO MES	000	2.9		1.8	12.00 NT	17.4		16.2	3.7	13.9	9.1		34.3
Southside Grab		5.1	2.6		4.1			1.6	1777	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	To the Same	15.1		13.7	1.1	4.3	0.5	THE REPORT OF	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	THE PARTY OF	4.8	5.0		1.5		43.9		13.7		3.1	A DECEMBER	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
BĒČY-3	2.9		7.5	10.1	DANGE NO.	19.9	9.3		6.8		15.1		9.7	A Company	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	70-1011 - NO. 11	3.8	8.7	SUMPLEMENT OF	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	SEE BUT WAS	7.7	4.9		5.6	INSTANCE AND A	No Flow		8.1		4.5	MARKET MAKE			
BECY-14	3.6		10.3	10.3		14.6	7.4												
BECY-15	0.9	in the San San San In	0.5	1.5		0.6	1.1		1.3	880 X 10	No Flow	THE PLANTS	3.9		2.9	HAR! MAY	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	111	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)

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	
BECY-7ra Grab After		2.00				HORSEL E		Stewart St.	2.00			10 5 5 1			2.00				
BECY-7ra Grab		2.00							2.25						2.00				
BECY-9ra Grab After		2.00					SECTION FOR		2.00			12 2 2 1		2.00					2.00
BECY-9ra Grab		2.00							2.00					2.00					2.00
BMPep - Grab After		2.00	MARK TO A		internation	ELECTRICAL SE		E CONTRACTOR OF THE	2 1 1 1 1 1	SERVICE TEST	SAN DE LES	THE PROPERTY.	William Dist	2.00		STEELS WELL	Can Select		A PARTY OF THE PAR
BMPep - Grab		2.00												2.00					
Southside Grab After		2.00	State of the State			100 PM	TOTAL SALE	Carlotte Carlotte	MARKET STATES	2.00	I SHOW I THE	Supplied to the	MA STREET	2.00	The Market	Mark Street			2.00
Southside Grab		2.00								2				2					2
BECY-17a Grab After		2.00		TO ME DO	MARKET AND A				2	BLOCK TAN	PROPERTY STATE		trees of the season by	2	Elsza mien	AND A WILL	Bear All	NEW THE PARTY	2
BECY-17a Grab		2.00							2					2					2
BECY-1			2.00						2.00	Edit Call	STEP ST		Eria (el		2.00	Brain No.		2.00	
BECY-2			2.00						2.00						2.00			2.00	
5EOV 0			2.14	THE PERSON	1725	ASSESSED IN	TE SUPELINE	対しないない。	4.31	THE RESIDENCE					2.07		SO STORY	2.26	A Partition
BECY-4r			2.00						2.00						2.00			2.00	
BECY-8r			2.00	HALLS III CA	STALL WA		RESIDENCE OF THE SECOND		2.00						2.00			2.00	
BECY-12			2.00						2.07				22.00 (0.00)		2.00			W 10 - 1 - 2 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
BECY-13			2.00		EV Tennes	DI RESERVA			2.00			CHANGE OF THE PARTY		AND SERVICE DE	2.00				Self-Marie
BECY-14			10.00												5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Charles of the law law.			and the second second
BECY-15	Value of the second		2.00				San Gregoria		2.00	Chillip Wal	and in the original		CHECK THE	自然特色,等点	2.31	NEWS ESTIMATE	NEW JEEP BEE	2.00	
BECY-16		and the second	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

01-11	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		1629	113					188.6	211.4	363.0		33509.0	STORES NES	Service of the servic	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	CALL STORY OF THE SECOND	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			0 20 1 2 1	230.0		155.3					The state of the s
BMPep - Grab		151						112.8		10111111111111		244.0		156.8					
Southside Grab After		146	129		87.8	# SHEETS		82.7		220.7		8255.0	EMBINATEDE	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	MF CONTRACTO	255.0	82.1	36.4	18.6		22.0
BECY-17a Grab		30	21		9.7		117	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	20 B	22708.0		23043.0	SE CONTE	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	A STATE OF THE	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	CONTRACTOR OF THE PARTY OF THE	41.0	219.7		80.1		1574.0	7010	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	WE DESCRIPTION	113.6		No Flow		45.9		137.3		is y the said	Park	
BECY-14	46534		22704	27900.0		35034.0	37466.0			***************************************									
BECY-15	21		86	155.1		230.0	162.9		143.3		No Flow	ALL SEAL MEST	93.6	COCHEUN DE	133.7		132.7	153.8	92.3
BECY-16	971.00		115.00	126.4		135.0	142.9	11	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*

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		0.86			Will be and		CONTRACTOR		1.82		WAR STATE	The street of			2.01	REMARKS THE		Washington of the same	X-100 - Silin
BECY-7ra Grab		5.19							1.72						5.59				
BECY-9ra Grab After		1.89		BOOK HOLE					2.00					0.89					2.38
BECY-9ra Grab		2.17							5.05					1.13					1.61
BMPep - Grab After - Total	SPECIFICATION OF THE PARTY OF T	27.70	ATTEN YEAR	AT LINE STORY	STONE OF			N. WIEWASE			Note and on			29.50				7 / C. B. / S. U. S.	
BMPep - Grab After - Dissolved	13.90	8.89						219.00			HE SHOW SHOW	9.28		19.60					
BMPep - Grab		31.80	5 一 四 6 四 6	DIESCHE IN		CATALLY S	12 145 71043	ASSESSED FOR	500000			STATE OF THE	A CONTRACTOR OF STREET	36.30	E-Louise		1000		是三世帝 引作品的
Southside Grab After		2.2								1.39				2.45					2.25
Southside Grab		2.36		The state of			10 TO			2.32	entra central	THE STREET WAS AT		2.58	CATALON ON	Parkers I Br	(#1) W.T. H. (#1)	TO SEE U.S.	2.25 1.91
BECY-17a Grab After		5.73							4.85					2.46					1.60
BECY-17a Grab	型型污水重視	4.01	TA LESS						10.30			ON THE REAL PROPERTY.	The sales	2.03		O DECISION			7.06
			7.46						1.65						1.23			1.47	
BECY-1 BECY-2	ALCOHOL:		1.63			AL RESIDENCE		The Contract of the Party	3.82	1914 1919		A STATE			2.33			4.57	
IBECY-3			2.06						5.98						2.90			3.16	
BECY-4r	SCHOOL STATE	- State of the second	1.08				ACCESSION D	EN CHALL	-3.96	Water Cold		THE PERSON NAMED IN			2.42			2.31	
BECY-4r BECY-8r			2.54						9.59						1.85		and the second second	4.65	
BECY-12			2.49	Marike San			NAME OF THE PARTY	AND THESE	2.24	TANK TERM	LEEDEN THE SAME		WEST DOWNER		2.70				
BECY-13			1.26						1.04						2.81			- Interest to the second second	
BECY-14	Yet see the		11.20						WATER TO SERVE TO SER	White Mark to		to sile of the late		TO MODELLA CO		A TOP HOLD TO			
BECY-15			1.87						1.95						1.52			2.80	
BECY-16			2.74						9.57	THE SMITTHEN			ASSESSED FOR					2.04	日本三かち(た)
Pinckney Colony - Dissolved	4.87	7.05						5.93	17.80			10.60		12.20				19/19/19/19	

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

Station BECY-17a Added January 2011
Results reported in µg/L

^{&#}x27;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)

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

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		4.4	3.3	and one was the		3		10.0	5.1	5.0	THE PERSON	4.3			10.1	10.5	NI SVIETING		
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		State of	4.1				3.8	4.1		6.4		2.8	8.9	5.5	4.6	A TANAN A SE	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			Service of	UT SENSE RESERVE	THE YEAR STORY
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	T WE DOWN	3,2 6.6
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	EAU SE	SENTERNA	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	1	10.8		12.5		11.4		10.9	14.5	10.9
BECY-3	5.4	THE PARTY OF A PARTY O	TO BE A CONTROL OF	16 A F ** 12 F	WILL SECTION	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	7.0
BECY-8r	1.8	OR STATE	0.1	Name of the last		2.0	3.3		4.2		8.4		7.7		5.4	SELECT STREET	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		No bound	2.4	14.8	出售地形 主相	5.3		No Flow		3.7		6.9	Entitle of	1112	*to: 120412	
BECY-14	4.9		6.9	**		4.1	12.7												
BECY-15	12.7	Park	4.2	3.1		6.6	3.1	45年18日初日18	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	The state of the s	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.

'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

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

^{**} DO field instrument malfunction

Table 11
Year 4 Data Summary - Fecal Coliform*

24.0	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		300	1300	William Mc				500	1100	800	Rave Siller	<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			NOTAL EDI	HOUSE THE		240		H A THE		4		130	VALUE BELLIE				Market St. W.
BMPep - Grab		23				-1-1-1		110	17			4		1600					
Southside Grab After		800	1400		230	5 T 5 C	Per la	500		300	THE STREET	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	1200	900			>1600	>1600	>1600		16000		1100	9000	500	>16000	A Chair State History	3000
BECY-17a Grab		170	30	-	8			900	300	>1600		5000		500	2800	5000	5000		9000
BECY-1	700		800	1700		2800	1300	The state of the s	2200		300	The state of the	1100	50 50 M W	1700		>1.6000	5000	3000
BECY-2	300		800	800		2200	1700		1700		500		500		1300		>16000	1100	1300
BECY-3	80		>16000	500		16000	5000		2400	中国份景 区。其	230	7	40		1100		>16000	9000	5000
BECY-4r	1700		3500	800		3000	900		9000		5000		9000		1100		>16000	1300	300
BECY-8r	5000	STATE STATE	800	200		200	400	PARTY SERVICE	2300		160000	CONTRACTOR OF THE PARTY OF THE	30000		50000		>160000	4000	3000
BECY-12	1100		5000	3000		3000	2400		9000		500		>16000		9000			5711-	
BECY-13	130	HARADI H	70	40	Samuel State	23	300	Late and St	170	THE ATTEMPT OF	No Flow		5000	NAME OF STREET	500	A STATE OF THE PARTY OF THE PAR			
BECY-14	50		900	1600		3000	300							10 100 100 100					
BECY-15	300		500	1100	SAME NAME OF	5000	1700	EN Some and	2400	E VELTE IN	No Flow		80		>16000	THE REAL PROPERTY.	>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.

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

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

^{&#}x27;Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Table 12 Year 4 Data Summary - Iron (Total)

04-44	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		630							1600						970				
BECY-7ra Grab		2230							2530						1370				
BECY-9ra Grab After		550							1870					2410		DENTE PRODUCT			5570
BECY-9ra Grab		2720							2040					2070					1010
BMPep - Grab After		321					WE THE REAL PROPERTY.							361				LAND OF	
BMPep - Grab		375												386					
Southside Grab After	TENERS THE THE	405			DIK S					1160				387	San San Park				2090
Southside Grab		405								855				346					2090 1490
BECY-17a Grab After		262	以高生物学	AND SME		SHED STATE	2162119		416		III A SALUA			196					69 150
BECY-17a Grab		819							348					131					150
BECY-1	SEN ME UNITED TO		1890			Mark Sales	- WEATER	MARIN SELVEN	2400			DE NEW	EXTENSION.		1710			1770	
BECY-2			2130						2360						1530			1470	
BECY-3		Street Street	2720	Artis Francis				ST THE ST	3440		WAR AND DAY				2040	32 1	250 LANS 1	1830	
BECY-4r			1000						1550						1490			1310	
BECY-8r			668 1720	The state of the					847			PONE V			879		N MILES	1120	
BECY-12			1720				1111		2510			11 22 2 1			1740				
BECY-13			3260						982		To the same				1020		IS OF THE STATE	OF THE PARTY	
BECY-14			2300																
BECY-15	MALEYS IN A LESS	SERVICE	1340	1 2 5 1 4		W. E. S. S.			3600						2180			2690	
BECY-16		THE RESERVE OF THE PARTY OF THE	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	Jan-11 1/6/2011	Jan-11	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	Jun-11	Jul-11 7/15/2011	Jul-11 7/27/2011	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11 10/19/2011
BECY-7ra Grab After	11/5/2010	0.63	1/11/2011	1/20/2011	2/4/2011	3/1/2011	3/10/2011	3/20/2011	1.79	4/13/2011	6/16/2011	6/24/2011	7/15/2011	112112011	8/10/2011 0:78	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab		2.26		Manual State of State		de la constanta	100000000000000000000000000000000000000	The Indiana and Indiana	2.57	April 2 di la constante					0.94				
BECY-9ra Grab After		0.50		A STUDENT		WE SHEET	1037.40		0.62	1000		Secretary NEW York	HO WELL SAID	0.50		USDON TO LEGISLA	155 P. A. S. A. A. S.		0.91
BECY-9ra Grab		1.86		arty are to the second	NOTES AND PROPERTY OF THE	dead on the	STATE OF THE PARTY OF		0.87	Appendix Sylvan Personal State of the State				0.59					0.50
BMPep - Grab After		0.50	STATISTICS		Wascusto.							1000	Yes all the same	0.50	and A To Ale		Maria News St	Pare (S	
BMPep - Grab		0.50		HODE PSINSON				FID SHIPS TAYED						0.50				1000/	TO STATE OF THE PARTY OF
Southside Grab After		0.59			DESTRUCTION OF THE PARTY OF THE	St. 18		SOFT OF THE PARTY		0.50				1.05					1.25
Southside Grab	MATERIAL PROPERTY AND ADDRESS OF THE PARTY O	0.73	NAME OF TAXABLE PROPERTY.				Market Street Service Service		Almanda Santa S	0.50	of a standard			1.12			and the state of t		1.25 0.50
BECY-17a Grab After		1.51			UNTERNITOR OF	SAME INCOME	20% (a (i)		1.12			REP IN SECURITION		0.50	12-57-14-1				0.50
BECY-17a Grab	The second second second	2.95							2.10		A A III COMPANIES AND A PROPERTY OF THE PARTY OF THE PART			0.50	E/100-99-101-101-101-101-101-				1.81
BECY-1	SECOND SECOND		2.50	C S C MARKET	A Commence	THE STATE OF	nella walle	TRAINED THE	1.41				SERVICE AND A		0.73			1.01	
BECY-2			0.94			11/161			0.88			HOLINE SERVICES		THE RESIDENCE OF THE PARTY OF T	0.50		NAME AND ADDRESS OF THE OWNER, TH	0.50	
BECY-3			1.21		35 37K 15 37				2.12	EVICE HIGH	of the Barrier	Marous III		ALC: NAME:	0.84			1.23	
BECY-3 BECY-4r			0.50	and the second					0.85						0.50			0.72	
BECY-8r			1.18				The state of the s		1.95	THE WEST STORY	THE STATE OF				0.50	A SALES OF SALES		2.50	
BECY-12	NAME OF TAXABLE PARTY.		1.60						2.03						1.27	the second			
BECY-13			0.97	MID SECTION OF			Street Of the		0.51					WE TO WATER	2.60				
BECY-14	A STATE OF THE STA		2.50																
BECY-15	IN STREET WELLS CO		0.53	N. P. S. Hall S.		VERSICIAL	S. E. L. D. E.	SEE SEE	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	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After		5.3							35.7	Charles I Selection					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	TO SERVED IN THE	8.0												12.2					
BMPep - Grab		8.3												18.2					
Southside Grab After		27.3	12.750.5074				A VIEW BOOK		THE PLANE	103.0	ENTERING R	IN HEIGHT TO THE	MARCHAI	7.7		SAME COM			51.7
Southside Grab		58.6								52.0				7.7					68.1
BECY-17a Grab After		16.7							44.2		COMPLET.			31.9	SHE CLAS		Har CHILLY THE	TO SHEET WAY	5.8
BECY-17a Grab		17.9							37.4					22.1		. 311-10-11			12.5
BECY-1			71.1						98.5						68.1	The Party	THE PERSON	64.8	THE REAL PROPERTY.
BECY-2			143.0						65.2						59.2			58.5	11-0-5-1-0-
BĒČY-3	HANDON RIVERS		94.3						86.2	建筑设置	UNION BUTTON				85.3			99.1	
BECY-4r			57.1						63.1						36.9			37.8	
BECY-8r		WE THE TEN	15.2		SECTION				43.5	MES A SEL	HEER MEER LE				43.7	and the same		26.7	
BECY-12			77.0						116.0						181.0				
BECY-13	A KIND OF THE	THE REAL PROPERTY.	62.2		FIELD CO.	Carried Lags		MENTER SHAPE	15.8	DEPLOY OF THE			BENEFIT OF		48.7	1		CHARLES THE STATE OF THE STATE	
BECY-14			119.0																
BECY-15			49.5	001370			100 Test (10 Test	ESTEN III	138.0			10-15-50			89.4		AND DESCRIPTION OF THE PERSON	81.6	STATES AND A
BECY-16			33.1						59.3		-11							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)

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	
BECY-7ra Grab After		0.070		S CHILDREN	12 18 2 10				0.066	200				TONK!	0.066		The second		
BECY-7ra Grab		0.067							0.066						0.066				
BECY-9ra Grab After		0.076							0.066					0.066			45 30 14 5 16		0.066
BECY-9ra Grab		0.075							0.066					0.070					0.066
BMPep - Grab After		0.080												0.066		PKO PARIL			
BMPep - Grab		0.084												0.066					
Southside Grab After		0.075							A The Field	0.066	ROLL MINES	THE REAL PROPERTY.	HOTHERDS.	0.066	SECTION COME				0.066
Southside Grab		0.078								0.066				0.066				metal and an address of the second	0.066
BECY-17a Grab After		0.074							0.066		THE REAL PROPERTY.	Secure Si		0.066			NEWS STREET	2 4 5 5	0.066
BECY-17a Grab		0.087							0.066					0.066					0.066
BECY-1			0.066	1-1-1					0.066			1	a la la comercia		0.066	BAN SOFTEN	Was Estate	0.066	OF ALCOHOLD
BECY-2			0.066						0.066						0.066			0.066	
BECY-3			0.066		MEN BUREA	US INCHES			0.066		THE RESERVE				0.066			0.066	75775701
BECY-4r			0.066					- Hearth Har	0.066						0.066			0.066	
BECY-8r		Sant State	0.066	THE RESERVE	A STATE OF THE STA	ALL STATE		MARKET STATE	0.066		HEROTOPIA	F 2 18 18 18 18 18 18 18 18 18 18 18 18 18			0.066			0.066	SASSING AND
BECY-12			0.066			-11700-110			0.066						0.066				-
BECY-13			0.066						0.066		ALEBONIC CHOIC		MAL GOLD	EN STREET	0.066		Fin Harrison		
BECY-14			0.066																
BECY-15	THE REAL PROPERTY.	8-4-00-1	0.066			PART OF THE			0.066			NEW STATES			0.066			0.066	
BECY-16			0.066						0.066								7-1-1	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	17,57,2010	1.31	171112011	172.072011	2,4,2011	0,1,2011	0/10/2011	O/LO/LOTT	1.45	471072011	0/10/2011	072-472-011	771372011	772772011	1.01	0/10/2011	3/21/2011	10/14/2011	10/13/2011
BECY-7ra Grab	The state of the s	12.50							1.89					NAME OF TAXABLE PARTY.	11.90		COMPANY DAMAGE RELIGIO		
BECY-9ra Grab After		2.05				9	TO THE REAL PROPERTY.		1.20	United Parking	See See	Add The same		1.50	ATTENDED TO		Navi Pasis		1.77
BECY-9ra Grab		1.58							2.02					2.28					0.98
BMPep - Grab After		0.78								100000				0.50	The second	A TENEDA		100	THE RESERVE
BMPep - Grab	NEW AND PARTY OF THE PARTY OF T	88.0		and a property of the second				Part of Continues						0.58					-
Southside Grab After		1.20	SALE SHE			SHEET WAR	THE SHE		THE DESIGNATION OF THE PARTY OF	1.07			The state of the s	0.61		A STATE OF THE STA		State State	2.10
Southside Grab		1.83								1.18		100000000000000000000000000000000000000		0.61					2.10 1.91
BECY-17a Grab After	EN EN STEELS IS	2.02		O SERVICE DE LA COMPANION DE L		DE ESTADO	MENANE	C. MINER	1.52		N. S.			0.97					
BECY-17a Grab		1.05							2.05					0.75				A PLANTAGE AND A STATE OF THE PARTY OF THE P	0.50 1.03
BECY-1	All Seat March	THE REAL PROPERTY.	11.40	TO DESCRIPTION OF				1000	1.55	HETE STEEL HEED	MESSES BUILD				1.58		STATE OF THE PARTY	1.78	
BECY-2			2.21						1.90						1.35			4.70	
BECY-3			6.63	A TONINE TO	a Maria			A START	3.90						2.11			2.79	ALL SECTION AND ADDRESS OF THE PARTY.
BECY-4r			1.32						1.48						1.27			1.62	
BECY-8r	THE BUILDING THE STATE OF THE S	THE RESERVE	1.36			a Williams	AT A SALE OF THE		1.67	TO CONTENT				AND THE REAL PROPERTY.	0.88	Medical Control		1.34	
BECY-12			2.51						3.01						3.40				
BECY-13	· · · · · · · · · · · · · · · · · · ·	STUDY HE	1.39						1.05			The Day			2.32	new ine		STATE OF STREET	
BECY-14			2.40																
BECY-15	Spirate and sinks		1.29	A CHESTAN	SUM FIELDS			BE CHELLER	2.31						0.97	WALK SHIPS	AND WAS	1.71	
BECY-16			0.97						1.22						The state of the s			1.71	

'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)

Otation	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	A pr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After	Birth Company	0.06	0.17		451		THE REAL PROPERTY.	0.21	0.57	0.59		0.01			0.01	0.03	21-11		
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		Day of the		THE WAY		0.46	mssile sale	The second		0.01		0.116					
BMPep - Grab		0.12		111				0.49				0.01		0.050					
Southside Grab After		0.08	0.08	and Stanks	0.10		ALL DE ANEXY	0.01	TOTAL CONTRACTOR	0.01		0.01	TALENGT RE	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	Tan Marine	0.15			0.01	0.12	0.01	or the last	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	RELEASE	0.05	0.05		0.01	0.01		0.01	1000	0.01	21 S 1	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	NEW THE PROPERTY.	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	Mile State	0.07	0.08		0.01	0.01		0.25		0.07	A STATE OF THE STA	0.17	MEDICAL STREET	0.01	REFEREN	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			The second secon	
BECY-13	1.13		0.37	0.23	an experience	0.05	0.44	ENDING VENERO	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	The Allendaria	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*

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	
BECY-7ra Grab After		7.5	7.1					7.2	7.0	7.1	Santa Santa N	7.5	U.Shiring and	Was Silling	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	The State of the S	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		THE RESERVE				7.6	9/50 14 9/2			8.1		8.1	Augustinian in the			2.5	
BMPep - Grab	2	8.1						7.6				8.2		8.2					
Southside Grab After		7.5	8.9	SEATON WATER	6.9	OTHER DESIGNATION		6.8		6.8	PERMISSING	7.4	M. ASIGNI	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	AND THE PROPERTY OF	7.5			6.6	6.9	6.3	Service Miles	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	Mary Control	7.1	7.6	A STATE OF THE STA	6.9	WIND A PARK	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	15 12 E	7.5	7.1		6.7		7.6	1000	7.3		7.1	S Inches	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	THE RESERVE	7.1	7.0		6.7	7.1		6.9		7.9		7.6		7.4	The state of the s	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	THE RESERVE OF THE PERSON NAMED IN			
BECY-13	6.4		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												MANUAL INC. ASSESSMENT
BECY-15	7.9	THE PARTY OF THE	6.8	6.8		6.9	6.8		7.0	THE CONTRACTORS	No Flow		6.9		7.4	(LE)	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.

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

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

^{&#}x27;Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

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

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After	· THE TANK THE PARTY OF THE PA	0.05	0.14			AN SEVERE		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		(D) (联) 号 (项		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	S HALL S	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	ing state of the	0.18	0.20	0.34	0.08	e o partie	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	THE STATE SERVICE	0.10	0.12		0.18	0.15	HAND TO STATE OF	0.08		0.08	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.17		0.18	TO STATE OF THE STATE OF	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	TEL SHOW THE	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	78 5 5 3 3 1	0.11		0.29		0.23	ALC: NO PERSON	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	EASEN DESCRIPTION	0.18		No Flow		0.14		0.05	To The Park I'v	STATE OF THE STATE	MATERIAL PROPERTY.	
BECY-14	0.12		0.07	0.15		0.66	0.08												
BECY-15	1.17		0.33	0.41	100 12 13	0.95	0.52		0.66		No Flow	TO THE WAY	0.84		0.41		1.00	0.93	0.79
BECY-16	0.14		0.04	0.16		0.11	0.10		0.08	-1-	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.

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

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

^{&#}x27;Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

Table 20 Year 4 Data Summary - Salinity

2	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After	HE WASHINGTON THE RESERVE	1.0	1.0	A SECOND SECOND	ESSA TOP	BENSHWED!	ON THE STATE OF	1.0	1.0	1.0		25.6			1.0	1.0			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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	THE STATE OF			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
BMPep - Grab After	1.0	1.0					11 /2 法 11	1.0	1814			1.0		1.0		1 CAR 1	and the state of		Z572 T024 075
BMPep - Grab		1.0						1.0				1.0		1.0					
Southside Grab After		1.0	1.0	SERVICE THE	1.0	A RESIST	44 AM	1.0		1.0		5.8		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	15 4 4 5	1.0		BINGS BERNING	1.0	1.0	1.0		2.3		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
BECY-1	31.0	217255Hm	18.6	1.0		1.0	1.0		1.0	NA COLUMN ST	16.9		17:0	THE BOUSE	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	The same of the sa	1.2	8.1	1.0
BECY-3	32.5		6.5	1.0		1.0	2.3	THE PART OF	1.5	The same of	32.4	HERO ITMINISTRA	32.3	THE RESIDENCE	1.3		2.9	1.4	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
BECY-8r	3.6	PER ANALYS	1.0	1.0		1.0	1.0	NATIONAL WAR	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		ASM STO		
BECY-14	31.0		28.7	22.8		23.9	.26.3												
BECY-15	1.0	MAGNETHE !	1.0	1.0	ZELIV. LESS	1.0	1.0	LOS BARRIOS	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

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	
BECY-7ra Grab After		8.4	4.0			Constant Control		11.1	17.1	17.5		26.4			25.8	24.2			PART TO STATE OF THE PART OF T
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	ANTENNA PROFES	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	21.6 22.9
BECY-3	17.3	T Thie has	4.3	11.3	WALLES !	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	The Date	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	Water Spirit	No Flow		24.4		24.8	DATE OF THE PARTY.	DEOCUE DE		
BECY-14	17.6		4.6	11.4		18.4	16.7												
BECY-15	11.4		5.1	11.0		16.3	15.4	ESCHOOL STATE	16.6		No Flow	32011-1030 Ear	24:6	THE CHARGE	24.8	Carlington Pro-	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)

24-41	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After	CONTRACTOR CONT	0.39	0.77	LIFE CO. WINDS	HIROSHI SAIR	STATE OF STATE	Technical Control	0.72	0.25	0.59	A SECTION AS	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		THE RESERVE OF THE PARTY OF THE	The second second
BECY-9ra Grab After		0.39		0.33	0.38			ALC: NO FEMALES	0.32	0.13	Altonia 2	2.29		1.19	0.46	1.40	0.42	Was a second	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			No.	0.95	STATE OF THE PARTY OF	0.71	Marie and		THE WATER		
BMPep - Grab		1.25						1.33	Development of the last			1.36		1.53					
Southside Grab After		0.58	0.57	ALLS BESIDE	0.63	TO SHORE		0.85		1.19		1.55		0.63	1.20	1.40	0.96	A STATE OF	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	Sales of the sales	0.05	CONTRACTO	SERVICE SALE	2.18	1.19	2.56		2.64	ALC: NO.	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	SHOW SE	0.03	0.51		1.00	1.08	ADEL STATE	0.04		0.54	37 6 11 05	0.39	ALATERIE VARS	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	I Maria Salas	1.21	0.87	DESCRIPTION OF	0.65	REVISION S	0.83		0.82	WATER STATE	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	SHIPA BY	0.43	0.38		1.12	1.07		0.77		1.61		0.59	The lates	0.63	ALC: NO.	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	EVALUE DA	0.71	0.66		0.60	0.55		0.42		No Flow		0.62	12 12 12 12 12 1	0.56				Wilder Color
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	HE SOME AV	No Flow		0.54		0.10		1.73	1,14	0.86
BECY-16	0.60		0.53	0.76		0.85	0.61	1 1 2 1 2 1 1 1 1	0.04		1.13	The second secon	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.

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

^{&#}x27;Grab After' refers to a sample collected from water source at the time of sample pick-up from automatic sampler

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

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	
BECY-7ra Grab After		8.97				SIZE INC.			12.50	A 18 P. C.		The Nation		70 70 70 70 70 70	10.60		ALCOHOL: STATE	(Tyrisal Issuer)	
BECY-7ra Grab		4.17							11.30						5.09				
BECY-9ra Grab After		7.05		AW IS SHIP SH	is all tallet			EAST OF THE PARTY	10.60			Market Sale		13.10					14.20
BECY-9ra Grab		8.36							14.30					18.10					9.53
BMPep - Grab After	CONTRACTOR CONTRACTOR	5.36		THE WORLD	THE PARTY OF	AND THE PARTY OF THE	Section .	# 31 SX SX	OALES DE		CANADA BAR			10.80					YALES SAN
BMPep - Grab		5.16												15.10			The second second		
Southside Grab After		8.26			PER SECURIOR		A STATE OF	STATE OF STREET	III di me male	7.54	REAL VACUUM			8.70		No contraction		HE HOLD AND	19.10
Southside Grab		9.35								7.74				7.68					11.70
BECY-17a Grab After	HERE ENGLISHED	7.21	AVE BOOK	1200					27.10	T-0.4754	25 AS 14 M	NE STILL COME		9.50	COST NO. OF THE	an erda anasar	OWNER BOW		13.80
BECY-17a Grab	4	14.10							34.00					8.47					11.50
BECY-1			1.82			100	MESIES DISS		23.80			STATE OF			26.70		Call with sace	19.10	
BECY-2			10.60						15.70						24.80			9.79	
BECY-3			4.54		WAR BUILDING		TO DESCRIPTION	SISSEAM	19.70	100000					20.30	C CONTRACTOR		18.10	VIII SEMESTER
BECY-4r	7/1-20/12/20/20/20		16.70						24.40						31.40			20.50	
BECY-8r			8.11		College Co.		What E days	MALE TRANS	14.40	M. W. Just L.		HORSE VON SEL		BE MEANADE	9.29			6.14	
BECY-12			18.80						22.30						18.20			Alam	and the same of the same
BECY-13			14.80			No.	70 TENEDO	Michigan An	9.74	E MESTERN	Desiration of		达 里 10.29-50		10.20			MAN THE REAL PROPERTY.	
BECY-14			1.85										112						
BECY-15			18.80		Ship in	1149, 116			19.90		The market of	ME ALBITE		DON'T ALEXA	24.30		经国际总型 任	28.40	TAMES TO ME STATE OF
BECY-16			11.20						19.40				117		1000000			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)

01-11-	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7rá Grab After		12.3	34.8	San	-			53.2	28.4	8.0		29.9	200		8.0	16.3			
BECY-7ra Grab		90.0	7.4					60.3	43.6	8.0		50.0	manufactured projection		3.0	37.6			Control of the last
BECY-9ra Grab After		14.6		2.8	8.3	A West		No.	10.8	19.2	The state of the s	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 19.2		20.0		15.8	22.0	22.0	39.2		5.2
BMPep - Grab After	12.0	23.6					STEP STATE	6.4			KERSTO WATER	7.5	NIE BERLE	7.2	S TELEPES			Et VALUE I	Gaussia Caronia
BMPep - Grab		24.8			MATERIAL PROPERTY.			6.0				9.2		17.4					
Southside Grab After	THE DEVALUE	4.4	5.2		30.4			8.4	Laure Tar ette	10.2	August 19	17.8	AL SHEET WAY	10.2	5.7	14.0	12.6	A RISA MAKE	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	THE STATE OF THE	2.2	LEWENNES		28.0	19.6	18.8		13.8	A STATE OF THE REAL PROPERTY.	5.2			2.0	Walter Valent	5.2
BECY-17a Grab		32.0	14.4		18.0			28.7	68.6	15.5		16.2		31.0	5.7 5.7	3.8 6.0	2.0 23.0		16.4
BECY-1	13,6	STATE OF THE	9.0	13.2		30.0	10.4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	26.8	NI DALINATIA	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	SYNC SUCCES	36.0	61.6	Para la	121.0	58.8		118.0		51.6	MING OF STREET	80.3	ESUNCE AND ES	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	-,21/2/11/	6.0		66.5	14.8	4.8
BECY-8r	7.2		13.6	3.2		9.6	36.6		12.4	Chicken Are	20.8		13.6	THE R. P.	18.0	AND SHOUTE	22.4	4.8	4.4
BECY-12	24.0	Carlotte Co.	14.0	11.2		11.6	15.4		35.6		55.4		72.7		36.0		Color Carlo Carlo Carlo		
BECY-13	110.0		11.0	2.2		10.0	14.2		27.2		No Flow	THE RESERVE	5.2	Part of the	21.0	Table History	HAVE BOOK		THE PARTY OF THE P
BECY-14	20.0	- THE STATE OF THE	18.0	33.2	200	168.0	42.0				.,		1						
BECY-15	8.8	NAME OF THE PARTY	2.6	4.8		8.8	8.0		24.4		No Flow	De Fari	32.8	100	13.0		86.0	24.5	14.0
BECY-16	40.0		6.4	10.0		10.0	18.6	3011	16.4		12.8		7.2		10.0	100	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

	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	10/19/2011
BECY-7ra Grab After	AND STUDIOL AND STREET	8.0	20.0			STELL		46.1	65.4	25.3		39.3		ab encollection	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	HE CAN DESCRIPTION				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	AND THE PARTY OF					26.8	SHIELD NAME.			22.4		25.6					THAT STEEL
BMPep - Grab		13.9						35.8				25.8		33.4					
Southside Grab After	TO SULTE IN THE	8.2	9.6	Area and a second				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 27.8		34.7
BECY-17a Grab After		13.9	7.8	3 mg 3 mg 200			100 mm (100 mm)	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	SALET FEBRUARY	14.1	38.8		86.7	73.5		97.4		43.6		80.7		55.4	STATE OF STATE	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	RAPINE RIVER	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	NICE DESCRIPTION	14.4	9.7	and feathers and the	15.7	24.7		34.7	世界。 深蓝 电	No Flow	THE COLUMN	33.8		39,9	Current de			
BECY-14	12.6		10.1	22.7		105.4	39.5				CANAL TANKS				WARRIED TO SERVICE				
BECY-15	21.5		7.8	12.0		22.7	25.7	7345 70	42.7	SERVICE	No Flow		53.0		40.6	E HVISTORIA	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 Turbidty Units

Table 26 Year 4 Data Summary - Zinc (Total)

Station	Nov-10	Jan-11	Jan-11	Jan-11	Feb-11	Mar-11	Mar-11	Mar-11	Apr-11	Apr-11	Jun-11	Jun-11	Jul-11	Jul-11	Aug-11	Aug-11	Sep-11	Oct-11	Oct-11
Station	11/5/2010	1/6/2011	1/11/2011	1/26/2011	2/4/2011	3/1/2011	3/10/2011	3/28/2011	4/6/2011	4/13/2011	6/16/2011	6/24/2011	7/15/2011	7/27/2011	8/10/2011	8/18/2011	9/21/2011	10/14/2011	
BECY-7ra Grab After		8.5							12.1	i i za ilanti				all Newscond	10.1		E STATE OF		
BECY-7ra Grab		17.5							9.1						24.0				and the last of th
BECY-9ra Grab After		18.6				LA SE MINE		Sel Digital Se	11.5	Harris S. S. S.				5.3		A PARKET MEDI		SEE	18.3
BECY-9ra Grab		21.0							25.2					6.9					7.8
BMPep - Grab After	22.2	3.5			The section of			Park Carried				87452X25539	S No. 1	3.5	STATE OF STATE OF		SUPA INCOME	SECTION ASSESSMENT	
BMPep - Grab		3.5			THE REST LEVEL OF THE		OTHER DESIGNATION AND ADDRESS OF	White the same of						3.5	HI HI				
Southside Grab After		6.5	DESCRIPTION OF THE PERSON OF T	CHEKO H	- COUNTRY		A LUN AND			27.8				11.8	TOTAL BA	Contract (12.9
Southside Grab		14.5								4.0	111111111111111111111111111111111111111			10.9		-			8.6
BECY-17a Grab After	150 14 4 10 20 10 8	30.9	TO DESCRIPTION OF THE PARTY OF				STATE OF STREET	Talle ASL	19.6		GIVE			19.1	transfer to the same to		SWATE IS	- IN THE WHERE	
BECY-17a Grab		40.1							51.9		STATE OF THE PARTY			11.3	Control of the Contro				10.6
BECY-1	3.3	THE PROPERTY OF THE PARTY OF TH	17.5	KONIS SENIV		EN EINT E	Sup	W ENGLISHED	5.1			S.A. B. MI			5.0			5.7	
BECY-2	3.4		6.3						5.1			and the second second second second		the best to the same party.	3.5			6.6	
BECY-3	2.9 2.3		17.5		CERTAIN				8.3	EVENTS IN		CENTRONIA	AND STREET	* 1 1 1 1 1	5.0		M. E. Status	6.2	
BECY-4r	2.3		5.4						5.1						5.2			4.7	
BECY-8r	2.0	EXABLE 1	25.2	STATE OF LIVE					33.4	es de noie de	V SECTIONS		STATE OF THE PARTY OF	and auction of	13.0		ALCO AND A	41.2	SUDMINE DE
BECY-12	21.8		9.8		Later and the Control of the Control				3.6						7.1		100000000000000000000000000000000000000	and the second second	
BECY-13	3.7	MELLY AND THE	6.0	MARKET	SERVER BY	Low line			3.6	The Name	W. S. W.	State Bullion Inch.	and the		15.3	CA TEST LEGS	THE PERSON	T STATE OF	to the second
BECY-14	3.6		21.6				The second secon		11906		and the same		100000000000000000000000000000000000000			THE RESERVE			- Device
BECY-15	0.9		15.7	74 CUE 1	25 0 7 3 7				20.1			TOTAL STATE			3.5	Barrier Toyota		11.5	ALIVOS BUSINESS
BECY-16	3.2		3.5		The second second second		Contract Property		3.5									3.7	A STATE OF THE PARTY OF THE PAR

'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