

STORMWATER MANAGEMENT PLAN (SWMP)

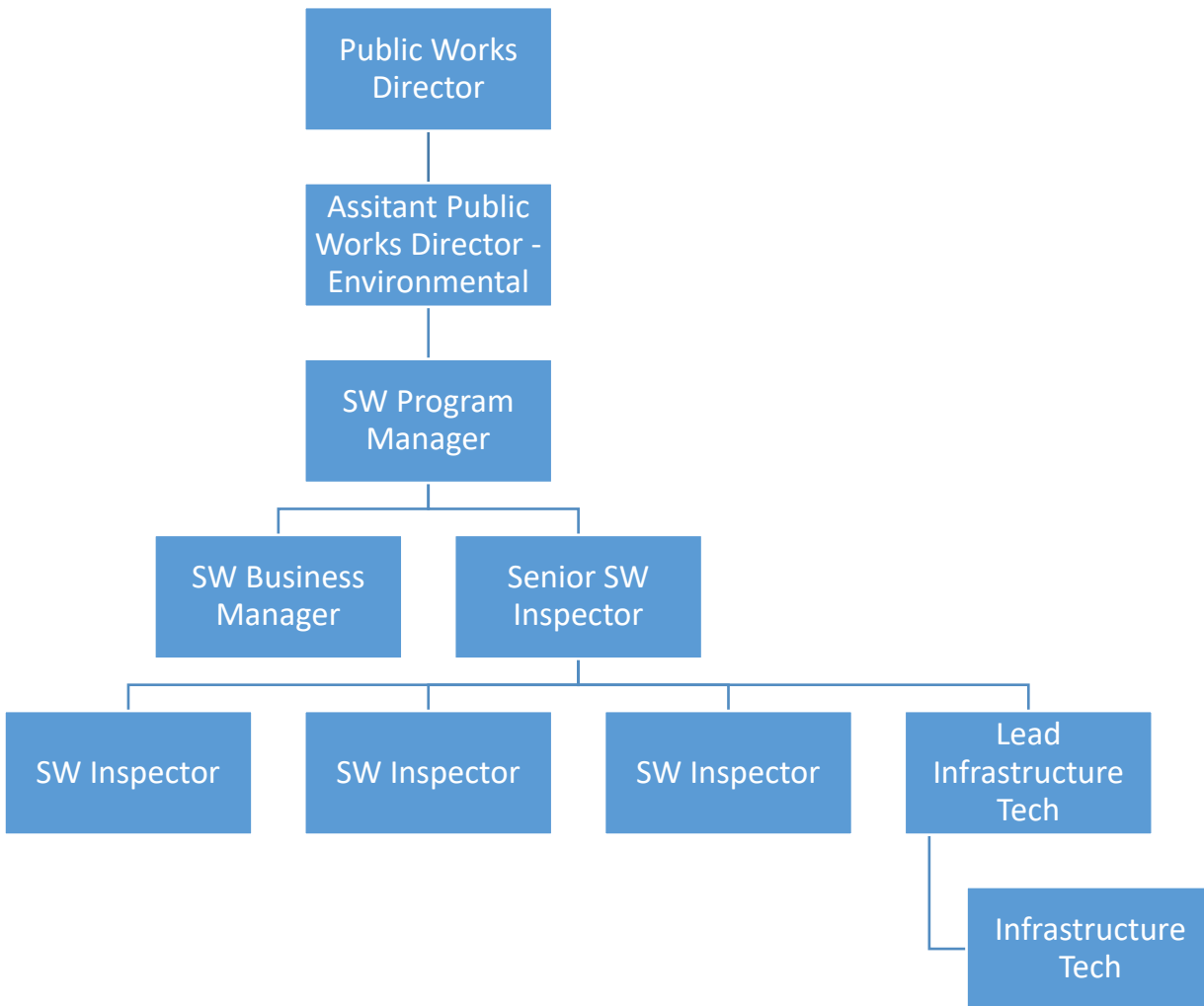
Prepared in accordance with SCDHEC Permit (SCR030000)



April 24, 2024

**Beaufort County
120 Shanklin Road
Beaufort, South Carolina
843-255-2805**

Organizational Chart



**PART I
ADMINISTRATIVE INFORMATION**

Name of municipal entity / tribe / state agency / federal agency / or public institution that owns / operates a small MS4:

Beaufort County
MS4

SCR030000
NPDES Small MS4 Permit Coverage Number

John Robinson Eric Greenway
Responsible Elected Official or Officer

Interim County Administrator
Title

100 Ribaut Road	Beaufort	SC	29902
Street Address	City	State	Zip Code

Indicate whether the SMS4 is a:

<input checked="" type="checkbox"/>	Municipal Entity
<input type="checkbox"/>	Tribe
<input type="checkbox"/>	State Agency
<input type="checkbox"/>	Federal Agency
<input type="checkbox"/>	Other Public Institution: _____

PROGRAM CONTACT	TECHNICAL CONTACT
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Taylor Brewer Katie Herrera
Name
taylor.brewer@bcgov.net kherrera@bcgov.net
Email Address
(843) 255-2829
Phone Number

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Name
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Email Address
(843) 255-2829
Phone Number

**PART II
SMS4 INFORMATION**

**ITEM A
MS4 SYSTEM**

Urbanized Area (UA), or Core Municipality (if the SMS4 is not located in an UA)	Beaufort County, SC
Latitude and Longitude of the center of the SMS4	32° 14' 50" N, 80° 50' 19" W
Jurisdiction in square miles within current corporate boundaries:	≈ 71 sq miles (Black Outline)
Area of additional urban growth boundary: <input type="checkbox"/>	≈ 51 sq miles (Orange Outline)
The permit will be used to regulate the:	UA portions, as follows (Counties only):
<input checked="" type="checkbox"/> Entire Jurisdiction	Unincorporated Area ≈ 596 sq miles
Total Area: <u>596 sq. miles</u>	Unincorporated, Urbanized Area ≈ 71 sq miles (Black Outline)

Other potential MS4s adjacent to Urbanized Area within Beaufort County:

1. Town of Hilton Head Island, SC
2. Town of Bluffton, SC
3. SCDOT
4. University of SC, Beaufort New River Campus
5. Parris Island
6. MCAS

**ITEM B
STORM DRAINAGE INFRASTRUCTURE**

Give figures for the following features of stormwater drainage infrastructure. For a county government, indicate whether the figures represent the entire county or only the urbanized area. Figures for length and number of culverts and catch basins may be rough estimates. **Figures represent the entire County**

Entire Jurisdiction	≈ 596 sq. miles (Beaufort Co. is 732 sq. miles including other MS4 jurisdictions including military bases, Towns, and City.) <u>(Beaufort County)</u>	Urbanized Area(s)	≈ 71 sq miles	COUNTIES ONLY
Storm Sewers	≈ 528,000 Feet	Open Ditches	≈ 10,560,000 Feet	
Culverts	Included in Storm Sewers	Catch Basins	≈ 12,000	
Retention and / or Detention Basins	≈ 1,000			

**ITEM C
STATE THE FOLLOWING, INCLUDE ITEMS IN A COPY OF THE SMS4 MOST CURRENT MAP AS POSSIBLE**

Zoned areas for commercial or industrial activity	<u>No Change</u>	State vocational, technical, college or universities	<u>No Change</u>
Actual areas of commercial or industrial activity	<u>No Change</u>	Federal vocational, technical, college or universities	<u>No Change</u>
Other municipally owned/operated industrial activities	<u>No Change</u>	City Roads	<u>No Change</u>
Municipal or County Wastewater Treatment Plants	<u>No Change</u>	County Roads	<u>No Change</u>
Vehicle Fleet Maintenance Centers	<u>No Change</u>	Perennial and intermittent streams	<u>No Change</u>
Power Plants	<u>No Change</u>	Topography or Drainage Patterns	<u>No Change</u>
Airports	<u>No Change</u>	Landfills (Garbage Convenience Stations)	<u>No Change</u>
Military Installations	<u>No Change</u>	Indian Country lands, if any	<u>No Change</u>
	<u>No Change</u>	Drainage Pipe and Structures	<u>No Change</u>

**ITEM D
IDENTIFYING IMPAIRED STREAMS AND ALL SENSITIVE WATER BODIES**

Identify water bodies (located throughout the SMS4 jurisdiction or extending one mile beyond the SMS4 service boundaries if cost effective) listed in Part 3 of the permit. Impairments, indicating the nature of pollution (cause) and their sources should be listed below. Visit: <http://www.scdhec.gov/tmdl>

STREAM NAME	WQMS	Impairment(s)
See list of water bodies on the 2018 303(d) List for Beaufort County, located in the 2021 Annual MS4 report, Section 1.C.		

ITEM E
HAS THE STATE OR EPA ISSUED A TDML FOR ANY STREAMS LOCATED THROUGHOUT THE SMS4 JURISDICTION OR EXTENDING ONE MILE BEYOND THE SMS4 SERVICE BOUNDARY?

Yes No If yes, list stream, WQMS, and parameter(s) of concern, visit: <http://www.scdhec.gov/tmdl>:

STREAM	WQMS and PARAMETERS OF CONCERN
Okatie River	Shellfish Sites: 18-07, 18-08, 18-16, 18-17; Fecal Coliform
Chechessee Creek	Shellfish Sites: 18-03, 18-09, 18-10, 18-11: Fecal Coliform
Beaufort River	Sites: MD-001, MD-002, MD-003, MD-004, RO-02003; Dissolved Oxygen
Capers Creek	Shellfish Site: 15-20
Habersham Creek	Shellfish Site: 17-16A

**PART 3
STORMWATER MASTER PLAN**

**SECTION 1
PUBLIC EDUCATION**

SECTION ONE

TABLE 1: BMP MEASURABLE GOALS AND IMPLEMENTATION MILESTONES

	Name	DESCRIPTION
A.	Identify Target Pollutants & Audience Messages	Beaufort County POC are; Bacteria, sediment, nutrients, litter, metals, hydrocarbons, pesticides and other that may be identified.
B.	Brochures	Create and distribute target audience based brochures on SW management & pollution protection
C.	Website	Create a standalone SW Website that provided all audiences with quick access to SW pollution prevention information. Update current "SW Kiosks"
D.	Event Participation	Trained staff will attend local events (e.g. Water Festival), will have a display station for face to face contact with public on SW quality goals and objectives and will have information for distribution
E.	School SW Programs	Develop various school curriculum for Elementary, Middle and High School level science programs that can be presented by teachers and/or County SW staff
F.	Community Surveys	Conduct Community wide surveys to gauge the public's knowledge of Stormwater issues
G.	Public Input	Provide opportunities via website or public meetings to citizen input on Stormwater issues
H.	LSP Strategic Plan	Support and implement the Lowcountry Stormwater Partners (LSP) regional stormwater outreach plan through Carolina Clear/Clemson. The outreach plan encompasses the activities and audiences identified in BMPs A-G above. Beginning in year 3, the County will implement public education and outreach primarily through the LSP initiative to be consistent with other MS4s in Beaufort County, to streamline reporting and to adapt to local needs more effectively.

TABLE 2: ADMINISTRATIVE INFORMATION

PRIMARY CONTACT	POSITION OR TITLE
Taylor Brewer Katie Herrera	Stormwater Program Manager
OTHER DEPARTMENT	ROLE
GOVERNMENT ENTITY	ROLE
Beaufort County SW Utility	Primary Responsible Party

OTHER INSTITUTION	ROLE
Carolina Clear/Clemson	Primary provider of Public Education services as a contractor to the County
County	Events
EQUIPMENT NEEDS (IF APPLICABLE)	
NA	
GROUP	TARGET DESCRIPTION
Carolina Clear/Clemson	Carolina Clear will assist in educating citizens about the impacts of stormwater and means to improve stormwater management and since this program provides outreach opportunities to address a broad range of water quality issues including the impact of stormwater on natural resources, Clemson and the County will collaborate to address stormwater public education and outreach and public involvement/participation. Carolina Clear is a comprehensive approach developed by Clemson University Cooperative Extension Service (CUCES) to inform and educate communities about, among other issues, water quality, water quantity, and the cumulative effects of stormwater. Carolina Clear addresses the special significance of South Carolina's water resources and the role these resources play in enhancing the state's economy, environmental health, and overall quality of life.

**ADDENDUM
TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**
These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION ONE

TABLE 3: BEST MANAGEMENT PRACTICES

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year. Also, certain BMPs - e.g., an ordinance - should be put in place within one year.

BMP A	MEASURABLE GOALS AND MILESTONES
Goals	Identify Target Pollutants & Audience Messages
Milestone Year 1	Clemson will lead a regional effort that includes strategic identification of behaviors and pollutants that can be addressed through stormwater education programming; implementation of an outreach campaign that seeks to address target behaviors, pollutants, and audiences; website presence and information made available to the public about pollution prevention; annual data report regarding program activities.
Milestone Year 2	Identified possible causes and sources of pollutants.
Milestone Year 3	Began developing target audiences to reach with stormwater pollution messages and educational materials
Milestone Year 4	Development of 5 year strategic plan. Continued to develop target audiences and educational materials.
Milestone Year 5	Implemented 5 year strategic plan.
Milestone Year 6	Implemented 5 year strategic plan.
Milestone Year 7	Implemented 5 year strategic plan
Milestone Year 8	Developed new 5 year strategic plan. Continued to develop target audiences and educational materials.
Goal for Year 9	Implement 5 year strategic plan

BMP B	MEASURABLE GOALS AND MILESTONES
Goals	Distribution of SW Pollution Prevention Brochures to the public
Milestone Year 1	Created SW Pollution Prevention target audience brochures (e.g. general public, sportsmen, etc.). Develop a portable SW display booth
Milestone Year 2	Participated as a partner when possible at public events (festivals, etc.), set up booth and man, distributed audience specific brochures- Goal to reach an additional 1,000 people with SW education.
Milestone Year 3	Participated as a partner when possible at public events (festivals, etc.), set up booth and man, distributed audience specific brochures. Goal to reach an additional 1,000 people with SW education.
Milestone Year 4	Participated as a partner when possible at public events (festivals, etc.), set up booth and man, distributed audience specific brochures- Goal to reach an additional 1,000 people with SW education.
Milestone Year 5	Participated as a partner when possible at public events (festivals, etc.), set up booth and man, distribute audience specific brochures until onset of Covid 19 restrictions.
Milestone Year 6	Participated as a partner when possible at public events (festivals, etc.), set up booth and man, distributed audience specific brochures- Goal to reach an additional 1,000 people with SW education
Milestone Year 7	Participated as a partner when possible at public events (festivals, etc.), set up booth and man, distributed audience specific brochures- Goal to reach an additional 1,000 people with SW education
Milestone Year 8	Participated as a partner when possible at public events (festivals, etc.), set up booth and man, distributed audience specific brochures- Goal to reach an additional 1,000 people with SW education
Goal for Year 9	Participate as a partner when possible at public events (festivals, etc.), set up booth and man, distributed audience specific brochures- Goal to reach an additional 1,000 people with SW education
BMP C	MEASURABLE GOALS AND MILESTONES
Goals	Create an interactive Website, with standalone citizen report and complaint link and continue to use the existing stormwater educational kiosks
Milestone Year 1	Clemson University/Carolina Clear and Consortium utilizes their website, facebook and blogs to provide Stormwater Information and Education Website, with links to other programs (both public and private) that promote water quality and preservation practices. Utilize mass media outlets to provide statewide education at an increased cost-effectiveness; as needed, locally utilize mass media such as newspapers, radio, interviews and advertisements to address specific needs. Created billboards banners and promotional giveaways to provide education on POC which served as a way to attract audiences and increase regional consortium visibility. Reached approximately 42000 citizens with the billboards.
Milestone Year 2	Maintained and Updated Website based on customer input, availability of new information and input from both the development and environmental community.
Milestone Year 3	Maintained and Updated Website based on customer input, availability of new information and input from both the development and environmental community.
Milestone Year 4	Maintained and updated website based on customer input availability of new information and input from both the development and environmental community.
Milestone Year 5	Maintained and update website based on customer input availability of new information and input from both the development and environmental community.
Milestone Year 6	Maintained and updated website based on customer input availability of new information and input from both the development and environmental community.
Milestone Year 7	Maintained and updated website based on customer input availability of new information and input from both the development and environmental community.
Milestone Year 8	Maintained and updated website based on customer input availability of new information and input from both the development and environmental community.
Goal for Year 9	Maintain and update website based on customer input availability of new information and input from both the development and environmental community.
BMP D	MEASURABLE GOALS AND MILESTONES

Goals	Event Participation
Milestone Year 1	Attended 32 events and reached 555 citizens with 6400 participants.
Milestone Year 2	Clemson University/Carolina Clear delivered public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs included components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events were held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County.
Milestone Year 3	Clemson University/Carolina Clear delivered public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs included components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events were held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County. Efforts have impacted over 1,000,000 individuals.
Milestone Year 4	Clemson University/Carolina Clear delivered public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs included components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events were held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County. This year all 174 programs participated in impacted over 1,200,000 individuals.
Milestone Year 5	Clemson University/Carolina Clear delivered public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs included components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events were held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County. Planning a creek clean up in Summer 2020 2021. 2020 event was cancelled due to Covid 19. This year there were 185 programs for 1,292,932 impacts.
Milestone Year 6	Clemson University/Carolina Clear will deliver public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs will include components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events will be held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County.
Milestone Year 7	Clemson University/Carolina Clear delivered public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs included components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events were held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County.

Milestone Year 8	Clemson University/Carolina Clear will deliver public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs will include components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events will be held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County.
Goal for Year 9	Clemson University/Carolina Clear will deliver public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs will include components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. Events will be held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction included the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County.
BMP E	MEASURABLE GOALS AND MILESTONES
Goals	School Stormwater Programs
Milestone Year 1	Presented EnviroScapes at 16 schools and reached over 1400 students. Created a portable SW display and train staff to man the display for major local events. Goal – Have ready for 2015 Beaufort Water Festival.
Milestone Year 2	Provided multiple programs within the region such as Adopt-A-Watershed which uses a local watershed, Storm Drain Marking, 4-H Wetlands Project explores estuaries, marshes, and swamps, 4H2O Pontoon Classroom, Engaging teachers in new watershed and stormwater curriculum meeting SC Standards, and EnviroScape.
Milestone Year 3	Provided multiple youth programs within the region such as “That’s MY Truck”, a coloring contest which incorporated Stormwater Infrastructure equipment and how we use it to keep our County clean, Storm Drain Marking, 4-H Wetlands Project explores estuaries, marshes, and swamps, Engaging teachers in new watershed and stormwater curriculum meeting SC Standards, and EnviroScape
Milestone Year 4	Provided multiple youth programs within the region such as “That’s MY Truck”, a coloring contest which incorporated Stormwater Infrastructure equipment and how we use it to keep our County clean, Storm Drain Marking, 4-H Wetlands Project explores estuaries, marshes, and swamps, Engaging teachers in new watershed and stormwater curriculum meeting SC Standards, and EnviroScape
Milestone Year 5	Provided multiple youth programs within the region such as Storm Drain Marking, 4-H Wetlands Project explores estuaries, marshes, and swamps, Engaging teachers in new watershed and stormwater curriculum meeting SC Standards, and EnviroScape. Due to Covid 19 restrictions, in person school programs were cancelled beginning in March 2020.
Milestone Year 6	Provided multiple youth programs within the region such as “That’s MY Truck”, a coloring contest which incorporated Stormwater Infrastructure equipment and how we use it to keep our County clean, 4-H Wetlands Project explores estuaries, marshes, and swamps, Engaging teachers in new watershed and stormwater curriculum meeting SC Standards, and EnviroScape and continue to be flexible to restrictions with Covid-19.
Milestone Year 7	Provided multiple youth programs within the region such as “That’s MY Truck”, a coloring contest which incorporated Stormwater Infrastructure equipment and how we use it to keep our County clean, 4-H Wetlands Project explores estuaries, marshes, and swamps, Engaged teachers in new watershed and stormwater curriculum meeting SC Standards, and EnviroScape.
Milestone Year 8	Presented the EnviroScape at all third grade classes at Broad River Elementary. Attended career fair at local high school. Participated in annual Touch-a-Truck event including educational booths that distributed stormwater pamphlets and informational material.
Goal for Year 9	In year 9, Public Works added a full-time Environmental Education Coordinator position. Environmental Education Coordinator will have a presence in local schools educating and handing out informational material about stormwater issues.
BMP F	MEASURABLE GOALS AND MILESTONES
Goals	Community Surveys

Milestone Year 1	Created community wide stormwater public knowledge on line survey to integrate which was advertised on television, radio, internet and hard copies at the libraries. Received over 600 responses which will be used to create the Counties. The County will use the results to assist in the POC.
Milestone Year 2	None
Milestone Year 3	None
Milestone Year 4	None
Milestone Year 5	None
Milestone Year 6	None
Milestone Year 7	None
Milestone Year 8	Budgeted for Environmental Education Coordinator position next year.
Goal for Year 9	Public Works added a full-time Environmental Education Coordinator. 45% of this position will be dedicated to educating the public on stormwater efforts and programs created to proactively prevent issues commonly caused unknowingly by citizens.
BMP G	MEASURABLE GOALS AND MILESTONES
Goals	Public Input Opportunities
Milestone Year 1	Held 7 town hall meetings in various locations within the County in order to receive input on the BMP manual, stormwater master plan and ordinance. We had 83 citizens attend town hall meetings and received 60 comments from residences within all areas of the County. We have monthly Stormwater Utility Board meetings that allow the Public to present their concerns or suggestions.
Milestone Year 2	Planned, developed, presented, and participated in more than 10 community and public programs with emphasis on stormwater education. Provided resources to encourage continued learning and practice adoption. Presented programs that addressed pollution prevention and alternatives for a target audience, as per the region's priorities. Developed and provided for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility. [Note that the survey activity is captured in the BMP above.]
Milestone Year 3	Planned, developed, presented, and participated in more than 10 community and public programs with emphasis on stormwater education. Provided resources to encourage continued learning and practice adoption. Presented programs that addressed pollution prevention and alternatives for a target audience, as per the region's priorities. Developed and provided for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility. [Note that the survey activity is captured in the BMP
Milestone Year 4	Planned, developed, presented, and participated in more than 10 community and public programs with emphasis on stormwater education. Provided resources to encourage continued learning and practice adoption. Presented programs that addressed pollution prevention and alternatives for a target audience, as per the region's priorities. Developed and provided for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility.
Milestone Year 5	Planned, developed, presented, and participated in at least 10 community and public programs with emphasis on stormwater education. Provide resources to encourage continued learning and practice adoption. Present programs that addressed pollution prevention and alternatives for a target audience, as per the region's priorities. Develop and provide for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility. Hosted the 2019 Lowcountry Pond Conference.
Milestone Year 6	Planned, developed, presented, and participated in 5 community and public programs with emphasis on stormwater education. Provide resources to encourage continued learning and practice adoption. Present programs that address pollution prevention and alternatives for a target audience, as per the region's priorities. Develop and provide for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility.
Milestone Year 7	Planned, developed, presented, and participated in 5 community and public programs with emphasis on stormwater education. Provided resources to encourage continued learning and practice adoption. Presented programs that address pollution prevention and alternatives for a target audience, as per the region's priorities. Developed and provided for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility.

Milestone Year 8	Planned, developed, presented, and participated in community and public programs with emphasis on stormwater education. Provide resources to encourage continued learning and practice adoption. Present programs that address pollution prevention and alternatives for a target audience, as per the region's priorities. Develop and provide for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility.
Goal for Year 9	Plan, develop, present, and participate in community and public programs with emphasis on stormwater education. Provide resources to encourage continued learning and practice adoption. Present programs that address pollution prevention and alternatives for a target audience, as per the region's priorities. Develop and provide for the general public, within means, items such as banners and promotional giveaways to serve as a way to attract audiences and increase regional consortium visibility.
BMP H	MEASURABLE GOALS AND MILESTONES
Goals	Support and implement the Lowcountry Stormwater Partners regional stormwater outreach plan through Carolina Clear/Clemson.
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	Implement the activities identified in the LSP 2016-2018 Strategic Regional Stormwater Outreach Plan. Work with the LSPs to develop the strategic plan for 2018 – 2020.
Milestone Year 4	Implement the LSP Strategic Stormwater Outreach Plan.
Milestone Year 5	Implemented the LSP Strategic Stormwater Outreach Plan.
Milestone Year 6	Implemented the LSP Strategic Stormwater Outreach Plan and adapted and planned programs for current pandemic.
Milestone Year 7	Implemented the LSP Strategic Stormwater Outreach Plan.
Milestone Year 8	Implemented the LSP Strategic Stormwater Outreach Plan.
Goal for Year 9	Implement the LSP Strategic Stormwater Outreach Plan.

**SECTION 2
PUBLIC INVOLVEMENT AND PUBLIC PARTICIPATION**

1. Have (or will, within the first year of permit coverage,) the public been invited to participate in the development and implementation of all parts of the community's SWMP?

Yes
No

If no, explain

2. Are (or will, during the permit term) opportunities created for citizens to participate in the implementation of stormwater controls (e.g., stream clean-ups, storm drain stenciling, volunteer monitoring, and educational activities)?

Yes
No

If no, explain

3. Has the permittee (or will, during the permit term,) ensured that the public can easily find information about the SMS4 SWMP? If available in the web, provide link

Yes
No

<http://www.clemson.edu/public/carolinaclear>

4. Are (or will) written procedures for implementing the **Public Involvement / Participation** MCM incorporated into the SWMP?

Yes
No

If no, explain

Complete Tables 1, 2, and 3 (BMP Measurable Goals and Milestones) in the addendum of this NOI. Identify and outline measurable goals and milestones. Attach completed Section 2 tables to this NOI.

ADDENDUM

**TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**

These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION TWO

TABLE 1: BMP MEASURABLE GOALS AND IMPLEMENTATION MILESTONES

	Name	DESCRIPTION
A.	Storm Drain Stenciling	Install new drain markers via volunteers by advertising at events, community meetings.
B.	Public Meetings/Citizen Panels	Set up formal advertised meetings in various areas of the County to that the County can present SW information and gain citizen input and can raise concerns and/or problems
C.	Community Clean Ups	Set up formal community clean up days for cleaning trash and debris for roadsides, ditches, etc. in the watershed areas
D.	LSP Strategic Plan	Support and implement the Lowcountry Stormwater Partners (LSP) regional stormwater outreach plan through Carolina Clear/Clemson. The outreach plan encompasses many of the activities and audiences identified in BMPs A-C above. Beginning in year 3, the County will implement public education and outreach primarily through the LSP initiative to be consistent other MS4s in Beaufort County, to streamline reporting and to adapt to local needs more effectively.

TABLE 2: ADMINISTRATIVE INFORMATION

PRIMARY CONTACT	POSITION OR TITLE
Taylor Brewer	Stormwater Program Manager
OTHER DEPARTMENT	ROLE
Clemson University/Carolina Clear	Clemson University will assist County staff with various levels of expertise concerning stormwater compliance requirements as promulgated by SC DHEC and USEPA; and PUBLIC awareness and education about natural resources is crucial to the process of protecting and restoring water quality.
GOVERNMENT ENTITY	ROLE
Beaufort County SW Utility	Primary responsible party
OTHER INSTITUTION	ROLE
Clemson University/Carolina Clear	Clemson University will assist County staff with various levels of expertise concerning stormwater compliance requirements as promulgated by SC DHEC and USEPA; and PUBLIC awareness and education about natural resources, as public education is crucial to the process of protecting and restoring water quality. Clemson will deliver public education and outreach and public involvement/participation with a goal to influence a more aware and involved public in regards to stormwater management decisions. The educational programs will include components designed for various residential and commercial audiences and others targeted for their impact to stormwater and nonpoint source pollution. This effort will be delivered through various means. Events will be held at available facilities in such a way to reach diverse and regionally distributed audiences. Such instruction may include the furnishing of informational handouts, instructional manuals, promotional materials, webpages, logos, slogan, symbols, and similar such materials, as deemed appropriate by Clemson and the County.
EQUIPMENT NEEDS (IF APPLICABLE)	
Storm drain markings	
GROUP	TARGET DESCRIPTION
County	Organize and promote marker installation events

**ADDENDUM
TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**

These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION TWO

TABLE 3: BEST MANAGEMENT PRACTICES

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year. Also, certain BMPs - e.g., an ordinance - should be put in place within one year.

BMP A	MEASURABLE GOALS AND MILESTONES
Goals	Storm Drain Marker Program
Milestone Year 1	Installed 244 storm drain markers and reached 412 residences.
Milestone Year 2	Identify groups (e.g. Boy & Girl Scouts, Service clubs, etc.) that can provide volunteers to place markers on SW structures. Goal – Complete 25% of SW structures in the County. 58 drain markers were installed. Additional advertisement to encourage public involvement is needed to achieve better public participation. To ensure all drains are marked the County may allow in house staff to place markers since public involvement for this task has been very limited.

Milestone Year 3	Installed 30 storm drain markers. Worked to identify additional groups that may be willing to participate in installing markers.
Milestone Year 4	Installed 28 storm drain markers. Worked to identify additional groups that may be willing to participate in installing markers.
Milestone Year 5	Reevaluated storm drain marker program with strategic plan being updated for 2020-2023.
Milestone Year 6	No planned storm drain marker programs for 2021 based on previous years efforts.
Milestone Year 7	No planned storm drain marker programs planned for 2022 based on previous years efforts.
Milestone Year 8	No planned storm drain marker programs planned for 2023 based on previous years efforts.
Goal for Year 9	Remove storm drain marker program from SWMP.

BMP B	MEASURABLE GOALS AND MILESTONES
Goals	Public Meeting Citizen Participation Panels
Milestone Year 1	Held 7 town hall meetings in various locations within the County in order to receive input on the BMP manual, stormwater master plan and ordinance. We had 83 citizens attend town hall meetings and received 60 comments from residences within all areas of the County. We have monthly Stormwater Utility Board meetings that allow the Public to present their concerns or suggestions. Established and documented procedures for advertising Citizen Input meeting, conducting such meeting, areas to be targeted, program for such event Goal – Conduct first event.
Milestone Year 2	The County has monthly Stormwater Utility Board meetings and quarterly Lowcountry Stormwater Partners (Clemson) meetings. The meetings are open to the public and televised to allow citizen input.
Milestone Year 3	The County held monthly Stormwater Utility board meetings and quarterly Lowcountry Stormwater Partner meetings. The meetings are open to the public to allow citizen input, with the Stormwater Utility Board meetings being televised.
Milestone Year 4	The County held monthly Stormwater Utility Board meetings and quarterly Lowcountry Stormwater Partner meetings. The meetings are open to the public to allow citizen input, with the Stormwater Utility Board meetings being televised.
Milestone Year 5	The County held monthly Stormwater Utility Board meetings and quarterly Lowcountry Stormwater Partner meetings. The meetings are open to the public to allow citizen input, with the Stormwater Utility Board meetings being televised, as well as shared live on the Beaufort County Facebook Page.
Milestone Year 6	The County will hold 5 Stormwater Utility Board meetings and quarterly Lowcountry Stormwater Partner meetings. The meetings will be open to the public to allow for citizen input, with the Stormwater Utility Board meetings being televised.
Milestone Year 7	The County held 8 Stormwater Utility Board meetings and 6 Lowcountry Stormwater Partner meetings. The meetings were open to the public to allow for citizen input, with the Stormwater Utility Board meetings being televised.
Milestone Year 8	The County held bimonthly Stormwater Utility Board meetings and quarterly Lowcountry Stormwater Partner meetings. The meetings will be open to the public to allow for citizen input, with the Stormwater Utility Board meetings being televised.
Goal for Year 9	The County will hold bimonthly Stormwater Utility Board meetings and quarterly Lowcountry Stormwater Partner meetings. The meetings will be open to the public to allow for citizen input, with the Stormwater Utility Board meetings being televised.

BMP C	MEASURABLE GOALS AND MILESTONES
Goals	Community Clean Up Days
Milestone Year 1	Create and document a Community Cleanup program, identify liabilities and responsibilities, insurance requirement, areas to be targeted, traffic and pedestrian protection procedures, collection and disposal of bags, etc. Goal – Written program in year one.
Milestone Year 2	Organized teams in targeted areas, advertised and promoted cleanup days, provided on-site program management, arranged for collection and disposal, etc. Goal – two cleanup program trials, assess results and modify program as may be necessary. Clemson prepared an annual report detailing milestones achieved in Year 2.
Milestone Year 3	Organized teams in targeted areas within Beaufort County, provided on-site program management, arranged for collection and disposal. Clemson prepared an annual report detailing milestones achieved in Year 3.

Milestone Year 4	Organized teams in targeted areas within Beaufort County, provided on-site program management, arranged for collection and disposal. Clemson prepared and annual report detailing milestones achieved in Year 4.
Milestone Year 5	The County hosted one small scale clean up event during 2020, prior to group events being cancelled with 10 individuals for a total of 45 bags of trash collected. Clemson prepared an annual report detailing milestones achieved in Year 5.
Milestone Year 6	Organize teams in targeted areas within Beaufort County, provide on-site program management, arrange for collection and disposal. Clemson will prepare an annual report detailing milestones achieved in Year 6. A creek cleanup is tentatively planned for late Spring 2021 as well as a cleanup in late Fall 2020.
Milestone Year 7	The County held two cleanup efforts, one in April and one in June.
Milestone Year 8	The County held two cleanup efforts, one in the spring and one in the Fall of 2023 targeting trash to prevent them from entering our waterways.
Goal for Year 9	The County held one cleanup effort in April of 2024 and will hold another in the Fall targeting trash to prevent them from entering our waterways.
BMP D	MEASURABLE GOALS AND MILESTONES
Goals	Support and implement the Lowcountry Stormwater Partners regional stormwater outreach plan through Carolina Clear/Clemson.
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	Implement the activities identified in the LSP 2016-2018 Strategic Regional Stormwater Outreach Plan. Work with the LSPs to develop the strategic plan for 2018 – 2020.
Milestone Year 4	Implement the LSP Strategic Stormwater Outreach Plan.
Milestone Year 5	Implemented the LSP Strategic Stormwater Outreach Plan.
Milestone Year 6	Implemented the LSP Strategic Stormwater Outreach Plan.
Milestone Year 7	Implemented the LSP Strategic Stormwater Outreach Plan.
Milestone Year 8	Implemented the LSP Strategic Stormwater Outreach Plan.
Goal for Year 9	Implement the LSP Strategic Stormwater Outreach Plan.

**SECTION 3
ILLCIT DISCHARGE DETECTION ANDELIMINATION**

The following are common sources of illicit discharges to an MS4:

- Sanitary Wastewater
- Car wash wastewaters
- Radiator flushing disposal
- Spills from roadway accidents
- Carpet cleaning wastewaters
- Effluent from septic tanks
- Improper oil disposal
- Laundry Wastewaters/gray water
- Improper disposal of auto and household toxics

STORM SEWER SYSTEM MAP

Does the MS4 currently have a storm sewer system map completed for the entire regulated municipal separate storm sewer system? The map must depict, at a minimum: city streets, topography or drainage patterns, streams, and outfalls (points where the city or county-operated MS4 discharges into the streams or adjacent MS4s).

Yes

No If no, explain

Beaufort County has a working map that has storm structures identified. The map is constantly being updated to capture new stormwater structures and address all parameters mentioned above.

PRIORITY AREAS, FIELD SCREENING, TRACING AND ELIMINATION OF ILLICIT DISCHARGES

Has (or will, within the first year of permit coverage,) the MS4 identified priority areas documenting its basis for the selection?
Yes No If no, explain

Does the MS4 currently have (or will have) written field screening and analytical protocol to detect and eliminate illicit discharges to the MS4 within one year from the effective date of coverage?
Yes No If no, explain

See SoLoCo Manual Appendix T.

Does the MS4 currently have procedures for tracing the source of an illicit discharge?
Yes No If no, explain

See SoLoCo Manual Appendix T.

INSPECTION/SCREENING AND ENFORCEMENT PROCEDURES

1. Does the MS4 presently have personnel and procedures in place for inspection and/or screening for non-stormwater discharges? If yes, please describe and indicated percentage of system inspected and/or screened.

Yes No
As of Dec. 31, 2022, It is estimated that 100% of the system has been mapped, inventoried, and inspected for condition assessment. Staff routinely adds additional infrastructure to the inventory as completed.

2. Does the MS4 presently have procedures and personnel in place for enforcement of violations of the illicit discharge ordinance? If yes, please describe.

Yes No
See the Stormwater Ordinance in SoLoCo Manual Appendix T. Stormwater staff were designated Public Works Enforcement Officers in 2021 to issue violations.

3. How are enforcement actions documented?

Enforcement actions are documented in our permitting and inspection database.

4. Has the MS4 defined "hot spots" for non-stormwater discharge screening and inspections? If yes, please describe and provide a map of illicit discharge screening priority areas.

Yes
Mapped in Year 1 and again in Year 3. Utilizing DHEC information regarding shellfish bed status, as well as local water authority maps, two locations within the MS4 boundary have been identified as potential hot spots for our illicit discharge screening priority areas.

PUBLIC INPUT AND COMPLAINTS

1. Does the MS4 presently have procedures in place to receive and consider information and complaints about non-stormwater discharges that are submitted by the public? If so, provide brief description: responsible departments, personnel, steps followed.

Yes No
The General Public, municipalities and in house staff can submit a complaint through a new citizen "connect" app. that was created to assist in reporting non-stormwater discharges. The app. will allow the complaints to be identified by type of discharge such as: automobile fluids, chemicals, construction site runoff, restaurant grease trap, SSO, yard clippings etc. The County will disburse the complaint to the appointed staff members to investigate complaint. The application will allow the County to run reports to track complaints.

EDUCATION

1. Has the MS4 educated the public and businesses including, but not limited to, auto parts supply, auto repair shop and restaurants, regarding ways to detect, prevent and eliminate illicit discharges? If yes, briefly describe the educational materials, including media used (e.g., written brochures, public service announcements, etc.), the topic(s) covered, intended target audience(s), and the distribution method.

Yes
Clemson University/Carolina Clear and Consortium utilizes their website, Facebook and blogs to provide Stormwater Information and Education Website, with links to other programs (both public and private) that promote water quality

No

and preservation practices. Utilize mass media outlets to provide statewide education at an increased cost-effectiveness; as needed, locally utilize mass media such as newspapers, radio, interviews and advertisements to address specific needs. Created billboards banners and promotional giveaways to provide education on POC which served as a way to attract audiences and increase regional consortium visibility. New brochures were created for distribution at the landfills to increase education on how to properly dispose of household chemicals

ILLCIT DISCHARGE ORDINANCES

1. Does the MS4 currently have an ordinance or regulatory mechanism that prohibits non-stormwater discharges into the storm sewer system? If yes, please attach a copy of the ordinance and give page number(s) of this section of ordinance. If No, proceed to the next section (inspections and enforcement).

Yes No SoLoCo Manual Page Number 99-202 Ordinance Section Number
Appendix A

2. Does the ordinance or regulatory mechanism clearly define non-stormwater discharges, either through a written description of a non-stormwater discharge or through a listing of unallowable or allowable non-stormwater discharges?

Yes No If no, explain

3. Does the ordinance or regulatory mechanism allow right-of-entry on private property for inspection of suspected discharges?

Yes No If no, explain

4. Does the ordinance or regulatory mechanism prohibit dumping?

Yes No If no, explain

5. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to eliminate non-stormwater discharges in the event of violations? If yes, please note page number and paragraph number.

Yes No SoLoCo Manual Page Number Sec. 99-502 Paragraph Number
Appendix A

6. What is maximum penalty in ordinance or regulatory? Please note maximum penalty, page number and paragraph number.

Yes No Criminal Max. Penalty \$1000.00 SoLoCo Manual Sec.99-113 Paragraph Number
Appendix A

7. Does the MS4 have ordinance or other regulatory mechanism that prohibits contamination of stormwater runoff from "hot spots" including industrial and commercial properties, restaurants, auto repair shops, auto supply shops, and large commercial parking areas?

Yes

No If no, explain

Complete Tables 1, 2, and 3 (BMP Measurable Goals and Milestones) in the addendum of this NOI. Identify and outline measurable goals and milestones. Attach completed Section 1 tables to this NOI.

ADDENDUM

**TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**

These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION THREE

TABLE 1: BMP MEASURABLE GOALS AND IMPLEMENTATION MILESTONES

	Name	DESCRIPTION
A.	Adequate Legal Authorities	An ordinance was adopted and the current SoLoCo manual was approved and meets all sections of 4.1.4.2 and was attached to the NOI.
B.	Develop Outfall Inventory Map	The County completed 50% of the outfall inventory map in 2017. Continue to map and inspect 25% per year until complete. As of December 31, 2022 it is estimated that 100% of Beaufort County has been mapped. The County does not permit new outfalls.
C.	Outfall Screening for Illicit Discharges	<p>The General Public, municipalities and in house staff can submit a complaint through the BC Connect app that was created to assist in reporting non-stormwater discharges. The app will allow the complaints to be identified by type of discharge such as: automobile fluids, chemicals, construction site runoff, restaurant grease trap, SSO, yard clippings etc. The County will disburse the complaint to the appointed staff members to investigate complaint.</p> <p>The County has developed a dry weather screening program and have attached the standard operating procedures in accordance with 4.2.3.2.3.a ii. In addition, we have included the proposed locations for dry weather screening and how we determined location and equipment used. Also, include is the proposed locations of the dry weather screening, explanation on how we determined the location and equipment used.</p>
D.	Prioritize Other Potential Illicit Discharges and Non-storm Water Discharges	The County has prioritized the illicit discharge screening schedule based on the last years monitoring results, septic tank locations, current land use and the most recent survey results. Prioritization will be updated based on revised permit boundary and complaint history. The County has developed an illicit discharge detection elimination program that addresses section 4.2.3.2.3.a ii and was attached with the NOI.
E.	Education on Illicit Discharges	Clemson University/Carolina Clear and Consortium utilizes their website, Facebook and blogs to provide Stormwater Information and Education Website, with links to other programs (both public and private) that promote water quality and preservation practices. Utilize mass media outlets to provide statewide education at an increased cost-effectiveness; as needed, locally utilize mass media such as newspapers, radio, interviews and advertisements to address specific needs. Created billboards banners and promotional giveaways to provide education on POC which served as a way to attract audiences and increase regional consortium visibility. New brochures were created for distribution at the landfills to increase education on how to properly dispose of household chemicals.

F.	Enforcement	Enforcement policy has been adopted as part of our new stormwater ordinance section 99-501 to 99-504 - Requirements for on-site stormwater systems: enforcement, methods and inspections.
G.	Monitoring Plan	The County has developed a monitoring plan based on the findings from several methods. See Appendix C BMP Manual. We have completed a survey, compiled historical monitoring data, compared last 10 years of land use, location of septic tanks, TMDL and impaired water bodies as the basis of our monitoring program. The monitoring plan will be updated to include the TMDLs in the expanded permit boundaries.
H.	Staff Training on IDDE	Educate staff about IDDE protocols found in BMP Manual to all applicable staff, including inspectors, field personnel, and facility operators.
I.	Stormwater System Asset Mapping	Map the stormwater system throughout the County's unincorporated area. Map and inspect at least 20% of the system per year. The current BMP manual requires new and redevelopment to provide as-builts prior to receiving certificate of completion. This stormwater information will be included in the overall stormwater system asset map to better manage the system and track IDDEs.

TABLE 2: ADMINISTRATIVE INFORMATION

PRIMARY CONTACT		POSITION OR TITLE	
Taylor Brewer		Stormwater Program Manager	
OTHER DEPARTMENT		ROLE	
Stormwater Regulatory		Stormwater Inspectors	
BEST MANAGEMENT PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES (Continued)			
GOVERNMENT ENTITY		ROLE	
Beaufort County SW Regulatory		Taylor Brewer, Stormwater Program Manager	
OTHER INSTITUTION		ROLE	
Carolina Clear Clemson University		Ellen Comeau, Coordinator working with all Municipalities in Beaufort County	
EQUIPMENT NEEDS (IF APPLICABLE)			
Sampling Equipment			
GROUP		TARGET DESCRIPTION	
Beaufort County Stormwater Utility		Equipment necessary for sampling	
USCB		Routine and special projects water quality sample collection, Lab services	

SECTION THREE

TABLE 3: BEST MANAGEMENT PRACTICES

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year. Also, certain BMPs - e.g., an ordinance - should be put in place within one year.

BMP A	MEASURABLE GOALS AND MILESTONES
Goals	<p>Within 24 months of the effective date of this permit, develop an ordinance, or other regulatory mechanism, adequate legal authorities to meet the objectives of the Illicit Discharge Stormwater Management Program consistent with Sections 4.2.3.2.5 and 4.2.3.2.7 of SCRO300000</p> <p>Establish the authority to request information such as stormwater plans, inspection reports, monitoring results, and other information deemed necessary to evaluate compliance with the Illicit Discharge Stormwater Management Program.</p> <p>Establish the authority to enter private property for the purpose of inspecting at reasonable times any facilities, equipment, practices, or operations related to stormwater illicit discharges to determine whether there is compliance of the Illicit Discharge Stormwater Management Program.</p> <p>Establish the authority to issue violations to determined establishments and/or owners when illicit discharges and/or non-storm water discharges are determined.</p>
Milestone Year 1	Developed and adopted a new stormwater ordinance setting forth the illicit discharge program, requiring implementation and continued maintenance of outfall inventory data collection. The ordinance included necessary authorities for determining illicit discharges and non-storm water discharges, outfall screening, authority to enter public or private property with outfalls, trace illicit discharges to source, and enforcement.
Milestone Year 2	Complete development of ordinance setting forth the illicit discharge program, requiring implementation and continued maintenance of outfall inventory data collection. Implemented ordinance and continued progress with programs authorized in the ordinance.
Milestone Year 3	Implemented ordinance setting forth the illicit discharge program, requiring implementation and continued maintenance of outfall inventory data collection.
Milestone Year 4	Continued implementation of ordinance setting forth the illicit discharge program, requiring implementation and continued maintenance of outfall inventory data collection.
Milestone Year 5	Reviewed and reassessed ordinance.
Milestone Year 6	Continued implementation of ordinance setting forth the illicit discharge program, requiring implementation and continued maintenance of outfall inventory data collection. Updates were made to the ordinance, but not to the IDDE section.
Milestone Year 7	Continued implementation of ordinance setting forth the illicit discharge program, requiring implementation and continued maintenance of outfall inventory data collection.
Milestone Year 8	Continued implementation of ordinance setting forth the illicit discharge program, requiring implementation and continued maintenance of outfall inventory data collection.
Goal for Year 9	The goal will be the same for Year 9 of implementation.
BMP B	MEASURABLE GOALS AND MILESTONES
Goals	Develop procedures for field data collection activities and administration tasks for new development. Implement inventory collection of County owned outfalls. Complete overall inventory map and continue to update map as construction plans are approved and developments are constructed.

Milestone Year 1	Inspected 25% off all outfalls. Developed procedures for field data collection activities and administration tasks for data collection of new development. All development will be required to submit as-builts prior to issuance of the certificate of completion. The new stormwater permit data base will allow the staff to track new BMP's that are constructed during monthly or annual inspection. The Stormwater Department also purchased a video camera that will be able to provide field data on possible stormwater pipe failures. All BMP's will be required to record a maintenance agreement.
Milestone Year 2	Inspected 100% of the known storm sewer system within the County after Hurricane Matthew including stormwater infrastructure pipes and outfalls.
Milestone Year 3	Inventoried another 25% of County owned outfalls. Continue to update map as new development and/or changes occur.
Milestone Year 4	Continued inventory of County owned outfalls, estimated to be 85% complete with County area. Continued to update map as new development and/or changes occur.
Milestone Year 5	Continued inventory of outfalls, estimated to be 92% complete within County area. Reviewed and reassessed process for ensuring new development and/or changes are mapped.
Milestone Year 6	Continued inventory of last 8% of outfalls. Continue to update map as new development and/or changes occur.
Milestone Year 7	Continued to inventory any new infrastructure constructed. It is estimated 100% of the County has been mapped for compliance purposes.
Milestone Year 8	Continued to inventory any new infrastructure constructed.
Goal for Year 9	Continue to inventory any new infrastructure constructed.
BMP C	MEASURABLE GOALS AND MILESTONES
Goals	Determine a list of significant illicit discharges. Develop and implement procedures for conducting outfall screening with scheduled visits of all outfalls to locate the problem, determine the source of the problem, remove/correct the illicit discharge, organize data collected, and report illicit discharges determined.
Milestone Year 1	Participated in a survey to determine list of significant illicit discharges. Developed procedures for conducting outfall screening with scheduled visits of all outfalls. Report illicit discharges in annual report.
Milestone Year 2	Implemented outfall screening and inspections of reported violations to determine source of illicit discharge. Performed 23 inspections and created documentation in Munis. Results are reported in annual report.
Milestone Year 3	Performed 11 inspections and created documentation within MUNIS and the BC Connect app. Results are reported in annual report.
Milestone Year 4	Continued to implement conducting outfall screening and determine source of illicit discharge. Performed 13 inspections and created documentation within MUNIS and the BC Connect app. Results are reported in annual report.
Milestone Year 5	Continued to implement outfall screening and determining sources of illicit discharges. Conduct outfall screening with a schedule to visit all outfalls during the permit term. Performed 13 inspections and created documentation within MUNIS and BC Connect app. Maintained records of all data collected.
Milestone Year 6	Continued to implement conducting outfall screening and source of illicit discharges. Continued documentation in MUNIS, Energov, and BC Connect app. Maintained records of all data collected.
Milestone Year 7	Continued to implement conducting outfall screening and source of illicit discharges. Continued documentation in BC Connect app. Maintained records of all data collected.
Milestone Year 8	Continued to implement conducting outfall screening and source of illicit discharges. Continue documentation in BC Connect app. Maintain records of all data collected.
Goal for Year 9	Continue to implement conducting outfall screening and source of illicit discharges. Continue documentation in BC Connect app. Maintain records of all data collected.
BMP D	MEASURABLE GOALS AND MILESTONES

Goals	Determine a list of other potential illicit discharges, non-storm water discharges and incidental non-storm water discharges. Prioritize and establish procedures to evaluate the list of other potential illicit discharges and non-storm water discharges.
Milestone Year 1	Completed survey and held a strategic planning meeting with all local municipalities to identify behaviors that contribute to stormwater pollution as well as audiences that need additional education about stormwater pollution and particular areas of concerns.
Milestone Year 2	Implement procedures for determining list of other potential illicit discharges, non-storm water discharges and incidental non-storm water discharges.
Milestone Year 3	Prioritized investigations for the other potential illicit discharges, non-storm water discharges, and incidental non-storm water discharges.
Milestone Year 4	Begin investigating for other potential illicit discharges, non-storm water discharges, and incidental non-storm water discharges.
Milestone Year 5	Continued investigating for other potential illicit discharges, non-storm water discharges, and incidental non-storm water discharges.
Milestone Year 6	Continued investigating for other potential illicit discharges, non-stormwater discharges, and incidental non-stormwater discharges found in the field and as reported by citizens.
Milestone Year 7	Continued investigating for other potential illicit discharges, non-stormwater discharges, and incidental non-stormwater discharges both found in the field as well as reported by citizens.
Milestone Year 8	Continued investigating for other potential illicit discharges, non-stormwater discharges, and incidental non-stormwater discharges both found in the field as well as reported by citizens.
Goal for Year 9	Continue investigating for other potential illicit discharges, non-stormwater discharges, and incidental non-stormwater discharges both found in the field as well as reported by citizens.

BMP E

MEASURABLE GOALS AND MILESTONES

Goals	Establish education and training to the public on illicit discharges.
Milestone Year 1	The five major pollutants based on the strategic planning effort with Carolina Clear are the following: Post Construction, run off volume, littering, bacteria (septic tanks and SSO) and fertilizer. We have determined the target audience for each pollutant of concern and will continue education and training of the public.
Milestone Year 2	Continued education and training to the public.
Milestone Year 3	Continued education and training to the public. Made it easier for public to report accurate illicit discharge complaints through education with our app, BC Connect.
Milestone Year 4	Continued education and training with the public. Made it easier for public to report accurate illicit discharge complaints through education with our app, BC Connect.
Milestone Year 5	Continued education and training with the public. Due to Covid 19, planned trainings after March 2020 were cancelled. Public able to report issues virtually through both our Stormwater management feedback
Milestone Year 6	Continued education and training with the public. Public able to report issues virtually through both our Stormwater management feedback page online as well as through our BC Connect app.
Milestone Year 7	Continued education and training with the public. Public was able to report issues virtually through both our Stormwater management feedback page online as well as through our BC Connect app.
Milestone Year 8	Continued education and training with the public. Public can report issues virtually through both our Stormwater management feedback page online as well as through our BC Connect app.
Goal for Year 9	Continue education and training with the public. Public can report issues virtually through both our Stormwater management feedback page online as well as through our BC Connect app.

BMP F

MEASURABLE GOALS AND MILESTONES

Goals	Track the issuance of notices of violation and enforcement actions. This mechanism shall include the ability to identify chronic violators for initiation of actions to reduce noncompliance.
Milestone Year 1	Enforcement policy has been adopted as part of our new stormwater ordinance section. Sec. 99-501 to 99-504. - Requirements for on-site stormwater systems: enforcement, methods and inspections. A database was also created to track illicit discharge and enforcement. The database will also provide reports to assist in determining if an area has consistent violations.
Milestone Year 2	Notices of violation and enforcement actions have begun to be tracked through MUNIS.

Milestone Year 3	Continued to track issuance of notices of violations and enforcement actions through MUNIS as well as monthly reports to the Stormwater Utility Board.
Milestone Year 4	Continued to track issuance of notices of violations and enforcement actions through MUNIS as well as monthly reports to the Stormwater Utility Board.
Milestone Year 5	Continued to track issuance of notices of violations and enforcement actions through MUNIS as well as monthly reports to the Stormwater Utility Board. Reviewed and reassessed procedures and database.
Milestone Year 6	Continued to track issuance of notices of violations and enforcement actions through MUNIS and Energov as well as monthly reports to the Stormwater Utility Board.
Milestone Year 7	Continued to track issuance of notices of violations and enforcement actions through MUNIS and Energov as well as monthly reports to the Stormwater Utility Board.
Milestone Year 8	Continued to track issuance of notices of violations and enforcement actions through MUNIS, Energov, and monthly reports to the Stormwater Utility Board.
Goal for Year 9	Continue to track issuance of notices of violations and enforcement actions through MUNIS, Energov, and monthly reports to the Stormwater Utility Board.
BMP G	MEASURABLE GOALS AND MILESTONES
Goals	Measure pollutant levels discharged from identified outfalls to water bodies subject to TMDL.
Milestone Year 1	The County has several watersheds within the County that are impaired and one TMDL. The Okatie River TMDL is identified as having an impairment for fecal. The TMDL has over 10 years of data that is being analyzed to determine possible sources of pollutants such as: wildlife, agriculture and failing septic tanks. Developed a TMDL Monitoring and Assessment Plan for discharges of concern located in the TMDL watershed draining to impaired WQMS.
Milestone Year 2	Determined a schedule for implementing the developed TMDL Monitoring and Assessment Plan. Developed procedures for implementation of water quality monitoring and monitoring database and implement procedures (30 months). Began analysis of historical data to determine trends and loading by looking at the TMDL watershed, Okatie River.
Milestone Year 3	Continued to implement monitoring schedule and database. Report data and findings of water quality monitoring to DHEC. Update Monitoring Plan for expanded jurisdiction due to change to Permit by Rule.
Milestone Year 4	Implemented newly developed monitoring schedule and database developed for jurisdiction added by change in permit by rule. Continued to report data and findings of water quality monitoring to DHEC.
Milestone Year 5	Continued to implement monitoring schedule and database. Report data and findings of water quality monitoring to DHEC.
Milestone Year 6	Evaluate monitoring data to begin creating action plans for Okatie River Watershed and Chechessee Creek Watershed.
Milestone Year 7	Continued to implement monitoring schedule and database. Reported data and findings of water quality monitoring to DHEC.
Milestone Year 8	Continued to implement monitoring schedule and database. Report data and findings of water quality monitoring to DHEC.
Goal for Year 9	Continue to implement monitoring schedule and database. Report data and findings of water quality monitoring to DHEC.
BMP H	MEASURABLE GOALS AND MILESTONES
Goals	Staff training on IDDE
Milestone Year 1	
Milestone Year 2	Develop training materials. Train staff. Provided training program webinar developed by SESWA to applicable county staff and inspectors.
Milestone Year 3	Provided annual refresher training and full training for new staff.
Milestone Year 4	Provided annual refresher training and full training for new staff.
Milestone Year 5	Provided annual refresher training and full training for new staff.

Milestone Year 6	Provided annual refresher training and full training for new staff.
Milestone Year 7	Provided annual refresher training and full training for new staff.
Milestone Year 8	Provided annual refresher training and full training for new staff.
Goal for Year 9	Provide annual refresher training and full training for new staff.
BMP I	MEASURABLE GOALS AND MILESTONES
Goals	Map the County owned storm sewer system.
Milestone Year 1	Developed procedures for mapping and condition assessment of the storm sewer system. GIS created data collection software tools and inventory protocols.
Milestone Year 2	Map and assess 25% of stormwater management system. Report "poor" condition areas to the SW Superintendent. Add new stormwater system components accepted in new developments through the as-built process.
Milestone Year 3	Mapped and assessed 25% of stormwater management system. Report "poor" condition areas to the SW Superintendent. Add new stormwater system components accepted in new developments through the as-built process.
Milestone Year 4	Mapped and assessed 85% of stormwater management system County wide. Report "poor" condition areas to the SW Superintendent. Newly built County infrastructure was added to County's inventory database.
Milestone Year 5	Mapped and assessed remaining 15 7% of stormwater management systems County wide. Reported "poor" condition areas to the SW Superintendent. Added new stormwater system components accepted in new developments through the as-built process and into the County's inventory database.
Milestone Year 6	Map and assessed remaining 8% of Stormwater management systems County wide. Report "poor" condition areas to the SW Superintendent. Add new Stormwater system components accepted in new developments through the as-built process and into the County's inventory database.
Milestone Year 7	Reported "poor" condition areas to the Stormwater Superintendent. Add new Stormwater system components accepted in new developments through the as-built process and into the County's inventory database.
Milestone Year 8	Reported "poor" condition areas to the Stormwater Superintendent. Add new Stormwater system components accepted in new developments through the as-built process and into the County's inventory database.
Goal for Year 9	Report "poor" condition areas to the Stormwater Superintendent. Add new Stormwater system components accepted in new developments through the as-built process and into the County's inventory database.

SECTION 4
 CONSTRUCTION SITE RUNOFF PROGRAM
 CONSTRUCTION SITE RUNOFF ORDINANCES

1. Do the current ordinances/regulations for the municipal stormwater management program comply with Local, State and Federal public notice requirements? If yes, describe how the public is notified.

Yes
 No

Please see attached section Sec. 99-211. of the Stormwater Ordinance which explains how the Public is notified.

2. Do you currently have an erosion prevention and sediment control - or similar - ordinance or regulatory mechanism? If yes, include a copy and reference the page number(s). If No, proceed to the next set of questions below about construction site plans review.

Yes No **Sec. 99-201 Appendix A-17,18 and Sec. 99-309 Appendix A SoLoCo Manual** Page Number

3. Does the ordinance or regulatory mechanism require that site operators implement erosion prevention, sediment control, soil stabilization practices and other controls for land disturbance activities?

Yes No If no, explain

4. Does the ordinance/regulatory mechanism require (explicitly or implicitly) that controls be implemented for any land disturbances greater than or equal to one acre, or less than one acre if part of a large common plan of development or sale that would disturb one acre or more? If yes, note the page number and paragraph number where this is defined.

Yes No **CH 3 44** Page Number **3.2.** Paragraph Number

5. Does the ordinance or regulatory mechanism contain or reference technical standards for erosion and sediment control? If yes, note the page number and paragraph number where this is defined.

Yes No **CH 5 301** Page Number **5.4** Paragraph Number

6. Do those technical standards meet with or exceed the current SC DHEC construction general permit sections 3.5 and 4.4?

Yes No

7. Do technical standards require that construction activities maintain temporary water quality buffers during construction?

Yes No

8. Does the ordinance or regulatory mechanism clearly define the criteria - primarily who must submit - for submitting erosion and sediment control information or plans? If yes, note page number and paragraph number

Yes No **CH 2 33** Page Number **2.2** Paragraph Number

9. Does the ordinance or regulatory mechanism require approval by the local government prior to commencement of land disturbance activities? If yes, note page number and paragraph number.

Yes No **CH 2 38** Page Number **2.3.2** Paragraph Number

10. Does the ordinance or regulatory mechanism require re-submittal of erosion and sediment control information or plans if site plans or conditions change during land disturbance activities? If yes, note page number and paragraph number.

Yes No **CH 2 36** Page Number **2.2.1** Paragraph Number

11. Does the ordinance or regulatory mechanism allow right-of-entry for government officials onto construction sites for inspections? If yes, note page number and paragraph number.

Yes No **A - 29** Page Number **99-501** Paragraph Number

12. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to STOP WORK in the event of non-compliance violations? If yes, note page number and paragraph number.

Yes No **A-31** Page Number **99-501** Paragraph Number

13. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to effectively prohibit the discharge of pollutants in wash waters, from washouts, in stormwater runoff and from leaks and spills? If yes, note page number and paragraph number.

Yes No **A-27** Page Number **99-400** Paragraph Number

CONSTRUCTION SITE PLANS REVIEW

1. Does the MS4 presently have in place a technical review process with approval conditioned to meeting all requirements contained in parts 4.2.4 & 5 of the permit (i.e. engineering department, planning department, zoning board) that evaluates new development and redevelopment construction for construction site runoff?

Yes No If no, explain

2. Does the technical review process require an erosion prevention and sediment control plan to protect water quality with appropriate BMP rationale?

Yes No If no, explain

3. Does the review process include a requirement for pre-construction meeting between the MS4 and site developer, for priority construction sites, including at a minimum those construction activities discharging directly into, or immediately upstream of, waters the state recognizes as impaired or high quality?

Yes No If no, explain

4. If there is a review process, provide a brief narrative or a flow chart of the process, describing the process steps, responsible personnel qualifications (by department, title and contact person), and criteria used for evaluation of information or plans that are submitted.

Yes No If no, explain

The review process starts with the Community Development Department. This department distributes construction plans to the Stormwater Department for review. New and redevelopment plans cannot be approved without approval by the Stormwater Department. This process is illustrated in the SoLoCo Manual in CH 3

RESPONDING TO PUBLIC INPUT AND COMPLAINTS

1. Does the MS4 presently have procedures in place for receipt and consideration of information and complaints submitted by the public?

Yes No

If Yes, please provide a brief narrative of the receipt process and procedures, describing process steps, responsible departments, and personnel (by title). If available, provide information on complaint tracking, documentation, etc:

Before development and permit approval, the public input and complaints are received by the Community Development Department from the public calling the number on the public notice. After construction, complaints are differeed to the Stormwater Utility Department which will resolve the problem by involving the necessary department, Engineering and/or Public Works. A citizen "connect" app. has been created for the public to notify the County of concerns in the area. The complaints will be tracked in a new data base.

ENFORCEMENT AND INSPECTION PROCEDURES

1. Does the MS4 presently have personnel and procedures in place for construction site runoff inspection?

Yes No If no, explain

2. Does the program provide for monthly inspection of priority sites?

Yes No If no, explain

3. Does the MS4 presently have procedures and personnel in place for enforcement to the maximum extend for violations of construction site requirements?

Yes No If no, explain-

4. Does the MS4 use a STOP WORK order to enforce non-compliance with construction site policies and requirements?

Yes No If no, explain

5. How are enforcement actions documented?

A County Stormwater CEPSCI certified employee will issue enforcement violations and violations are tracked. The County is transitioning to a new database to track inspections and enforcement more efficiently.

TRAINING AND EDUCATION

1. Does the MS4 presently make construction site runoff control training/information available to the public, developers, engineers, and contractors? (Clemson University periodically provides training through its Certified Erosion Prevention & Sediment Control Inspection (CEPSCI) course. Local governments are encouraged to refer developers and contractors to these classes.)

Yes No If no, explain

2. Has MS4 staff completed states approved training, such as the Clemson CEPSCI program? Enter the number either way

Yes If yes, how many? No

5 County Staff

Complete Tables 1, 2, and 3 (BMP Measurable Goals and Milestones) in the addendum of this NOI. Identify and outline measurable goals and milestones. Attach completed Section 1 tables to this NOI.

ADDENDUM

**TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**

These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION FOUR

TABLE 1: BMP MEASURABLE GOALS AND IMPLEMENTATION MILESTONES

	Name	DESCRIPTION
A.	Revise Stormwater Management Ordinance/ Adequate Legal Authority	<p>Revised stormwater management ordinance, or other regulatory mechanism, to adequate and clearly state the legal authorities to meet the objectives of the construction site runoff requirements for the Stormwater Management Program.</p> <p>Established the legal authority to review designs and proposals for new development and redevelopment to determine whether adequate stormwater runoff control measures will be installed, implemented, and maintained during construction.</p> <p>Established the authority to request information such as stormwater plans, inspection reports, monitoring results, and other information deemed necessary to evaluate compliance with the Construction Site Runoff Stormwater Management Program.</p> <p>Established the authority to enter private and public property for the purpose of inspecting at reasonable times any facilities, equipment, practices, or operations related to construction sites with devices to control erosion and sediment control and other waste at site.</p>
B.	Erosion and Sediment and Other Waste at the Site Control Requirements	Developed requirements for the implementation of appropriate BMPs on a construction site to control erosion and sediment and other waste at the site.
C.	Revise Plan Review Procedures	Developed plan review procedures to determine if the construction site is in compliance with erosion control requirements determined by the County. Set requirements and procedures for a pre-construction meeting and tracking of current construction activities for the County and the public.
D.	Revise Site Inspection Procedures and Penalties	<p>Developed a BMP manual and Stormwater Ordinance to ensure that all erosion control measures meet the County's performance standards to control erosion and sediment and other waste at site. The County developed and implemented a written inspection program for construction site controls installed pursuant to the County's construction site runoff control program.</p> <p>The County also created a database to document and maintain records of inspections, findings and enforcement actions and make them available for review by the permitting authority.</p>
E.	Receipt of Public Inquires	Developed procedures for receiving and consideration of public inquires, concerns, and information submitted regarding local construction activities.

TABLE 2: ADMINISTRATIVE INFORMATION

PRIMARY CONTACT	POSITION OR TITLE
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Taylor Brewer	Stormwater Program Manager
OTHER DEPARTMENT	ROLE
Stormwater Regulatory	Enforcement
Community Development	Enforcement and Development Planning
Legal	Enforcement
Building and Code Enforcement	Enforcement
BEST MANAGEMENT PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES (Continued)	
GOVERNMENT ENTITY	ROLE
Beaufort County SW Utility	Primary responsible party
OTHER INSTITUTION	ROLE
Carolina Clear Clemson University	Public Education and Training
EQUIPMENT NEEDS (IF APPLICABLE)	
N/A	
GROUP	TARGET DESCRIPTION
N/A	N/A

ADDENDUM TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI) BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES <i>These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)</i>	
SECTION FOUR	
TABLE 3: BEST MANAGEMENT PRACTICES	
<p>The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures.</p> <p>Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP.</p> <p>For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year. Also, certain BMPs - e.g., an ordinance - should be put in place within one year.</p>	
BMP A	MEASURABLE GOALS AND MILESTONES
Goals	<p>Revised stormwater management ordinance, or other regulatory mechanism, to adequate and clearly state the legal authorities to meet the objectives of the construction site runoff requirements for the Stormwater Management Program.</p> <p>Established the authority to review designs and proposals for new development and redevelopment to determine whether adequate stormwater runoff control measures will be installed, implemented, and maintained during construction consistent with Section 4.2.4.5.f of SCR0300000</p> <p>Established the authority to request information such as stormwater plans, inspection reports, monitoring results, and other information deemed necessary to evaluate compliance with the Construction Site Runoff Stormwater Management Program.</p> <p>Established the authority to enter private and public property for the purpose of inspecting at reasonable times any facilities, equipment, practices, or operations related to construction sites with devices to control erosion and sediment control and other waste at site.</p>

Milestone Year 1	Developed ordinance setting forth construction site runoff criteria, requiring implementation and continued maintenance of pre-construction BMPs until close out of project. The ordinance will include all necessary authorities for design review and approval, inspection, and monitoring.
Milestone Year 2	Continued implementation of ordinance setting forth construction site runoff criteria, requiring implementation and continued maintenance of pre-construction BMPs until close out of project.
Milestone Year 3	Continued implementation of ordinance setting forth construction site runoff criteria, requiring implementation and continued maintenance of pre-construction BMPs until close out of project.
Milestone Year 4	Continued implementation of ordinance setting forth construction site runoff criteria, requiring implementation and continued maintenance of pre-construction BMPs until close out of project.
Milestone Year 5	Reviewed and reassessed ordinance and continue implementation of ordinance setting forth construction site runoff criteria, requiring implementation and continued maintenance of pre-construction BMPs until close out of project.
Milestone Year 6	Continued implementation of ordinance setting forth construction site runoff criteria, require implementation and continued maintenance of pre-construction BMPs until close out of project.
Milestone Year 7	Continued implementation of ordinance setting forth construction site runoff criteria; required implementation and continued maintenance of construction BMPs until close out of project.
Milestone Year 8	Continued implementation of ordinance setting forth construction site runoff criteria; require implementation and continued maintenance of construction BMPs until close out of project.
Goal for Year 9	Continue implementation of ordinance setting forth construction site runoff criteria; require implementation and continued maintenance of construction BMPs until close out of project.

BMP B	MEASURABLE GOALS AND MILESTONES
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Goals	Developed requirements for the implementation of appropriate BMPs on a construction site to control erosion and sediment and other waste at the site.
Milestone Year 1	Implemented construction site runoff control standards.
Milestone Year 2	Implemented construction site runoff control standards.
Milestone Year 3	Implemented construction site runoff control standards.
Milestone Year 4	Continued to implement construction site runoff control standards.
Milestone Year 5	Continued to implement construction site runoff control standards. Review and reassess construction site runoff control standards.
Milestone Year 6	Continued to implement construction site runoff control standards. Implemented Southern Lowcountry Design Manual in February 2021.
Milestone Year 7	Continued to implement construction site runoff control standards.
Milestone Year 8	Continued to implement construction site runoff control standards.
Goal for Year 9	Continue to implement construction site runoff control standards.

BMP C	MEASURABLE GOALS AND MILESTONES
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Goals	Developed plan review procedures to determine if the construction site is in compliance with erosion control requirements determined by the County. Set requirements and procedures for a pre-construction meeting and tracking of current construction activities for the County and the public.
Milestone Year 1	Educated County staff of construction site runoff control standards and plan requirements.
Milestone Year 2	Implemented procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control.
Milestone Year 3	Implemented procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control.

Milestone Year 4	Implemented procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control.
Milestone Year 5	Implement procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control. Reviewed and reassessed procedures and requirements.
Milestone Year 6	Implemented Southern Lowcountry Design Manual procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control in both Munis and Energov when it goes live in early 2024. of 2021
Milestone Year 7	Continued to implement Southern Lowcountry Design Manual procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control in Energov.
Milestone Year 8	Continued to implement Southern Lowcountry Design Manual procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control in Energov. Opened SoLoCo Manual up for comment and suggestion from the engineering/developer community.
Goal for Year 9	Continue to implement Southern Lowcountry Design Manual procedures and requirements for construction site compliance, pre-construction meetings, and tracking of current construction activities for erosion and sediment control in Energov. Comments received during Year 8 will be reviewed by staff and possibly incorporated into future edits of the manual.
BMP D	MEASURABLE GOALS AND MILESTONES
Goals	Developed BMP manual and stormwater ordinance to ensure that all erosion control measures meet the County's performance standards to control erosion and sediment and other waste at site. The County shall develop and implement a written inspection program for construction site controls installed pursuant to the County's construction site runoff control program. Created database to document and maintain records of inspections, findings and enforcement actions and make them available for review by the permitting authority.
Milestone Year 1	Developed a stormwater ordinance that references a written inspection program; including issuing infractions, development of a database for tracking and inspecting pre-construction control devices, and a draft written inspection program.
Milestone Year 2	Completed stormwater ordinance and written inspection program.
Milestone Year 3	Implemented the stormwater ordinance and inspection program, including to update the database with inspection records, findings and enforcement actions.
Milestone Year 4	Continued to implement the stormwater ordinance and inspection program, including to update the database with inspection records, findings and enforcement actions.
Milestone Year 5	Continue to implement the stormwater ordinance and inspection program, including updating the database with inspection records, findings and enforcement actions. Reviewed and reassessed the ordinance and inspection program.
Milestone Year 6	Continued to implement the Stormwater ordinance and inspection program, including updating the database with inspection records, findings, and enforcement actions using both Munis and Energov when it went live in October 2021.
Milestone Year 7	Continued to implement the Stormwater ordinance and inspection program, which included updating the database with inspection records, findings, and enforcement actions in Energov.
Milestone Year 8	Continued to implement the Stormwater ordinance and inspection program, including updating the database with inspection records, findings, and enforcement actions in Energov.
Goal for Year 9	Continue to implement the Stormwater ordinance and inspection program, including updating the database with inspection records, findings, and enforcement actions in Energov.
BMP E	MEASURABLE GOALS AND MILESTONES

Goals	Developed procedures for receiving and consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 1	Developed procedures for receiving and distributing to key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 2	Completed procedures for receiving and distributing to key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 3	Implemented procedures for receiving and distributing to key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 4	Continued to implement procedures for receiving and distributing to key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 5	Continue to implement procedures. Review and reassess procedures for receiving and distributing to key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 6	Continued to implement procedures for receiving and distributing key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 7	Continued to implement procedures for receiving and distributing key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Milestone Year 8	Continued to implement procedures for receiving and distributing key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.
Goal for Year 9	Continue to implement procedures for receiving and distributing key staff for consideration of public inquires, concerns, and information submitted regarding local construction activities.

**SECTION 5
POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT OR
PERMANENT / LONG TERM STORM WATER POLLUTION CONTROL MEASURES**

POST-CONSTRUCTION STORMWATER MANAGEMENT PROGRAM

1. Will the Post-Construction Stormwater Management Program require that controls are in place to meet the site performance standards in Part 4.2.5.2 to the MEP and to protect water quality?

Yes No If no, explain

2. Does the MS4 currently have in place mechanisms or strategies to address permanent stormwater runoff management from new development or redevelopment projects that result in land disturbance of one acre or more? For example, land use planning requirements, zoning directives, site-based local controls such as riparian buffer zone protection; storage or detention of stormwater prior to release to streams; practices to cause stormwater to percolate the soil rather than runoff immediately; vegetative practices.

Yes No

If Yes, please provide a brief narrative of - and/or references to - the structural and non-structural strategies, describing strategies implemented, Best Management Practices allowed, technical guidance, responsible departments, and personnel (by title).

Sections 2 and 5 of the BMP Manual states: All development that creates runoff and/or discharge may adversely impact water quality in county streams, lakes and tidal waterbodies. Therefore, all proposed development and redevelopment shall be required to submit a Drainage Plan to show compliance with the peak attenuation, water quality, volume and construction pollution control requirements in this manual

SITE PERFORMANCE STANDARDS

1. Has the permittee established, implemented and enforced a requirement that owners or operators of new development and redeveloped sites discharging to the MS4, which disturb greater than or equal to one acre (including projects that disturb less than one acre that are part of a larger common plan of development or sale), design, install, implement, and maintain stormwater control measures that maintain pre-development conditions and protect water quality to the MEP?

Yes No **SoLoCo Manual** Page Number **Sec.: 3.4** Paragraph Number
Ch 3

PERMANENT STORMWATER CONTROLS SITE MANAGEMENT ORDINANCE

1. Do you currently have an ordinance or regulatory mechanism that addresses permanent stormwater runoff management from new development and redevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next section on permanent stormwater management plans review.

Yes No **3.2** Page Number **Sec.: 3.2** Paragraph Number

2. Does the ordinance or regulatory mechanism require controls to mitigate pollutants in stormwater runoff? If yes, note page number and paragraph number.

Yes No **A** Page Number **99-115** Paragraph Number

3. Does the ordinance or regulatory mechanism require (explicitly or implicitly) that controls be implemented for any new development or redevelopment projects greater than or equal to one acre, including projects less than one acre that are part of a large common plan of development or sale, that discharge into your small MS4? If yes, note page number and paragraph number.

Yes No **3.2** Page Number **Sec.: 3.2** Paragraph Number

4. Does the ordinance or regulatory mechanism contain or reference technical standards for water quality controls (e.g., design of detention basins)? If yes, note page number and paragraph number.

Yes No **Ch 3** Page Number **Sec.: 3.7.2** Paragraph Number

5. Does the ordinance or regulatory mechanism clearly define the criteria for submittal -who must submit - of permanent stormwater management design information or plans? If yes, note page number and paragraph number.

Yes No **Ch 2** Page Number **Sec.: 2.2** Paragraph Number

6. Does the ordinance or regulatory mechanism require approval prior to construction of permanent stormwater management controls? If yes, note page number and paragraph number.

Yes No CH 2 Page Number Sec.2.3.1 Paragraph Number

7. Does the ordinance or regulatory mechanism require re-submittal of permanent stormwater management design information or plans if site plans change after the initial design has been approved? If yes, please note page number and paragraph number.

Yes No CH 2 Page Number Pg 37 Paragraph Number

8. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to penalize the owner of permanent stormwater management controls for violations? If yes, note page number and paragraph number.

Yes No A-32 Page Number 99-504 Paragraph Number

9. Does the ordinance or regulatory mechanism allow the MS4 right-of-entry on property where permanent stormwater management controls are installed for inspections? If yes, please note page number and paragraph number.

Yes No A-3 Page Number 99-104 Paragraph Number

10. Does the ordinance or regulatory mechanism require that permanent stormwater management controls have adequate and long-term operation and maintenance? If yes, please note page number and paragraph number. If no, how does the MS4 owner/operator maintain permanent stormwater management controls?

Yes
No

Appendix A 99-103 Page A-5 and A-6

11. Does the ordinance or regulatory mechanism require establishment and maintenance of water quality buffers in areas of new development and redevelopment?

Yes **Appendix A Sec.: 99-300 Page A-24** No If no, explain

PERMANENT STORMWATER MANAGEMENT PLANS REVIEW

1. Does the MS4 presently have in place a technical review process (i.e. engineering department, planning department, zoning board) that evaluates new development and redevelopment with regard to the impact that permanent stormwater runoff will have on receiving streams? Plan review must specifically address site performance standards and ensure long term maintenance.

Yes No

If Yes, provide a brief narrative or a flow chart of the review process, describing the process steps, responsible personnel (by department, title and contact person), and criteria used for evaluation of information or plans that are submitted.

The review process starts with the Community Development Department with Hillary Austin, Zoning Administrator. Ms. Austin distributes engineering related items such as stormwater construction plans and calculations to the Stormwater Department with Julianna Corbin, EIT, Environmental Engineer, who coordinates with the professional engineer of record for questions and comments on the submitted design.

2. Does the MS4 presently have in place a requirement for submittal of 'as-built' certifications at project completion to ensure that site performance standards and long term maintenance requirements are met?.

Yes No If no, explain

3. Does the MS4 presently include measures for effective water quality protection in its watersheds?

Yes No If no, explain

4. Does the MS4 track Post-Construction Stormwater Control measures?

Yes No If no, explain

5. Does the MS4 conduct inspection of permanent storm water controls and document all findings and enforcement actions?

Yes No If no, explain

Complete Tables 1, 2, and 3 (BMP Measurable Goals and Milestones) in the addendum of this NOI. Identify and outline measurable goals and milestones. Attach completed Section 1 tables to this NOI.

ADDENDUM
TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES
These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION FIVE

TABLE 1: BMP MEASURABLE GOALS AND IMPLEMENTATION MILESTONES

	Name	DESCRIPTION
A.	Adequate legal authorities	<p>Maintain through an ordinance, or other regulatory mechanism, adequate legal authorities to meet the objectives of the Post-Construction Site Runoff Controls program.</p> <p>Establish the authority to review designs and proposals for new development and redevelopment to determine whether adequate stormwater control measures will be installed, implemented, and maintained.</p> <p>Establish the authority to request information such as stormwater plans, inspection reports, monitoring results, and other information deemed necessary to evaluate compliance with the Post-Construction Stormwater Management Program.</p> <p>Establish the authority to enter private property for the purpose of inspecting at reasonable times any facilities, equipment, practices, or operations related to stormwater discharges to determine whether there is compliance the Post-Construction Stormwater Management Program.</p>
B.	Determine BMPs	Review and revise (as necessary) the current Beaufort County Stormwater Manual to include the latest BMPs (non-structural, structural, infiltration, and vegetation).
C.	Plan reviews	Conduct site plan reviews of all new development and redeveloped sites that disturb greater than or equal to one acre (including sites that disturb less than one acre that are part of a larger common plan of development or sale). The site plan review shall address how the project applicant meets the performance standards and how the project will ensure long-term maintenance.
D.	Provide a mechanism to require long-term operation and maintenance of structural BMPs	Implement or require an operation and maintenance plan for the long-term operation of the structural BMPs required by the program. The operation and maintenance plan shall require the owner of each structural BMP to perform and maintain a record of annual inspections of each structural BMP. Annual inspection of permitted structural BMPs shall be performed by a qualified professional.
E.	Inspections of Structural Stormwater Control Measures	<p>To ensure that all stormwater control measures meet the County's performance standards and are being maintained pursuant to the maintenance agreement, the County shall develop and implement a written inspection program for structural stormwater controls installed pursuant to the County's post-construction program for all public and privately owned stormwater control measures with the County.</p> <p>Document and maintain records of inspections, findings and enforcement actions and make them available for review by the permitting authority. Maintain a GIS based inventory of all Post-Construction Stormwater Control Measures.</p>
F.	Enforcement	Track the issuance of notices of violation and enforcement actions. This mechanism shall include the ability to identify chronic violators for initiation of actions to reduce noncompliance.

TABLE 2: ADMINISTRATIVE INFORMATION

PRIMARY CONTACT	POSITION OR TITLE
Taylor Brewer	Stormwater Program Manager
OTHER DEPARTMENT	ROLE
Community Development Department	Ordinance assistance
Legal	Ordinance assistance

BEST MANAGEMENT PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES (Continued)	
GOVERNMENT ENTITY	ROLE
Beaufort County SW Utility	Primary responsible party
OTHER INSTITUTION	ROLE
Carolina Clear/Clemson University	Training assistance
EQUIPMENT NEEDS (IF APPLICABLE)	
N/A	
GROUP	TARGET DESCRIPTION
N/A	N/A

**ADDENDUM
TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**
[These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent \(NOI\)](#)

SECTION FIVE

TABLE 3: BEST MANAGEMENT PRACTICES

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year. Also, certain BMPs - e.g., an ordinance - should be put in place within one year.

BMP A	MEASURABLE GOALS AND MILESTONES
Goals	<p>Maintain through an ordinance, or other regulatory mechanism, adequate legal authorities to meet the objectives of the Post-Construction Site Runoff Controls program.</p> <p>The County shall have the authority to review designs and proposals for new development and redevelopment to determine whether adequate stormwater control measures will be installed, implemented, and maintained.</p> <p>The County shall have the authority to request information such as stormwater plans, inspection reports, monitoring results, and other information deemed necessary to evaluate compliance with the Post-Construction Stormwater Management Program.</p> <p>The County shall have the authority to enter private property for the purpose of inspecting at reasonable times any facilities, equipment, practices, or operations related to stormwater discharges to determine whether there is compliance the Post-Construction Stormwater Management Program.</p>
Milestone Year 1	Developed ordinance setting forth design criteria, requiring implementation and continued maintenance of post-construction BMPs. The ordinance will include all necessary authorities for design review and approval, inspection, and monitoring.
Milestone Year 2	Implemented ordinance setting forth design criteria, requiring implementation and continued maintenance of post-construction BMPs.
Milestone Year 3	Continued implementation of ordinance setting forth design criteria, requiring implementation and continued maintenance of post-construction BMPs.
Milestone Year 4	Continued implementation of ordinance setting forth design criteria, requiring implementation and continued maintenance of post-construction BMPs.
Milestone Year 5	Continued to implement ordinance setting forth design criteria, requiring implementation and continued maintenance of post-construction BMP's. Review and reassess ordinance.

Milestone Year 6	Continued to implement ordinance setting forth design criteria, requiring implementation, and continued maintenance of post-construction BMPs. Ordinance was updated in February 2021 to reflect new design standards implemented with the adoption of the Southern Lowcountry Design Manual.
Milestone Year 7	Continued to implement ordinance setting forth design criteria, requiring implementation, and continued maintenance of post-construction BMPs.
Milestone Year 8	Continued to implement ordinance setting forth design criteria, requiring implementation, and continued maintenance of post-construction BMPs.
Goal for Year 9	Continue to implement ordinance setting forth design criteria, requiring implementation, and continued maintenance of post-construction BMPs.
BMP B	MEASURABLE GOALS AND MILESTONES
Goals	Review and revise (as necessary) the current Beaufort County Stormwater BMP Manual to include the latest BMPs (non-structural, structural, infiltration, and vegetation).
Milestone Year 1	Completed review and updates of the Beaufort County Stormwater BMP Manual as necessary to implement desired BMPs. Beaufort County Stormwater BMP Manual.
Milestone Year 2	Implemented the Beaufort County Stormwater BMP Manual. Began additional maintenance revisions to the BMP manual as needs were identified through implementation.
Milestone Year 3	Continued to implement the Beaufort County Stormwater BMP Manual.
Milestone Year 4	Continued to implement the Beaufort County Stormwater BMP Manual.
Milestone Year 5	Continued to implement the Beaufort County Stormwater BMP Manual. Reviewed and reassessed the Beaufort County Stormwater BMP Manual.
Milestone Year 6	Continue to implement the Beaufort County Stormwater BMP Manual through January 2021. Adopted and implemented the Southern Lowcountry Design Manual in February 2021.
Milestone Year 7	Continued to implement the Southern Lowcountry Design Manual.
Milestone Year 8	Continued to implement the Southern Lowcountry Design Manual. Staff is investigating new BMPs.
Goal for Year 9	Continue to implement the Southern Lowcountry Design Manual. Asses: should new BMPs be included in options defined in the SoLoCo Manual?
BMP C	MEASURABLE GOALS AND MILESTONES
Goals	The County shall conduct site plan reviews of all new development and redeveloped sites that disturb greater than or equal to one acre (including sites that disturb less than one acre that are part of a larger common plan of development). The site plan review shall address how the project applicant meets the performance standards and how the project will ensure long-term maintenance.
Milestone Year 1	Complete plans review process and procedures in conjunction with developing the stormwater ordinance. Redefined the plans-review process and procedures in conjunction with developing the stormwater ordinance, including review and clearly stating criteria for stormwater treatment and design standards.
Milestone Year 2	Implemented plans review process and procedures. Reviewed 113 plans and worked with designers and engineers of record to meet requirements.
Milestone Year 3	Continued implementation of plans review process and procedures. Reviewed 124 plans and worked with designers and engineers of record to meet requirements.
Milestone Year 4	Continued to implement the plans review process and procedures. Reviewed 99 plans and worked with designers and engineers of record to meet requirements.
Milestone Year 5	Continue to implement the plan review process. Reviewed and reassessed the plans review process and procedures.
Milestone Year 6	Continue to implement the plan review process. Reviewed and reassessed the plans review process and procedures. The plan review process was updated with the adoption of the Southern Lowcountry Design Manual.

Milestone Year 7	Continued to implement the plan review process. Reviewed all plans as they come in and continued to work with the development community to implement the design requirements of the County.
Milestone Year 8	Continued to implement the plan review process. Review all plans as they come in and continue to work with the development community to implement the design requirements of the County.
Goal for Year 9	Continue to implement the plan review process. Review all plans as they come in and continue to work with the development community to implement the design requirements of the County.
BMP D	MEASURABLE GOALS AND MILESTONES
Goals	The County shall implement or require an operation and maintenance plan for the long-term operation of the structural BMPs required by the program. The operation and maintenance plan shall require the owner of each structural BMP to perform and maintain a record of annual inspections of each structural BMP. Annual inspection of permitted structural BMPs shall be performed by a qualified professional.
Milestone Year 1	Developed procedures to require an operation and maintenance plan for the long-term operation of the structural BMPs required by the program. Completed procedures to require an operation and maintenance plan for the long-term operation of the structural BMPs required by the program. Made available stormwater control measure (SCM) maintenance plan templates.
Milestone Year 2	Educated SCM operators of maintenance plan requirements. Recorded maintenance agreements and issued a County Stormwater permit in order to schedule annual inspections. The County requires a maintenance plan for each SCM and enters the appropriate data into SCM database.
Milestone Year 3	Continue to implement maintenance plan for each SCM and enter appropriate data into SCM database. Educated SCM operators of maintenance plan requirements. Recorded maintenance agreements and issued a County Stormwater permit in order to schedule annual inspections. The County requires a maintenance plan for each SCM and enters the appropriate data into SCM database.
Milestone Year 4	Continue to implement maintenance plan for each SCM and enter appropriate data into SCM database. Educated SCM operators of maintenance plan requirements. Recorded maintenance agreements. The County requires a maintenance plan for each SCM and enters the appropriate data into SCM database.
Milestone Year 5	Continued to implement maintenance plan for each SCM and enter appropriate data into SCM database. Educated SCM operators of maintenance plan requirements. Recorded maintenance agreements.
Milestone Year 6	Continued to implement maintenance plan for each SCM and enter appropriate data into SCM database. Educated SCM operators of maintenance plan requirements. Continued to record maintenance agreements.
Milestone Year 7	Continued to implement a maintenance plan for each SCM and enter appropriate data into SCM database. Educated SCM operators of maintenance plan requirements. Continued to record maintenance agreements.
Milestone Year 8	Continued to implement maintenance plan for each SCM and enter appropriate data into SCM database. Educate SCM operators of maintenance plan requirements. Continue to record maintenance agreements.
Goal for Year 9	Continue to implement maintenance plan for each SCM and enter appropriate data into SCM database. Educate SCM operators of maintenance plan requirements. Continue to record maintenance agreements.
BMP E	MEASURABLE GOALS AND MILESTONES
Goals	To ensure that all stormwater control measures meet the County's performance standards and are being maintained pursuant to the maintenance agreement, the County shall develop and implement a written inspection program for structural stormwater controls installed pursuant to the County's post-construction program. The County shall document and maintain records of inspections, findings and enforcement actions and make them available for review by the permitting authority.
Milestone Year 1	Created a written inspection program and start to develop stormwater ordinance that references the written inspection program. Begin to setup database for tracking and inspecting post-construction stormwater control measures.
Milestone Year 2	Completed the written inspection program and stormwater ordinance that references the written inspection program. Completed the setup of a database for tracking and inspecting post-construction stormwater control measures.

Milestone Year 3	Implemented routine inspections.
Milestone Year 4	Continued to implement routine inspections.
Milestone Year 5	Completed inspection of every post-construction SCM and documented inspections, findings and enforcement actions in the database.
Milestone Year 6	Continued to implement routine inspection procedures on SCMs and document inspections, findings, and enforcement actions in the database. Reviewed procedures.
Milestone Year 7	Continued to implement routine inspection procedures on SCMs and documented inspections, findings, and enforcement actions in the database. Revised and implemented updated procedures.
Milestone Year 8	Continued to implement routine inspection procedures on SCMs and document inspections, findings, and enforcement actions in the database. Developed new letter-mailing program to require private landowners to have BMPs inspected and to submit inspection report to County staff for review.
Goal for Year 9	Evaluate letter-mailing program for effectiveness.
BMP F	MEASURABLE GOALS AND MILESTONES
Goals	Track the issuance of notices of violation and enforcement actions. This mechanism shall include the ability to identify chronic violators for initiation of actions to reduce noncompliance.
Milestone Year 1	Developed procedures and database for tracking post-construction stormwater control measures violations.
Milestone Year 2	Identified and input SCMs violations in database. Completed procedures and database for tracking post-construction stormwater control measures violations.
Milestone Year 3	Continued to identify and input SCMs violations in database.
Milestone Year 4	Continued to identify and input SCMs violations in database.
Milestone Year 5	Completed inventory of county-wide inspections of current SCMs and corresponding violation(s).
Milestone Year 6	Continued to identify and input SCMs violations in database. Review procedures.
Milestone Year 7	Continued to identify and input SCMs violations in database. Revised and implemented updated procedures.
Milestone Year 8	Continued to identify and input SCMs violations in database. Revise and implement updated procedures.
Goal for Year 9	Continue to identify and input SCMs violations in database. Revise and implement updated procedures.

**SECTION 6
POLLUTION PREVENTION / GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS**

MUNICIPAL FACILITIES AND STORMWATER CONTROL INVENTORY

1. Has the MS4 owner/operator obtained a SC Industrial Stormwater General Permit coverage or a no-exposure waiver for all qualifying municipal industrial activities? If yes, please give permit numbers or copy of the No-Exposure Certification form. .

Yes No

Mosquito Control	Hilton Head Airport	Lady's Island Airport	Permit Numbers(s)
SCG160002	SCR002271	SCR001962	

2. List municipally owned or operated facilities that have a notable potential for contaminating runoff: for example - vehicle maintenance garages; waste transfer operations; golf courses; salt or other materials storage; landfill. If more than one facility for a given type of operation; give the number of such facilities. Indicate if any of these are covered by an NPDES permit. Is there a documented pollution prevention plan in place for these facilities?

Notable Potential for Pollution (Y/N)	Priority (H/M/L)	FACILITY OR TYPE OF OPERATION	POLLUTANT OF CONCERN	STREET ADDRESS	TYPE_USE	AUDITED IN PERMIT YR (Y/N)	Activity Covered by NPDES Permit? (Y/N)	Is a Pollution Prevention Plan in Effect? (Y/N)
Y	L	HILTON HEAD AIRPORT TERMINAL	Fuel	120 BEACH CITY RD	Airport	Y	Y	Y
Y	L	LI AIRPORT TERMINAL	Fuel	237 SEA ISLAND PKWY	Airport	Y	Y	Y
Y	L	LI AIRPORT HANGARS	Fuel, Chemicals	237 SEA ISLAND PKWY	Airport	Y	Y	Y
Y	L	LI AIRPORT T-HANGER	Fuels, Chemicals	237 SEA ISLAND PKWY	Airport	Y	Y	Y
Y	L	ARTHUR HORNE BUILDING	Generator Fuel	104 RIBAUT RD	County Administration	N	N	N
Y	L	BIV BLDG 3	Generator	102 INDUSTRIAL VILLAGE RD	County Administration	N	N	N
Y	L	CORONER	Generator	1804 OLD SHELL RD	County Administration	N	N	N
Y	L	DSN OFFICE	Generator	1 WASTEWATER WAY	County Administration	N	N	N
Y	L	COUNTY DETENTION CENTER	Generator	106 RIBAUT RD	Detention Center	N	N	N
Y	H	BIG ESTATE DOC BLDG	Solid Waste	63 BIG ESTATE RD	Drop Off Center	Y	N	N
Y	H	BLUFFTON DOC BLDG	Solid Waste	104 SIMMONSVILLE RD	Drop Off Center	Y	N	N
Y	H	COFFIN PT DOC BLDG	Solid Waste	20 CEE CEE RD	Drop Off Center	Y	N	N
Y	H	CUFFY DOC BLDG	Solid Waste	138 CUFFY RD	Drop Off Center	Y	N	N
Y	H	DAUFUSKIE ISLAND DOC	Solid Waste	186 HAIG POINT RD	Drop Off Center	Y	N	N
Y	H	HILTON HEAD DOC	Solid Waste	26 Summit Drive	Drop Off Center	Y	N	N
Y	H	GATES DOC BLDG	Solid Waste	316 CASTLE ROCK RD	Drop Off Center	Y	N	N
Y	H	LOBECO DOC BLDG	Solid Waste	6 KEANS NECK RD	Drop Off Center	Y	N	N
Y	H	PRITCHARDVILLE DOC BLDG	Solid Waste	54 GIBBET RD	Drop Off Center	Y	N	N
Y	H	SHANKLIN RD DOC BLDG	Solid Waste	94 SHANKLIN RD	Drop Off Center	Y	N	N
Y	H	SHELDON DOC BLDG	Solid Waste	208 PAIGE POINT RD	Drop Off Center	Y	N	N
Y	H	STHEL DOC ATTENDANT BLDG	Solid Waste	639 SEA ISLAND PKY	Drop Off Center	Y	N	N
Y	H	STHEL DOC STORAGE SHLTR	Solid Waste	639 SEA ISLAND PKY	Drop Off Center	Y	N	N
Y	H	STHEL DOC TIRE/OIL SHLTR	Solid Waste	639 SEA ISLAND PKY	Drop Off Center	Y	N	N
Y	L	EMS-1 (EMS HEADQUARTERS)	Generator	2727 DEPOT RD	EMS	N	N	N
Y	M	LI FIRE DISTRICT 1 (SHERIFF HELICOPTER)		146 LADYS ISLAND DR	Fire Department	N	N	N
Y	L	ST HELENA LIBRARY	Generator	6355 JONATHAN FRANCIS SR DR	Library	N	N	N
Y	H	PUBLIC WORKS FUEL STATION	Fuel	94 SHANKLIN RD	Miscellaneous	Y	N	N
Y	L	BASIL GREEN COMPLEX – Maintenance Shed	Herbicide, Fuel	1500 RODGERS ST	PALS	N	N	N
Y	L	BATTERY CREEK INDOOR POOL	Chemicals	1 BLUE DOLPHIN DR	PALS	N	N	N
Y	L	BEAUFORT INDOOR POOL	Chemicals	84A SEA ISLAND PKWY	PALS	N	N	N
Y	L	BLUFFTON POOL	Chemicals	200 BURNT CHURCH RD	PALS	N	N	N
Y	L	BURTON WELLS REC CENTER	Generator	1 MIDDLETON RECREATION DR	PALS	N	N	N
Y	L	CHARLES "LIND" BROWN POOL	Chemicals	1710 GREENE ST	PALS	N	N	N
Y	M	CROSSINGS PARK	Maintenance Shed, Fuel	6 HAIG POINT CIR	PALS	N	N	N
Y	L	BCSO	Generator	2001 DUKE ST	Police	N	N	N
Y	H	LRTA	Fuel	25 BENTON FIELD RD	Public Service	Y	N	N
Y	L	MOSQUITO CONTROL OFFICE	Chemicals	84 SHANKLIN RD	Public Service	Y	N	N
Y	H	PUBLIC WORKS MAINTENANCE BLDG	Fuel, Oil	120 SHANKLIN RD	Public Service	Y	N	N
Y	H	PUBLIC WORKS SOUTH	Fuel, Oil	9 BENTON FIELD RD	Public Service	Y	N	N

In addition to considering industrial-type operations, you must also consider municipal infrastructure, and related maintenance activities, maintenance schedules and long-term inspection procedures for structural controls and the proper disposal of waste from storm sewers/catch basins, etc. Also included in this program area is discharge of pollutants from roads and parking lots. See Part

MUNICIPAL OPERATIONS POLLUTION PREVENTION

1. Does the MS4's operations and maintenance program have policies and procedures in place that address pollution prevention? If yes, please describe procedures. Consider the following in your response: Municipally owned or operated facility assessment (4.2.6.2), Facility specific stormwater management SOP and facility stormwater controls (4.2.6.3), Storm sewer system maintenance activities-MS4 Maintenance (4.2.6.4), Flood management projects, (4.2.6.5), Pesticide, herbicide and fertilizer application and management in landscape maintenance (4.2.6.6). You may want to incorporate maintenance activities, maintenance schedules; long term inspection procedures for structural and non-structural stormwater controls to reduce floatables and other pollutants; controls for reducing or eliminating the discharge of pollutants from streets, roads, highways; controls for reducing or eliminating pollutants from municipal parking lots, maintenance and storage yards, fleet or maintenance areas with outdoor storage areas, salt/sand storage areas, snow disposal areas, waste transfer stations; disposal of waste removed from storm sewers and the areas listed above; and assessment of impacts on water quality from all of the above.

Yes
 No

If no, explain

STAFF EDUCATION AND TRAINING

1. Does the MS4's current operation and maintenance program provide annual training for staff on preventing and reducing stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance?

Yes No If no, explain

2. Are training activities documented? If yes, please describe training and method of record-keeping.

Yes
 No

If yes, explain **All records of training are documented as part of our Public education report. Sign in sheets are provided and filed with training records.**

**REQUIREMENTS FOR CONTRACTORS
OVERSIGHT**

1. Are contractors hired by the permittee to perform municipal maintenance activities required to comply with all municipal operations control measures?

Yes No If no, explain

2. Are oversight procedures documented? If yes, please describe SOP.

Yes
 No

While all contractors working for the County are required to comply with the County's SoLoCo Manual, the emphasis has been placed on construction oversight to date. Activities in the next years will focus on maintenance activity oversight in addition to construction oversight.

Complete Tables 1, 2, and 3 (BMP Measurable Goals and Milestones) in the addendum of this NOI. Identify and outline measurable goals and milestones. Attach completed Section 1 tables to this NOI.

**ADDENDUM
TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**
These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION SIX

TABLE 1: BMP MEASURABLE GOALS AND IMPLEMENTATION MILESTONES

	Name	DESCRIPTION
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A.	Facilities SWPPP Development	Identify priority facilities and develop SWPPPs, SOPs and training where needed.
B.	Training programs	Provide training program for grounds maintenance, landscaping crews, and roadway and drainage staff.
C.	Parking Lot and Street Cleaning	Prioritize and improve street and parking lot cleaning practices.

TABLE 2: ADMINISTRATIVE INFORMATION

PRIMARY CONTACT	POSITION OR TITLE
Taylor Brewer	Stormwater Program Manager
OTHER DEPARTMENT	ROLE
Public Works	SWPPP implementation
Mosquito Control	SWPPP implementation
Airports	SWPPP implementation
GOVERNMENT ENTITY	ROLE
Beaufort County SW Utility	Primary responsible party
Sheriff	SWPPP Detention Facility implementation
OTHER INSTITUTION	ROLE
N/A	N/A
EQUIPMENT NEEDS (IF APPLICABLE)	
SWPP Plans	
GROUP	TARGET DESCRIPTION
County facility staff	Staff at County facilities subject to stormwater good housekeeping measures.

ADDENDUM

**TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT (SMS4-NOI)
BEST MANAGEMENT PRACTICES (BMP) MEASURABLE GOALS AND MILESTONES**

These tables must be completed and attached for each of Sections 1 thru 6 of this Notice of Intent (NOI)

SECTION SIX

TABLE 3: BEST MANAGEMENT PRACTICES

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year. Also, certain BMPs - e.g., an ordinance - should be put in place within one year.

BMP A	MEASURABLE GOALS AND MILESTONES
Goals	Facilities SWPPP development.
Milestone Year 1	Developed procedures for asset management of facilities and high priority areas. Facilities Management has prepared a list of facilities to determine high priority based on chemicals stored on site and potential hazardous materials.
Milestone Year 2	Reviewed facilities list and determined high priority sites. Conducted inspections of priority facilities and began identifying SWPPP needs. Issued County SW permit to aid facility tracking.

Milestone Year 3	Develop SWPPP's for priority facilities. Conduct annual inspection. Continued issuing County SW permits to aid facility tracking. Conducted annual inspections of priority facilities and continued identifying SWPPP needs.
Milestone Year 4	Conducted annual inspection. Developed 12 SWPPPs for priority facilities.
Milestone Year 5	Conducted annual inspection. Begin implementation of facility SWPPPs
Milestone Year 6	Conducted annual inspections. Work with a consultant to develop SWPPPs for priority facilities.
Milestone Year 7	Conducted annual inspections. Work with a consultant to develop SWPPPs for priority facilities.
Milestone Year 8	Conducted annual inspections. Consultant completed SWPPPs for all priority facilities.
Goal for Year 9	Conduct annual inspections. Consultant completed SWPPPs for all priority facilities.

BMP B	MEASURABLE GOALS AND MILESTONES
Goals	Provide training program for grounds maintenance, landscaping crews, and roadway and drainage staff.
Milestone Year 1	
Milestone Year 2	Developed procedures for training program for grounds maintenance, landscaping crews, and roadway and drainage staff.
Milestone Year 3	Continued to develop a pollution prevention workshop for all municipal employees responsible for grounds maintenance, landscaping crews, convenience centers, and roadway and drainage staff.
Milestone Year 4	
Milestone Year 5	Reviewed and reassessed procedures and training. Provided Stormwater education to over 1400 staff members through quarterly press releases.
Milestone Year 6	Provided Stormwater education to over 1300 staff members through quarterly press releases. Review and reassess procedures and training.
Milestone Year 7	Develop and conduct a pollution prevention workshop for all municipal employees responsible for grounds maintenance, landscaping crews, roadway and drainage and other public works staff. Provide good housekeeping training to new employees.
Milestone Year 8	Developed and conducted a pollution prevention workshop for all municipal employees responsible for grounds maintenance, landscaping crews, roadway and drainage and other public works staff. Provide good housekeeping training to new employees.
Goal for Year 9	Create a handout or video or one sheet sign off to include in every new employee onboarding process so each one gets exposed to good housekeeping expectations.

BMP C	MEASURABLE GOALS AND MILESTONES
Goals	Parking Lot and Street Cleaning
Milestone Year 1	Due to the increase in development in certain areas of the County the road inventory prioritization has not changed and the County will continue to maintain on an as needed basis. The County utilizes a contract sweeper for select routes that are swept on a quarterly basis.
Milestone Year 2	The County continued to use the contract sweeper.
Milestone Year 3	Conducted routine parking lot and street sweeping in priority areas. The County purchased a vacuum truck and street sweeper as well as hired an operator.
Milestone Year 4	Continued to conduct street and parking lot sweeping in priority areas. Quantify debris collected from street sweeping. Removed 12k tons of debris from areas utilized by the sweeper.

Milestone Year 5	Continued to conduct street and parking lot sweeping in priority areas.
Milestone Year 6	Continued to conduct street and parking lot sweeping in priority areas. Assess sweeping program and priority areas.
Milestone Year 7	Continued to conduct street and parking lot sweeping in priority areas. Assess sweeping program and priority areas.
Milestone Year 8	Continued to conduct street and parking lot sweeping in priority areas. Assess sweeping program and priority areas.
Goal for Year 9	Contract out street sweeping.