



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

August 21, 2015

Mr. Eric Larson, P.E., AICP, CFM, CPSWQ
Director of Environmental Engineering
Beaufort County Stormwater Utility
120 Shanklin Road
Beaufort, SC 29906
(843) 255-2812
elarson@bcgov.net

Re: Public Notice 15-813-R
Draft Certificate of Coverage SCR031301 to Authorize Storm Water Discharges to the Atlantic Ocean and to all waters of the State from the area comprised of the geo-politico-jurisdictional boundaries of Beaufort County, SC located in the Hilton Head Island Urbanized Area as defined by the 2010 U.S. Census under the State of South Carolina National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Regulated Small Municipal Separate Storm Sewer Systems (SMS4), SCR030000.

Dear Mr. Larson,

The Department appreciates the opportunity to meet on July 29 to discuss the County's Notice of Intent (NOI) required under Section 1.4.4 of NPDES Permit SCR030000 received on November 24, 2014. Prior to our meeting, a meaningful review of the submittal was conducted to ensure its functional equivalency with the permit.

Beaufort County's submittal consists of two parts, the proposed Storm Water Management Plan (SWMP) and the Notice of Intent (NOI). The NOI and the SWMP were reviewed for adherence to clear, specific and measurable standards required in the NPDES General Permit for Storm Water Discharges from Regulated SMS4, SCR030000.

NOI Review

The NOI was submitted as required under 2.1.2 of SCR030000 to seek authorization for discharges from the Small Municipal Separate Storm Sewer System (SMS4) located in Beaufort County. After addressing comments emanating from the above referenced public notice, discharges from the regulated small MS4 (the area comprised of the geo-politico-jurisdictional boundaries of Beaufort County, SC located in the Hilton Head Island Urbanized Area as defined by the 2010 U.S. Census) will be authorized under, and therefore subject to, the State of South Carolina National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Regulated Small Municipal Separate Storm Sewer Systems (SMS4), SCR030000.

Revision of the NOI items listed below must be conducted during the first year of permit authorization and must be included in the first annual report by the date specified in the Permit Implementation Schedule part of Beaufort County Certificate of Coverage (CoC) SCR031301, December 1st, 2016 as the draft for public notice indicates.

- 1) Part I Administrative Information Beaufort County Stormwater Management Organization Chart.
Clarification of the MS4 roles and functions will be useful. Update organizational chart based on current structure. (See 4.1.4.3.a, p.17, SCR03000).
- 2) Item A, part II, on page 3 of the NOI.
It is understood that Beaufort County does not own or operate any portion of University of South Carolina Beaufort New River Campus SMS4. Does Beaufort Jasper Water and Sewer Authority own, operate, or maintain any portion of a MS4?
- 3) Between the date the NOI was submitted and the date of this review, the 2014 303(d) list was finalized. To that effect, the list of impaired water bodies located in Beaufort County should reflect this, Item D, p.4. The permit implementation schedule allows for this and for subsequent updates to the 303(d) list as required in 3.1.1.1.

SWMP Review

The concept of the proposed SWMP is good overall. In the following paragraphs, there are specific recommendations to address requirements that the SWMP contains schedules, objectives and measurable goals accountable to performance standards specified in SCR030000 (See 1.3.6, 7 & 8 p.3 of SCR030000).

Revision of the SWMP items listed below must be conducted, and reported, in the same manner as the NOI items above.

- 1) The Public Education and Outreach on Storm Water Impacts requires Beaufort County SMS4 to implement a comprehensive stormwater education / outreach program. Table 1 of Section one on page 1 of Part IV of the proposed SWMP suggest the BMP of choice to address the MCM requirement. Table 3 sets the goals and sets yearly milestones for the selected BMP. It should be noted that, with the exception of Milestone Year 5 BMP F on page 4 of the proposed SWMP, little, or no mention, is made to the assessment required in subsection 4.2.1.1.11 of SCR030000. Emphasis placed on this requirement toward the end of the permit term may prove helpful in quantifying targeted POC reduction loads based on behavior changes measured when comparing the initial and final assessments.
- 2) BMP in the Public Involvement and Participation section of the proposed SWMP address section 4.2.2.1.1 effectively. It seems that BMP B on page 7 of the proposed SWMP attempts to address the essence of ...“involve the public in the planning and implementation of the SWMP” and providing among other things “a forum and a structure by which to encourage, or to allow, the public to participate”. Milestone Year 1 should be elaborated in the written procedures required in 4.2.2.1.3 in the first SWMP annual review.

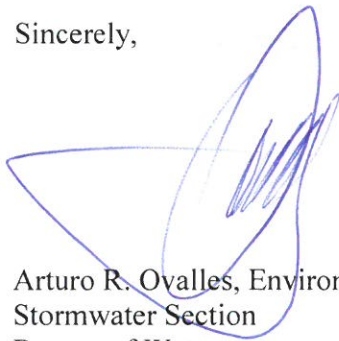
- 3) On page 8 of the SWMP, the Beaufort County small MS4 has committed to “develop a procedure for tracing the source of an illicit discharge along with determining a written field screening and analytical protocol to detect and eliminate illicit discharge within 12 months from the effective date of coverage.”
- 4) The IDDE program is an area of the SWMP in which emphasis must be placed. South Carolina Water Pollution Control Permits Regulation 61-9 122.34(b)(3) addresses this MCM. Section 4.2.3 of SCR030000 establishes controls to be implemented to meet the Maximum Extent Practicable (MEP) standard of the Clean Water Act (See 4.1.4.2.h). In particular, subsections 4.2.3.2.2, 3, 5 & 7, pp. 21, 22 & 23, direct permittees to: identify all priority areas for IDDE; to implement (not to merely develop) written screening and monitoring procedures, investigation procedures, and corrective action necessary to address illicit discharges. The SWMP schedule must reflect these requirements to meet MEP standards.
- 5) Construction Site Storm Water Runoff Control is another cornerstone MCM. The proposed SWMP touches effectively on this MCM from an overall point of view. The public involvement requirement is well addressed in Section 4 on page 15. As an integral part of the Enforcement Response Plan (ERP), enforcement procedures for this MCM must be in place. Permit requirements in 4.2.4, pp. 24- 29, must be explicitly addressed, particularly 4.2.4.4.3, and water quality emphasis be placed in the review, 4.2.4.5, in the SWMP by Nov. 1, 2016 and by March 1, 2017 as specified in the Permit Implementation Schedule and in Sections 4.2.4.1, 3 & 4.1.a of SCR030000.
- 6) Post Construction controls to reduce pollutants after construction is completed are enunciated in the SWMP. It is expected that concrete site performance standards be in place when site plan review is conducted. Implementation of these requirements will best be reflective of the timetables required in 4.1.4.1, as applicable. In order to implement permit requirements in Sections 4.2.5.2.3 and in 4.2.5.4 & 6 of the permit to the MEP, BMP C – F (Section Five, pp. 26 & 27 of the SWMP) must be in timely sync with 4.1.4.1 and with 4.1.5 of SCR030000. Explanation on Part III of the NOI, p.4, in reference to long-term maintenance requirement (4.2.5.4) is acknowledged.
- 7) The Pollution Prevention / Good Housekeeping for Municipal Operations should reflect requirements in Section 4.2.6 of SCR030000 more closely. To that effect, Sub sections 4.2.6.2.1, 3.1, & 5.4 have been included in the permit implementation schedule accompanying the CoC. Requirements in 4.2.6.4.1 can be addressed as part of, or in conjunction with, 4.2.5.4.1 as indicated in BMP D, Section 5, p. 26, of the proposed SWMP. See 4.1.8 & 10, allowing for ordinance modification, if needed, 4.1.5 (ERP), 4.5.1 & 3.4 and 5.3.4 of SCR030000 while updating implementation of this and the preceding MCM.
- 8) More detail in the implementation of Special Conditions Applicable to Permitted Storm Water Discharges to Sensitive Waters, Part 3, pp. 9-14, of SCR030000 is expected. Permit deadlines, clearly and specifically addressing Part 3 requirements applicable to Beaufort County SMS4, are listed in the Permit Implementation Schedule annexed to the CoC. SC Waters with an Approved TMDL in Appendix B, p. B-13, of the submittal must be addressed.

Effectively addressing the above listed items allows for the MEP standard to be met, 1.5.3, page 6. As allowed by the permit and regulations, SWMP modifications required herein must be conducted during the first year of permit coverage and must be included in the first annual report. Being part of the County's Certificate of Coverage administrative record, this letter should be consulted in permit compliance efforts.

Attached, you may find Beaufort Countys Draft Certificate of Coverage, SCR031301, including the Permit Implementation Schedule, to be placed on public notice. It is worthwhile noting that permit deadlines continue in full force and effect in a rolling manner in the event the permit is continued as provided in Section 2.6.

Looking forward to the successful implementation of the NPDES Phase II Municipal Stormwater Program in Beaufort County.

Sincerely,



Arturo R. Ovalles, Environmental Engineering Associate
Stormwater Section
Bureau of Water

Attachment

cc. Jill Stewart, P.E., Manager



National Pollutant Discharge Elimination System Permit for Discharge to Surface Waters

This Certificate of Coverage Certifies That

Beaufort County

has been granted permission to discharge storm water to the Atlantic Ocean and to all receiving waters in the State of South Carolina from the municipal separate storm sewer system located in

Beaufort County, South Carolina

in accordance with effluent limitations, monitoring requirements and other conditions set forth in the State of South Carolina NPDES General Permit for Storm Water Discharges from Regulated Small Municipal Separate Storm Sewer Systems (MS4s), SCR030000. This coverage is granted in accordance with the provisions of the Pollution Control Act of South Carolina (S.C. Code Sections 48-1-10 *et seq.*, 1976), Regulation 61-9 and with the provisions of the Federal Clean Water Act (PL 92-500), as amended, 33 U.S.C. 1251 *et seq.*, the "Act."

Ann R. Clark, Director
Storm Water, Construction and Agricultural Permitting Division
Bureau of Water

Public Notice: P/N: 15-813-R

Effective: October 1, 2015

Expires: December 31, 2018

Certificate No.: SCR031301

PERMIT IMPLEMENTATION SCHEDULE

DATE	SECTION	REQUIREMENTS
10/01/2015	1.4.4	Storm Water discharges from the regulated small MS4 area, comprised of the geo-politico-jurisdictional boundaries of Beaufort County, SC located in the Hilton Head Island Urbanized Area as defined by the 2010 U.S. Census, authorized under Certificate of Coverage N°: SCR031301.
10/01/2016	4.1.5 4.2.1.1 4.2.3.2.2 4.2.3.2.3 4.2.6.5.4	Enforcement Response Plan (ERP) Implement Public Education and Outreach on Storm Water Impacts MCM Identify Priority Areas for IDDE MCM implementation Implement dry weather field screening and procedures for IDDE Employee Training and Education begins
12/01/2016	1.4.8 & 4.5.4 3.1.1.1 3.1.1.2 4.1.4.3.a 4.1.6 4.1.8 & 10 4.2.1.1.11 4.5.1 & 3.4 5.3 5.3.1 5.3.2 5.3.3 5.3.4	Report on annexations, or de-annexations, if any New 303(d) impairments, if applicable Determination of receiving water conditions and impacts Clarification of Stormwater Management roles in the Organization Chart Ensure Adequate Resources to comply with SMS4 Permit SWMP Modified. SC R. 122.47(c)(1) Public Education & Outreach on Storm Water Impacts MCM Assessment SWMP Annual Review. SC R. 122.47(c)(1) First Annual Report Compliance with Part 4 Requirements Monitoring Results, Part 3 & 4.2.3.2.2 as needed Year 2 Planning Proposed SWMP / BMP / MCM Changes SC R. 122.47(c)(1)
04/01/2017	4.1.9 4.2.4.1 4.2.4.4.1.a 4.2.5 4.2.5.6.1	BMP, measurable goals, persons responsible, and all permit requirements for the Construction Site Storm Water Runoff Control and for the Post-Construction Storm Water Management for New Development and Redevelopment MCM 4.2.4 & 4.2.5 (pp. 24-32 of SCR030000), including an ordinance, or regulatory mechanism, must be in full force and effect to provide reasonable assurance to SC DHEC for Beaufort County to develop, implement and enforce these MCM as part of the County's Storm Water Management Plan (SWMP). Provide for and assure compliance with SC Regulation 61-9 122.2, 122.26(b)(14)(x), 122.26(b)(15)(i)&(ii), 122.28, 122.34(b)(4) & (5), to SC Regulation 61-68 B.30 & 36, C.5, D, E.3 & 4 and G.3-10, and, to all applicable Construction Site Storm Water Runoff Control and Post-Construction Storm Water Management in New Development and Redevelopment requirements contained in regulations outlined under Standards for Stormwater Management and Sediment Reduction 72-300 et. seq, including Appendix B. SC R. 61-9 122.34(e) & (f), 122.43, 122.44(s) and 122.47(c), (d) & (e).
10/01/2017	3.2.1.1.2 4.1.4.1 4.2.3.2.2 4.2.6.3.1	Existing TMDL Monitoring and Assessment Ensure Adequate Legal Authority to Implement and Enforce SWMP Update Priority IDDE Areas ID Comprehensive inspection of "High-Priority" facilities start

DATE	SECTION	REQUIREMENTS
12/01/2017	1.4.8 & 4.5.4 3.1.1.1 3.1.1.2 3.2.1.1.2 3.2.1.1.3 3.2.1.2.1.d 3.2.1.2.2.c 3.2.1.2.2.d 4.1.6 4.2.1.1.11 4.5.1 5.3 5.3.1 5.3.2 5.3.3 5.3.4	Report on annexations, or de-annexations, as appropriate New 303(d) impairments, if applicable Determination of receiving water conditions and impacts, if applicable Existing TMDL Monitoring and Assessment SC R. 61-9 122.44(i) New TMDL Monitoring and Assessment, if applicable Progress Report on SMS4 discharge characterization to TMDL waters Update on Assessment of Achieving the WLA / WQS update Progress on Achieving the WLA / WQS Ensure Adequate Resources to comply with SMS4 Permit Public Education & Outreach on Storm Water Impacts MCM Assessment SWMP Annual Review Second Annual Report Compliance with Part 4 Requirements Monitoring Results, Part 3 & 4.2.3.2.2 as needed Year 3 Planning Proposed SWMP / BMP / MCM Changes
04/01/2018	3.2.1.2.1.a.ii	Monitoring Plan for Existing TMDL SC R. 61-9 122.44(i)
06/29/2018	2.5 3.3.5 4.1.2.1	Renotification, NOI for reissuance must be submitted TMDL Implementation Plan, if applicable SWMP provisions for Sensitive Waters
10/01/2018	4.2.3.2.2	Update Priority IDDE Areas ID
12/01/2018	1.4.8 & 4.5.4 3.1.1.1 3.1.1.2 3.2.1.1.3 3.2.1.2.1.d 3.2.1.2.2.c 3.2.1.2.2.d 4.1.6 4.2.1.1.11 4.2.3.2.3.b 4.5.1 5.3 5.3.1 5.3.2 5.3.3 5.3.	Report on annexations, or de-annexations, as appropriate New 303(d) impairments, if applicable Determination of receiving water conditions and impacts, if applicable New TMDL Monitoring and Assessment, if applicable Progress Report on SMS4 discharge characterization to TMDL waters Updates on Assessment of Achieving the WLA / WQS Progress on achieving the WLA / WQS Ensure Adequate Resources to comply with SMS4 Permit Public Education & Outreach on Storm Water Impacts MCM Assessment Field Screening Assessment SWMP Annual Review Third Annual Report Compliance with Part 4 Requirements Monitoring Results, SC R. 61-9 122.44(i) Part 3 & 4.2.3.2.2 as needed Year 4 Planning Proposed SWMP / BMP / MCM Changes
12/31/2018	4.1.9 4.2.5.6.2 4.2.6.1 & 2.1	Proposed SWMP fully implemented All Post Construction BMP inspected at least once Pollutant Discharge Potential of all Municipally-owned or operated facilities comprehensively assessed.