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Secretary

WILLIAM E. (TOBY) VINSON, JR.

Interim Director



NORTH CAROLINA
Environmental Quality

December 12, 2018

Creekside Village Homeowners Association, Inc.
Attention: Evelyn Mabery, Community Manager for HOA
P.O. Box 12553
New Bern, NC 28561

**Subject: Permit No. SW7030915 Renewal
Creekside Village, Section 1 & 2
High Density Stormwater Project
Craven County**

Dear Ms. Mabery:

The Washington Regional Office received a Stormwater Management Permit Application for renewal of permit SW7030915 on November 2, 2018. Staff review of the submittal has determined that the permit can be reissued. We are forwarding Permit No. SW7030915 dated December 12, 2018, for the construction and operation of the subject project.

This permit, upon its effective date, will replace all previous State Stormwater permits for this site. This permit shall be effective from the June 10, 2019 until June 9, 2027 and shall be subject to the conditions and limitations as specified therein, and does not supercede any other agency permit that may be required.

If any parts, requirements, or limitations contained in this permit are unacceptable, you have the right to request an adjudicatory hearing upon written request within thirty (30) days following receipt of this permit. This request must be in the form of a written petition, conforming to Chapter 150B of the North Carolina General Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. Unless such demands are made this permit shall be final and binding.

If you have any questions, or need additional information concerning this matter, please contact me at (252) 948-3923.

Sincerely,

A handwritten signature in black ink that reads "Roger K. Thorpe".

Roger K. Thorpe
Environmental Engineer



North Carolina Department of Environmental Quality | Division of Energy, Mineral and Land Resources
Washington Regional Office | 943 Washington Square Mall | Washington, North Carolina 27889
252.946.6481

**STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES**

STATE STORMWATER MANAGEMENT PERMIT

HIGH DENSITY DEVELOPMENT

In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules, and Regulations

PERMISSION IS HEREBY GRANTED TO

Creekside Village Homeowners Association, Inc.

Creekside Village, Section 1 & 2

Craven County

FOR THE

operation and maintenance of two wet detention ponds and one vegetative filter in compliance with the provisions of 15A NCAC 2H .1000 (hereafter referred to as the "stormwater rules") and the approved stormwater management plans and specifications and other supporting data as attached and on file with and approved by the Division and considered a part of this permit.

This permit shall be effective from June 10, 2019 until June 9, 2027, and shall be subject to the following specified conditions and limitations:

I. DESIGN STANDARDS

1. This permit is effective only with respect to the nature and volume of stormwater described in the application and other supporting data.
2. This stormwater system has been approved for the management of stormwater runoff as described in section I. 6. The stormwater control has been designed to handle the runoff from 10.03 acres of impervious area.
3. The tract will be limited to the amount of built-upon area indicated in Section I. 6. of this permit, and per approved plans.
4. All stormwater collection and treatment systems must be located in either dedicated common areas or recorded easements. The final plats for the project will be recorded showing all such required easements, in accordance with the approved plans.
5. The runoff from all built-upon area within the permitted drainage area of this project must be directed into the permitted stormwater control system.

6. The following design criteria have been provided in the wet detention pond and must be maintained at design condition:

a.	Drainage Area, acres:	27.27	
b.	Total Impervious Surfaces, ac:	7.28 (3,500 sf/lot)	
c.	Pond Depth, feet:	6.0 5.0	Basin 1 Basin 2
d.	TSS removal efficiency:	85%	both basins
e.	Design Storm:	1"	
f.	Permanent Pool Elevation, FMSL:	14.0 8.0	Basin 1 Basin 2
g.	Required Permanent Pool Surface Area, ft ² :	7,173 7,720	Basin 1 Basin 2
h.	Provided Permanent Pool Surface Area, ft ² :	7,200 8,000	Basin 1 Basin 2
i.	Permanent Pool Volume, ft ³ :	23,814 23,860	Basin 1 Basin 2
j.	Forebay Volume, ft ³ :	8,004 5,765	Basin 1 Basin 2
k.	Temporary Storage Elevation, FMSL:	16.60 9.77	Basin 1 Basin 2
l.	Required Storage Volume, ft ³ :	18,715 13,656	Basin 1 Basin 2
m.	Provided Storage Volume, ft ³ :	20,126 15,197	Basin 1 Basin 2
n.	Controlling Orifice:	1.5"Ø pipe 1.25"Ø pipe	Basin 1 Basin 2
o.	Receiving Stream/River Basin:	Brice Creek / Neuse River basin	
p.	Classification of Water Body:	"C; Sw, NSW"	

Note: Drainage Basin #3 is a low density residential area including lot numbers 337, 338, 355-361 & 372-381; stormwater treatment is provided by grassed swales that discharge to a 300 linear feet vegetative filter with 5:1 side slopes. The 3,500 square feet per lot allowable impervious area applies to all the lots for the entire project.

II. SCHEDULE OF COMPLIANCE

1. The stormwater management system shall be constructed in its entirety, vegetated and operational for its intended use prior to the construction of any built-upon surface.
2. During construction, erosion shall be kept to a minimum and any eroded areas of the system will be repaired immediately.
3. The permittee shall at all times provide the operation and maintenance necessary to assure the permitted stormwater system functions at optimum efficiency. The approved Operation and Maintenance Plan must be followed in its entirety and maintenance must occur at the scheduled intervals including, but not limited to:
 - a. Semiannual scheduled inspections (every 6 months).
 - b. Sediment removal.
 - c. Mowing and revegetation of slopes and the vegetated filter.
 - d. Immediate repair of eroded areas.
 - e. Maintenance of all slopes in accordance with approved plans and specifications.
 - f. Debris removal and unclogging of outlet structure, orifice device, flow spreader, catch basins and piping.
 - g. Access to the outlet structure must be available at all times.
4. Records of maintenance activities must be kept and made available upon request to authorized personnel of the Division. The records will indicate the date, activity, name of person performing the work and what actions were taken.
5. The facilities shall be constructed as shown on the approved plans. This permit shall become voidable unless the facilities are constructed in accordance with the conditions of this permit, the approved plans and specifications, and other supporting data.
6. Upon completion of construction, prior to issuance of a Certificate of Occupancy, and prior to operation of this permitted facility, a certification must be received from an appropriate designer for the system installed certifying that the permitted facility has been installed in accordance with this permit, the approved plans and specifications, and other supporting documentation. Any deviations from the approved plans and specifications must be noted on the Certification. A modification may be required for those deviations.
7. If the stormwater system was used as an Erosion Control device, it must be restored to design condition prior to operation as a stormwater treatment device, and prior to occupancy of the facility.
9. Access to the stormwater facilities shall be maintained via appropriate easements at all times.
9. The permittee shall submit to the Director and shall have received approval for revised plans, specifications, and calculations prior to construction, for any modification to the approved plans, including, but not limited to, those listed below:
 - a. Any revision to any item shown on the approved plans, including the stormwater management measures, built-upon area, details, etc.
 - b. Project name change.

- c. Transfer of ownership.
 - d. Redesign or addition to the approved amount of built-upon area or to the drainage area.
 - e. Further subdivision, acquisition, lease or sale of all or part of the project area. The project area is defined as all property owned by the permittee, for which Sedimentation and Erosion Control Plan approval or a CAMA Major permit was sought.
 - f. Filling in, altering, or piping of any vegetative conveyance shown on the approved plan.
- 10. The permittee shall submit final site layout and grading plans for any permitted future areas shown on the approved plans, prior to construction.
 - 11. A copy of the approved plans and specifications shall be maintained on file by the Permittee at all times.
 - 12. The Director may notify the permittee when the permitted site does not meet one or more of the minimum requirements of the permit. Within the time frame specified in the notice, the permittee shall submit a written time schedule to the Director for modifying the site to meet minimum requirements. The permittee shall provide copies of revised plans and certification in writing to the Director that the changes have been made.

III. GENERAL CONDITIONS

- 1. This permit is not transferable except after notice to and approval by the Director. In the event of a change of ownership, or a name change, the permittee must submit a formal permit transfer request to the Division, accompanied by a completed name/ownership change form, documentation from the parties involved, application fee and other supporting materials as may be appropriate. The approval of this request will be considered on its merits and may or may not be approved. The permittee is responsible for compliance with all permit conditions until such time as the Division approves the transfer request.
- 2. Failure to abide by the conditions and limitations contained in this permit may subject the Permittee to enforcement action by the Division, in accordance with North Carolina General Statute 143-215.6A to 143-215.6C.
- 3. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances, which may be imposed by other government agencies (local, state, and federal) having jurisdiction.
- 4. In the event that the facilities fail to perform satisfactorily, including the creation of nuisance conditions, the Permittee shall take immediate corrective action, including those as may be required by this Division, such as the construction of additional or replacement stormwater management systems.
- 5. The permittee grants DEQ Staff permission to enter the property during normal business hours for the purpose of inspecting all components of the permitted stormwater management facility.
- 6. The permit may be modified, revoked and reissued or terminated for cause. The filing of a request for a permit modification, revocation and reissuance or termination does not stay any permit condition.

7. Unless specified elsewhere, permanent seeding requirements for the stormwater control must follow the guidelines established in the North Carolina Erosion and Sediment Control Planning and Design Manual.
8. Approved plans and specifications for this project are incorporated by reference and are enforceable parts of the permit.
9. The permittee shall notify the Division any name, ownership or mailing address changes within 30 days.
10. This permit shall be effective from June 10, 2019 until June 9, 2027. Application for permit renewal shall be submitted 180 days prior to the expiration date of this permit and must be accompanied by the processing fee.

Permit issued this the 12 th day of December, 2018.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION



for

Danny Smith, Interim Director
Division of Energy, Mineral, and Land Resources
By Authority of the Environmental Management Commission

Stormwater Permit No. **SW7030915**