



**WMCPA – ROLESVILLE, WENDELL, ZEBULON WATERSHED MANAGEMENT  
 CONSTRUCTION PLAN APPROVAL**

<b>Project Name</b>	<u>Parker Ridge</u>	<b>Watershed</b>	<u>Lower Neuse</u>	<b>Jurisdiction</b>	<u>Rolesville</u>
<b>Date Received</b>	<u>1/17/2024</u>	<b>Date Processing Initiated</b>	<u>2/1/2024</u>	<b>Disturbed Acreage</b>	<u>62.9</u>
<b>S&amp;E Permit Number</b>	<u>SEC-111977-2023</u>	<b>S&amp;E Plan Review Fee</b>	<u>\$15,575.00 PAID \$150.00 PAID</u>	<b>S&amp;E Permit Fee</b>	<u>\$15,725.00 DUE</u>
<b>SW Permit Number</b>	<u>SWF-111983-2022</u>	<b>SW Plan Review Fee</b>	<u>\$2,500.00 PAID \$150.00 PAID</u>	<b>SW Permit Fee</b>	<u>\$2,500.00 DUE</u>

**Applicant:**  
 Name Lennar Carolinas, LLC / Michael Taylor  
1100 Perimeter Park Dr, Suite 112,  
 Address: Morrisville, NC 27560  
 Phone: 919-863-6461  
 Email: Michael.taylor@lennar.com

**Engineer:**  
 Name: BGE Inc. / Debra Ferm, PE  
5440 Wade Park Blvd., Suite 102,  
 Address: Raleigh, NC 27607  
 Phone: 919-337-2837  
 Email: dferm@bgeinc.com

**Plan Date/Revision Date:** 1/15/2024, 11/21/2023, 10/02/2023

<b>Approval Date:</b>  <u>2/1/2024</u>	<p><b>The above-referenced erosion control and stormwater management plans have been reviewed and approved with the following conditions.</b></p> <ol style="list-style-type: none"> <li><b>Please provide a copy of Town of Rolesville Approval once received.</b></li> <li><b>Please replace one of the NCG-01 Ground Stabilization &amp; Materials Handling details on drawing sheet No. CO-2 with the Inspection, Recordkeeping and Reporting detail located at:</b></li> </ol> <p><a href="https://www.deq.nc.gov/energy-mineral-and-land-resources/stormwater/npdes-general-permits/ncg01-self-inspection-sheet-revised-5-17-19/download">https://www.deq.nc.gov/energy-mineral-and-land-resources/stormwater/npdes-general-permits/ncg01-self-inspection-sheet-revised-5-17-19/download</a></p> <p>Parker Ridge Subdivision is approved for the creation of 161 single family residential lots and 114 townhome units. Plans approved limiting the maximum impervious surface of 1,893,989 SF (43.48 acres) that has been dispersed over 161 single family lots, 114 townhome units, streets, and sidewalks. The project shall provide stormwater control (peak attenuation, volume management and water quality) with four (4) Wet Detention Ponds. See approved site data below.</p>
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**Approved Site Data:**

Permitted Impervious (SF)	Road (SF)	Lots (SF)	Other (SF)	Total (SF)
<u>1,078,981</u>	<u>1,078,981</u>	<u>669,082</u>	<u>145,926</u>	<u>1,893,989</u>



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**Conditions of Approval**

Items marked with an "X" were noted as conditions of the Stormwater and Sediment and Erosion Control Plan approval.

References for Erosion and Sediment Control: [Wake County Unified Development Ordinance \(UDO\) Article 10](#)

References for Stormwater Management are as follows:

**ROLESVILLE:** Town of Rolesville [Land Development Ordinance Appendix B: Flood Damage Prevention and Stormwater Management, Section 1.2 Stormwater Management](#) effective June 1, 2021.

**WENDELL:** Town of Wendell Unified Development Ordinance (UDO) [Chapter 6: Environmental Protection, adopted 7/26/10.](#)

**ZEBULON:** Town of Zebulon, NC Code of Ordinances: [Chapter 151.](#)

<input checked="" type="checkbox"/>	1.	A mandatory preconstruction meeting is required between the owner, contractor, and Wake County prior to issuance of the Stormwater and Land Disturbance Permits. Please call to schedule this meeting at your convenience. <b>Once Condition Nos. 1 and 2 are completed, please contact Jeevan Neupane, PE at 919-819-8907 to schedule the preconstruction meeting and please provide four (4) full-size sets of plans prior to the meeting.</b>
<input checked="" type="checkbox"/>	2.	Grading, other than for installation of soil erosion and sedimentation control measures, is prohibited prior to the issuance of a Certificate of Compliance. [10-30-7(D)]
<input checked="" type="checkbox"/>	3.	Contractor shall follow plans strictly and maintain contact with Wake County prior to making any field modifications to erosion and sediment control devices. No devices shall be removed without prior approval from Wake County.
<input checked="" type="checkbox"/>	4.	Wake County's sedimentation pollution control program is <u>performance oriented</u> , requiring protection of the natural resources and adjoining properties. If at any time during the project it is determined that the Erosion and Sedimentation Control Plan is inadequate to meet the requirements of the Erosion and Sedimentation Control Ordinance of Wake County, this office may require revisions in the plan and its implementation to ensure compliance with the Ordinance.
<input checked="" type="checkbox"/>	5.	As of April 1, 2019, all new construction activities are required to complete and submit an electronic Notice of Intent (eNOI) form requesting a Certificate of Coverage (COC) under the NCG010000 Construction General Permit. After the form is reviewed and found to be complete, you will receive a link with payment instructions for the applicable annual permit fee. After the fee is processed, you will receive the COC via email. As the Financially Responsible Party shown on the FRO form submitted for this project, you MUST obtain the COC prior to commencement of any land disturbing activity. The eNOI form and fee details may be accessed at <a href="http://deq.nc.gov/NCG01">deq.nc.gov/NCG01</a> . Please direct questions about the eNOI form to the <a href="#">Stormwater Program staff</a> in the Raleigh central office. If the owner/operator of this project changes in the future, the new responsible party must obtain a new COC.
<input checked="" type="checkbox"/>	6.	<b>SUBDIVISIONS ONLY</b> Builders are required to obtain grading permits for cumulative disturbance over one acre (including non-contiguous lots).
<p><b>Stormwater COA - All Conditions of Approval (COA) must be completed and approved by Wake County prior to final plat approval or signoff of the Certificate of Occupancy (C.O.) for future building permits. Items required prior to final plat or building permit approval are checked and listed below.</b></p>		
<input checked="" type="checkbox"/>	7.	<b>As-Built Plans</b> – Upon completion of required improvements, an as-built plan of required stormwater improvements must be submitted (must indicate that stormwater improvements were constructed in accordance with the approved plan).
<input checked="" type="checkbox"/>	8.	<b>Maintenance Plan</b>
<input checked="" type="checkbox"/>	a.	The developer must record and reference on the record plat, a maintenance plan providing instruction about annual maintenance tasks and associated costs for at least a 20-year period.
<input checked="" type="checkbox"/>	b.	It will be the responsibility of the property owners' association or lot owner to update the maintenance plan at least every 10 years.




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<input checked="" type="checkbox"/>	<b>9.</b>	<b>Maintenance Agreement</b>	
	<input checked="" type="checkbox"/>	<b>a.</b>	The developer must record and reference on the record plat, a maintenance agreement or restrictive covenant that sets for the property owners’ association’s or lot owner’s continuing responsibilities for maintenance, including how cost will be apportioned among lot owners served.
	<input checked="" type="checkbox"/>	<b>b.</b>	The maintenance agreement must provide that the association and its individual members are jointly and severable liable for maintenance.
<input checked="" type="checkbox"/>	<b>10.</b>	All maintenance documents required must be submitted prior to record plat approval and must be referenced on the record plat. For developments not requiring record plats, documentation must be submitted prior to building permit issuance.	
<input checked="" type="checkbox"/>	<b>11.</b>	<b>Performance Guarantee</b> – The municipality may not approve a record plat or issue a building permit until stormwater improvements required of the developer have been completed or a performance guarantee has been provided.	
<b>Applicable Regulations</b>			
<input checked="" type="checkbox"/>	<b>12.</b>	<b>Parties Responsible for Maintenance of Improvements</b>	
	<input checked="" type="checkbox"/>	<b>a.</b>	The developer must maintain stormwater improvements until accepted by a property owners’ association or lot owner. The developer must disclose which party will be responsible for continued maintenance on the record plat.
	<input checked="" type="checkbox"/>	<b>b.</b>	Before improvements are accepted for maintenance by the property owners’ association or lot owner, the developer must certify to the property owners association or lot owner and the county that improvements are complete and functioning as designed.
<input checked="" type="checkbox"/>	<b>13.</b>	<b>Enforcement and Penalties</b>	
	<input checked="" type="checkbox"/>	<b>a.</b>	Failure to complete required improvements or failure to maintain improvements as required by the approved plan are violations and subject to a fine of up to \$1,000 per day.
	<input checked="" type="checkbox"/>	<b>b.</b>	<b>Inspection of Stormwater Improvements</b> – Wake County agents have the right to inspect sites to determine whether stormwater improvements are being installed and maintained in compliance with the ordinance.
<input checked="" type="checkbox"/>	<b>14.</b>	<b>Validity of Plan, Lapse of Approval</b> – An approved erosion and sedimentation control plan is valid for 2 calendar years from the date of approval. If a land disturbance permit has not been obtained within the 2-year period, the erosion and sedimentation control plan approval becomes null and void.	
<input checked="" type="checkbox"/>	<b>15.</b>	<b>Actions Required Prior to Land Disturbance</b>	
	<input checked="" type="checkbox"/>	<b>a.</b>	S&EC plan approval and land disturbance permit issued must be prominently displayed until all construction is complete, all permanent sedimentation and erosion control measures are installed and the site has been stabilized. A copy of the approved plan must be kept on file at the job site.
	<input checked="" type="checkbox"/>	<b>b.</b>	No person shall initiate a land-disturbing activity until notifying Wake County of the date that the land-disturbing activity will begin.
<input checked="" type="checkbox"/>	<b>16.</b>	<b>Authority</b>	



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<input checked="" type="checkbox"/>	<b>a.</b>	County officials may enter any property, public or private, at reasonable times for the purpose of investigating and inspecting the sites of any land-disturbing activity. No person shall refuse entry or access to any authorized representative or agent for the County who requests entry for purposes of inspections, and presents appropriate credentials, nor shall any person obstruct, hamper, or interfere with any such representatives while in the process of carrying out their official duties.
<input checked="" type="checkbox"/>	<b>b.</b>	Agents and officials of the County will periodically inspect land-disturbing activities to ensure compliance with the North Carolina Sedimentation Pollution Control Act, this article, or rules or orders adopted or issued pursuant to this article, and to determine whether the measures required in the erosion and sedimentation control plan are effective in controlling erosion and sedimentation resulting from land-disturbing activity.
<input checked="" type="checkbox"/>	<b>c.</b>	Any land-disturbing activity will be the responsibility of the person(s) conducting the land disturbing activity, including the property owners. Failure to prevent off site sedimentation will be deemed a violation of the erosion and sedimentation control regulations of this article.
<input checked="" type="checkbox"/>	<b>17.</b>	<b>15A NCAC 2B.0714</b> – Due to the location of this project, it should be noted that a rule to protect and maintain existing buffers along watercourses in all of Wake County became effective in 2006. The Neuse River Riparian Area Protection and Maintenance Rule applies to all perennial and intermittent streams, lakes, ponds and estuaries in Wake County with forest vegetation on the adjacent land or “riparian area”. In riparian areas with existing forest vegetation in the first 30 feet directly adjacent to the stream, the rule prohibits land disturbance, new development and fertilizer use within the first 50 feet of land next to the water. In riparian areas with forest vegetation that is less than 30 feet wide, the rule prohibits land disturbance, new development and fertilizer use within the area that contains forest vegetation (but not the entire 50-foot riparian area). For more information about this riparian area rule, please contact the Division of Water Quality’s Wetland/401 Unit at 919-707-3631. Wake County enforces the Neuse Buffer Rules in both the Cape Fear River Basin and the Neuse River Basin except when superseded by the Jordan Buffer Rules [15A NCAC 02B.0265].
Wake County Watershed Management Section is not responsible for subject approvals of other Local, State or Federal Agencies. The subject approvals are (but not limited to) Federal Emergency Management Area Flood regulations/requirements, Division of Water Quality under stormwater or other water quality regulations/requirements, U.S. Army Corps of Engineers under Article 404/401 (Wetlands/Streams) jurisdiction/requirements, and/or any Federal, State, County and Local municipal regulations or permit requirements. The approval issued in this letter cannot supersede any other required permit or approval.		
<b>Environmental Consultant:</b>	<b>Jeevan Neupane, PE</b>	<b>Contact Info:</b> <a href="mailto:jeevan.neupane@wake.gov">jeevan.neupane@wake.gov</a> 919-819-8907
<b>Wake County PE:</b>	 <b>Barney Blackburn, PE</b>	<b>Contact Info:</b> <a href="mailto:barney.blackburn@wake.gov">barney.blackburn@wake.gov</a> 919-418-3791