

---

***APPENDIX G***

***STORMWATER MANAGEMENT  
CHECKLIST***



# TOWN OF CLAYTON STORMWATER MANAGEMENT CHECKLIST

This signed checklist should be submitted with the Stormwater Management Plan.

Project Name: \_\_\_\_\_  
 Site Address: \_\_\_\_\_ PIN No: \_\_\_\_\_  
 Owner/Developer: \_\_\_\_\_

**Plans Including:**

- Vicinity map** showing the location of the site within the Town limits. The scale of the map shall be adequate to show the area in question with reasonable depiction of streets to determine the exact location of the site. The minimum scale shall be no less than 1"=400'.
- Overall map** of the site showing the current zoning and land use of adjacent property, which could be affected by the proposed stormwater management system.
- Existing topographical information** for the site with a minimum of 2-ft contours.
- 100-year Flood Plain** boundaries and elevations from the latest FEMA FIRM map.
- Wetlands** boundaries as verified with the US Corps of Engineers.
- USGS Quadrangle Map**, properly labeled with project location and Neuse Riparian Buffers.
- Johnston County Soils Survey Map**, properly labeled with project location and Neuse Riparian Buffers. Please note that the soil survey map must be from the hard copy and not from the NRCS website.
- Stormwater management features**, both existing and proposed.
- Details** of all proposed stormwater management structures. The detail shall be sufficient to provide information to construct and review the structure for proper design.
- Easements** for all stormwater management structures. See Section 1.9 for more information on the size of easements needed.
- Profiles** for proposed stormwater structures to include the storm drainage systems. This can be included with road profiles or can be separated to for clarity. The stormwater profiles must show the existing and proposed ground elevations, the structure information (such as top elevation and sump elevation), and the design storm water elevation and profile.
- Construction sequence** for the construction of the stormwater management structures to specifically include the timing of when to install the system. This can be part of the erosion and sedimentation control construction sequence.
- Landscape plan**, which clearly shows the extent of undisturbed vegetation and the location, species, number and planting characteristics (including height at time of planting, spacing, etc.) of proposed vegetation. The plan must also describe the vegetative stabilization and management techniques to be used at the site after construction is completed, who will be responsible for the maintenance of vegetation, and what practices will be employed to ensure that adequate vegetation cover is preserved.

**Stormwater Calculations:**

- Stormwater Management Statement.** See Appendix B for additional detail on what needs to be included in the statement.
- Drainage maps** for the area of development. Both overall and site-specific drainage maps are required to give an accurate picture of the water flow.
- Calculations** and analysis of stormwater drainage system.
- Calculations** of Pre- vs. post-development runoff
- Calculations** for nitrogen removal, if necessary
- Calculations** of Best Management Practices (BMPs) including hydrographs, storage calculations, buoyancy calculations, etc.
- Analysis** of the stormwater runoff impacts that the proposed development or construction activity will have on the surrounding properties, both upstream and downstream.

**Submittals:**

- (1) Stormwater Management Checklist
- (1) Stormwater Management Permit Application. See Appendix A.
- (1) Full set of plans for the entire development
- (2) Stormwater Management Plan and Details
- (2) Stormwater Calculations
- (2) Stormwater Operations and Maintenance Agreement (draft). See Appendix C.
- (2) Stormwater Operations and Maintenance Plan (draft). The plan should include all required items to maintain the facility in proper working condition throughout the year. See Appendix D.
- Documentation of approval from NCDENR DWQ for buffers & rosion control, if required.
- Check for Plan Review Fee

Submitted By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_