



Engineering Inspections Overview – July 2020

The Town of Wake Forest uses Tyler Technologies software known as “New World” to manage field inspections. Inspections can be requested online and by calling the Inspection hotline. Contractors do not need to be present for many inspections but is recommended to help address questions. This software is used by other Departments within the Town such as Building Inspections, Planning, and Engineering. Each department has its own set of standard inspections. The following is a comprehensive list of all the inspections performed by the Engineering Division. The inspections are grouped into the following categories: Erosion and Sediment Control, Asphalt, Stormwater, Concrete, Site Inspection, Meeting, and Final Acceptance.

Erosion and Sediment Control Inspections:

The Engineering Inspections Division inspect each site for compliance with approved plans. The State of North Carolina Division of Water Quality (NCDEQ) will inspect the site concerning NPDES NCG010000 Permit. The Town will periodically check to make sure each site is following NCG010000 requirements as a courtesy.

- ESC Initial – Initial Erosion Control Inspection
- ESC Monthly – Monthly Erosion Control Inspection
- ESC Ongoing
 - Pond checks
 - Rain Events
 - Miscellaneous erosion control issues (outside of monthly inspections)
- ESC Yard Initial – Individual Lot Initial Inspection
- ESC Yard Final – Individual Lot Final Inspection
- ESC Final – Close out for projects with a Land Disturbance Permit
- ESC NOV – Notice of Violation
 - Violation related to Erosion and Sediment Control
 - Environmental Engineer involvement
- ESC Continuing NOV – NOV that has not been released

Asphalt Inspections:

- ASP Proof Roll – Inspection of any type of proof roll (Subgrade and ABC)
- ASP Inspection – Inspection after asphalt is placed
- ASP Patch – Inspection after any type of patch is completed
- ASP Greenway – Greenway paving inspection

Stormwater Inspections:

- STM Stormwater Inspection – Inspection of any stormwater or drainage structure
- STM New Development SCM Inspection – Monthly SCM Inspections
- MS4 Dry Weather Flow Inspection – Annual Dry Weather Flow Inspection
- MS4 SCM Annual Inspection – Annual SCM Inspection

Concrete Inspections:

- CON Curb/Gutter – Curb and gutter inspection
- CON Sidewalk – Any sidewalk and/or ramp inspection
- CON Driveway – Driveway inspection including non-residential

Site Inspections and Meetings:

- Site Inspection – Routine/daily site inspections that are not scheduled (e.g. daily site visit)
- Meeting – Any scheduled meetings that are not related to a specific inspection (e.g. meeting to discuss an issue/conflict with a curb ramp that is being formed)
- Quality Control – Internal quality control inspection

Project Final Acceptance:

- FA Punchlist Inspection – Inspection completed after a formal request for a project closeout or acceptance.
- FA Warranty Begins Inspection – Inspection performed to BEGIN warranty period; always takes place after punchlist inspection and all corrective items have been addressed
- FA Final Acceptance Inspection - Completed at the end of warranty period for final acceptance