**CITY OF WILSON**

**EROSION CONTROL CHECKLIST**

**1800 Herring Ave. Wilson North Carolina 27893**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **A. Project Information** | | | | | | |
| Project Name: Watershed: Neuse  City of Wilson PIN Number: Disturbed Acreage: | | | | | | |
| **B. Applicant/Owner** | | **C. Engineer** | | | | |
| Name: Address: Phone: Email: | | Name: Address: Phone: Email: | | | | |
| **D. Construction Plan Review Package Requirements** | | | | | | |
| The submittal package must include all applicable items below to demonstrate compliance with the Ordinance. Unless otherwise noted, all references shown must be included to be considered a complete package. Select all applicable items and provide all information with the submittal.  **Note: Confirm that the project is not receiving federal, state, or local funding. Otherwise, submit to NCDEQ.** | | | | **Applicant** | | |
| **** | | **N/A** |
| Required to Initiate Processing: | | | | | | |
| 1 | Review Fees: **$ 150.00** per disturbed acre. (Acres are rounded up to nearest whole acre; Ex. 1.15 acres = 2 acres) | |  | |  | |
| 2 | Submit City of Wilson Grading Permit Application. | |  | |  | |
| 3 | Submit Financial Responsibility Form. | |  | |  | |
| 4 | Email a digital set of plans to John Bissette, Engineering Services Coordinator at [**jbissette@wilsonnc.org**](mailto:jbissette@wilsonnc.org) | |  | |  | |
| Additional Documents: | | | | | | |
| 5 | Provide a deed or letter from current owner allowing development on the subject property. | |  | |  | |
| 6 | Provide construction sequence relative to project shown on plan | |  | |  | |
| 7 | 401/404 Documentation (Buffer determination letters, PCN application, comments, approval) Disturbance of stream channels will require this from DWQ. | |  | |  | |
| 8 | Cover letter stating the purpose of the submission | |  | |  | |
| 9 | RESUBMITTALS: Letter detailing any changes, comments, proposed solutions to comments | |  | |  | |
| 10 | Drainage Area Map showing drainage areas to erosion control devices | |  | |  | |
| 11 | Include current USGS Quad and soil survey map in submittal package, and show soil types on plan | |  | |  | |
| Erosion Control Calculations, including: | | | | | | |
| 12 | Ditches, swales, and channels: Q10/V10. Tractive force (shear stress), capacity and geometry | |  | |  | |
| 12a. | Ditches, swales, and channels in a critical area: Q25/V25. Tractive force (shear stress), capacity and geometry | |  | |  | |
| 13 | Dissipaters: Q10 velocities, stone size and dimensions | |  | |  | |
| 14 | Silt fence drainage area calculations following NCDEQ guidance | |  | |  | |
| Proposed Plans: | | | | | | |
| 15 | Location/Vicinity Map | |  | |  | |
| 16 | North arrow, graphic scale, and professional seal | |  | |  | |
|  | | | | | | |
| |  |  | | --- | --- | | Proposed Plans- Continued: |  | | | | | | | |
| 17 | Size of parcel and size of disturbed area | |  | |  | |
| 18 | Existing and proposed contours: plan and profiles for roadways | |  | |  | |
| 19 | Existing and proposed easements | |  | |  | |
| 20 | Show adjacent land use | |  | |  | |
| 21 | Include erosion control legend relative to this project | |  | |  | |
| 22 | Existing and planned drainage patterns (must include offsite areas that drain through subject parcel) | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| 23 | Bodies of water ephemeral, intermittent and perennial streams along with ponds or lakes |  |  |
| 24 | Boundaries of tract: including project limits |  |  |
| 25 | Limits of disturbance delineated and specified on plan |  |  |
| 26 | Zone of undisturbed vegetated buffer around streams (hatch or shade area) |  |  |
| 27 | Proposed improvements: roads, buildings, parking areas, grassed landscape |  |  |
| 28 | Show building location(s) and final floor elevation(s) |  |  |
| 29 | Water and sewer utilities existing and proposed |  |  |
| 30 | Cleary show the location of temporary and permanent measures and size sediment basins to scale on the plan as well as specify which type of basin it will be |  |  |
| 31 | Stormwater conveyance: inlets, culverts, swales, ditches, channels and drainage easements |  |  |
| 32 | Show locations and dimensions of construction entrances |  |  |
| 33 | Show location and direction of diversion ditches |  |  |
| 34 | Show inlet protection and FES at all pipe outlets with protective rip-rap apron unless a headwall has taken its place |  |  |
| 35 | Show locations and dimensions of dissipaters & ditch linings |  |  |
| 36 | Are there stream buffer considerations for this project? |  |  |
| 37 | Are erosion control measures out of the buffer? |  |  |
| 38 | Ensure that stream buffers are protected with tree protection fencing |  |  |
| 39 | Indicate any and all topsoil or subsoil stockpile location(s) even if located off site |  |  |
| 40 | SITE STABILIZATION PLAN: Showing seeding schedule, acres to be stabilized, methods of soil preparation, specifications for permanent and temporary vegetation and notation of groundcover requirements for exposed slopes and permanent groundcover  See: (NCG01) |  |  |
| 41 | Include construction drawings and City of Wilson Standard Details for all temporary and permanent measures |  |  |
| 42 | Add notes from Section 6, Appendix A of the MSSD. |  |  |

Please go to, for NC Erosion Control information

deq.nc.gov/ncg01

**Project #**

|  |  |  |  |
| --- | --- | --- | --- |
| By marking items with an “X”, applicant acknowledges potential standards to be applied to the proposed development. | | | |
| 42 | ***North Carolina Erosion & Sediment Control Planning & Design Manual***  All soil erosion and sedimentation control plans and measures must conform to the applicable standards specified in ***North Carolina’s Erosion and Sediment Control Planning and Design Manual*** *and provide protection from the calculated maximum peak rate of runoff from the twenty-five-year storm*. Erosion control devices must be installed to prevent any offsite  sedimentation for any construction site regardless of the size of the land disturbance. |  |  |
| 43 | The approval of an erosion plan is conditioned on the applicant’s compliance with federal and state water quality laws, and rules. A copy of the erosion control plan for any land disturbing activity that involves the utilization of ditches for the purpose of de-watering and lowering the water table must be forwarded to the director of the Division of Water Quality. |  |  |

Applicant/Engineer Signature: Date:

Version: July 14, 2024