## EROSION AND SEDIMENT CONTROL/STORMWATER CERTIFICATION (LGA):

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| (10-15-24) | 105-16, 225-2, 16 | SP1 G179 |

**General**

Schedule and conduct construction activities in a manner that will minimize soil erosion and the resulting sedimentation and turbidity of surface waters. Comply with the requirements herein in accordance with a National Pollution discharge Elimination System (NPDES) general permit NCG010000 administered by the North Carolina Department of Environmental Quality.

Establish a chain of responsibility for operations and subcontractors’ operations to ensure that the *Erosion and Sediment Control (E&SC)/Stormwater Pollution Prevention Plan* *(SPPP)* is implemented and maintained over the life of the contract.

**Roles and Responsibilities**

(A) Designate an E&SC supervisor who shall be responsible for ensuring the erosion and sediment control/stormwater plan is adequately implemented and maintained on the project and for conducting the quality control program. The E&SC supervisor shall be on the project within 24 hours notice from initial exposure of an erodible surface to the project’s final acceptance. Perform the following duties:

(1) Manage Operations - Coordinate and schedule the work of subcontractors so that erosion and sediment control/stormwater measures are fully executed for each operation and in a timely manner over the duration of the contract.

(a) Oversee the work of subcontractors so that appropriate erosion and sediment control/stormwater preventive measures are conformed to at each stage of the work.

(b) Prepare the required National Pollutant Discharge Elimination System (NPDES) Inspection Record and submit to the **EngineerLGA**.

(c) Attend all construction meetings to discuss the findings of the NPDES inspection and other E&SC related issues.

(d) Implement the approved erosion and sediment control/stormwater plans.

(e) Conduct all erosion and sediment control/stormwater work in a timely and workmanlike manner.

(h) Fully perform and install erosion and sediment control/stormwater work prior to any suspension of the work.

(i) Coordinate with Federal and State agencies on resolution of erosion and sediment control/stormwater issues due to the Contractor’s operations.

(j) Ensure that proper cleanup occurs from vehicle tracking on paved surfaces or any location where sediment leaves the project limits.

(k) Have available a set of erosion and sediment control/stormwater plans that are initialed and include the installation date of Best Management Practices. These practices shall include temporary and permanent groundcover and be properly updated to reflect necessary plan and field changes for use and review by **EngineerLGA** as well as regulatory agencies.

(2) Oversee compliance with the requirements set forth under the NPDES *NCG010000, General Permit to Discharge Stormwater for Construction Activities*, and for construction activities disturbing one or more acres of land. Some of the requirements are, but are not limited to:

(a) Control project site waste to prevent contamination of surface or ground waters of the state, i.e. from equipment operation/maintenance, construction materials, concrete washout, chemicals, litter, fuels, lubricants, coolants, hydraulic fluids, any other petroleum products, and sanitary waste.

(b) Inspect erosion and sediment control/stormwater devices and stormwater discharge outfalls at least once every 7 calendar days and within 24 hours after a rainfall event equal to or greater than 1.0 inch that occurs within a 24 hour period. Additional monitoring may be required at the discretion of Division of Water Resources personnel if the receiving stream is 303(d) listed for turbidity and the project has had documented problems managing turbidity.

(c) Maintain an onsite rain gauge to record rainfall amounts and dates.

(d) Maintain erosion and sediment control/stormwater inspection records for review by **EngineerLGA** and Regulatory personnel upon request.

(e) Provide secondary containment for bulk storage of liquid materials.

(h) Provide training for employees concerning general erosion and sediment control/stormwater awareness, and the requirements of the *General Permit, NCG010000*.

(i) Report violations of the NPDES permit to the **EngineerLGA** immediately who will notify the Division of Water Quality Regional Office within 24 hours of becoming aware of the violation.

(3) Quality Control Program - Maintain a quality control program to control erosion, prevent sedimentation and follow provisions/conditions of permits. The quality control program shall:

(a) Follow permit requirements related to the Contractor and subcontractors’ construction activities.

(b) Ensure that all operators and subcontractors on site comply with the E&SC plans and requirements of the NCG010000 permit.

(c) Notify the **EngineerLGA** when the required certified erosion and sediment control/stormwater personnel are not available on the job site when needed.

(d) Conduct the inspections required by the NPDES permit.

(e) Take corrective actions in the proper timeframe as required by the NPDES permit for problem areas identified during the NPDES inspections.

(f) Incorporate erosion control into the work in a timely manner and stabilize disturbed areas with mulch/seed or vegetative cover on a section-by-section basis.

(g) Use flocculants approved by state regulatory authorities where appropriate and where required for turbidity and sedimentation reduction.

(h) Ensure proper installation and maintenance of temporary erosion and sediment control devices.

(i) Remove temporary erosion or sediment control devices when they are no longer necessary as directed by the Division of Energy, Mineral, and Land Resources Regional Engineer or their designee.

(j) The Contractor’s quality control and inspection procedures shall be subject to review by the **EngineerLGA**. Maintain NPDES inspection records and make records available at all times for verification by the **EngineerLGA**.

**Preconstruction Meeting**

Furnish the name(s) of thedesignated E&SC supervisor andnotify the **EngineerLGA** of changes in personnel over the life of the contract within 2 days of change.

**Measurement and Payment**

All work described within this provision and the role of E&SC supervisor will be incidental to the project for which no direct compensation will be made.