### Ground Stabilization and Materials Handling Practices for Compliance with the NCG01 Construction General Permit

Implementing these details and specifications in the plan sheet will result in the construction activity being conducted compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections 2.6.22 and 2.6.4.1). The permittee shall comply with the Erosion and Sediment Control Plan approved by the delegated authority having jurisdiction. All details and specifications shown in this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

#### Temporary and Permanent Groundcover

<table>
<thead>
<tr>
<th>Description</th>
<th>Application</th>
<th>Condition/Exception</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erosion-Tolerant Plants</td>
<td>50 lbs/sq yd bare root or 50 lbs/sq yd in 10-gallon containers</td>
<td>No special conditions</td>
</tr>
<tr>
<td>Seeded Grass</td>
<td>400 lbs/sq yd bare root or 400 lbs/sq yd in 10-gallon containers</td>
<td>No special conditions</td>
</tr>
<tr>
<td>直播 video and treatments</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* For Erosion-Tolerant Plants, in disturbed areas where planting densities are not equivalent, provide temporary cover for bare root plants (3 to 5 days or equivalent) or 10 gallons per 1000 square feet. 10 gallons per 1000 square feet is equivalent to 1000 gallons per 1000 square feet.

#### Equipment and Vehicle Maintenance

- Maintain vehicles and equipment to prevent discharge of fluids.
- Avoid dice under any carport or equipment.
- Repair or replace any or repair as soon as feasible, or remove equipment from the project.
- Collect all spill fluids, store in separate containers and properly dispose of hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

#### Litter, Building Materials and Land Clearing Waste

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number of waste containers on site to manage the quantity of waste produced.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface water systems; or other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and that are not subject to a storm drain, stream, or wetland.
5. Keep waste containers at the end of each workday and before storm events. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow.
8. Dispose waste offsite at an approved disposal facility.

#### Paint and Other Liquid Waste

1. Do not dispose paint or other liquid waste into storm drains, streams, or surface water systems.
2. Locate paint waste at least 50 feet away from storm drain inlets and surface water systems or other alternatives are reasonably available.
3. Contain liquid wastes in a contained area.
4. Container must be stacked, used, and placed appropriately for the needs of the site.
5. Prevent the discharge of oils, solvents, antifreeze and other liquid wastes from construction activities.

#### Portable Toilets

1. Install portable toilets on level ground, at least 50 feet away from storm drain inlets.
3. Use a portable toilet and/or solid waste container for toilet waste handling.
4. Provide regular cleaning of portable toilets during periods of high winds or high traffic areas.
5. Monitor portable toilets for leaking and properly dispose of any leaked material.

#### Earthwork Stockpile Management

1. Store stockpile locations on plans.
2. Locate earthwork stockpile areas at least 50 feet away from storm drain inlets, sediment basins, or other alternatives that are reasonably available.
3. Place stockpiles with other materials to prevent erosion with a minimum offset of 5 feet from the toe of stockpiles.
4. Provide cable access around each stockpile.

#### Concrete Washouts

1. Do not discharge concrete or cement slurry to the site.
2. Dispose of concrete, cement, or other materials in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar entries in accordance with the above and in addition place the concrete or material deposits in impervious barrier and within approved disposal facilities.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your agency authorities for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided in this document.
5. Do not use concrete washouts for elevating or storing concrete or other materials. Stormwater accumulated within the washout may not be pumped into or discharge to the storm drain system or receiving surface systems. Use of washout must be cleaned out and restored free from materials.
6. Do not place concrete washouts in roadways, driveways, or on streets when it is to be replaced or repaired. Concrete washouts are to be removed completely and as soon as possible after they have been replaced.

#### Herbicides, Pesticides and Rodenticides

1. Do not apply herbicides, pesticides, or rodenticides in accordance with local and state regulations.
2. Store herbicides, pesticides, and rodenticides in their original containers with the label intact for structure use, ingredients, and instructions.
3. Use only pesticide formulations of use which contain no residues of use on crops, ingredients, and instructions.
4. Do not stockpile these materials onsite.

#### Hazardous and Toxic Waste

1. Do not dispose hazardous waste collection areas on site.
2. Place hazardous waste containers under covers or in secure containment.
3. Do not store hazardous chemicals, drums or tagged materials directly on the ground.

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**Note:** This document provides guidelines for construction activities to ensure compliance with state and federal environmental regulations. Always consult with local authorities and experts for the most current and specific requirements in your area.
### PART III  SELF-INSPECTION, RECORDKEEPING AND REPORTING

#### SECTION A  SELF-INSPECTION

Self inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day or as soon as it is possible to perform the inspection. In addition, when a snowstorm of greater than 1.0 inch occurs outside of normal business hours, the self inspection shall be performed upon commencement of the next business day. Any time inspections were delayed shall be noted in the inspection report.

<table>
<thead>
<tr>
<th>Inspect</th>
<th>Frequency</th>
<th>During normal business hours (NM)</th>
<th>Inspection record need include</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rain</td>
<td>Daily</td>
<td>Days in which any rain occurred</td>
<td>Include all times and conditions of rain, including rainfall amount, intensity, and duration.</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** The rain inspection requires the required 7 calendar day inspection requirement.

#### SECTION B  RECORDKEEPING AND REPORTING

**1. Natural Gas:**

**A. Record Retention:**
- All records and materials shall be retained for at least 3 years from the date of the inspection.
- All records shall be maintained in a manner that allows for easy access to all pertinent information.

**B. Report Requirements:**
- All reports shall be submitted to the appropriate regulatory agency within 30 days of the date of the inspection.
- All reports shall be submitted electronically.

**2. Equipment Maintenance:**

**A. General Requirements:**
- All equipment shall be maintained in good working order.
- All equipment shall be inspected at least once per year.

**B. Specific Requirements:**
- All equipment shall be inspected prior to each use.
- All equipment shall be inspected upon completion of each use.

**3. Record Retention:**
- All records and materials shall be retained for at least 3 years from the date of the inspection.
- All records shall be maintained in a manner that allows for easy access to all pertinent information.

**C. Report Requirements:**
- All reports shall be submitted to the appropriate regulatory agency within 30 days of the date of the inspection.
- All reports shall be submitted electronically.

### PART IV  REPORTING

**1. Certification:**
- The self-inspection report must be certified by the owner or operator of the facility.
- The certification must state that the inspection was performed in accordance with the requirements of this section.

**2. Reporting Requirements:**
- All reports and materials shall be submitted to the appropriate regulatory agency within 30 days of the date of the inspection.
- All reports shall be submitted electronically.

**3. Record Retention:**
- All records and materials shall be retained for at least 3 years from the date of the inspection.
- All records shall be maintained in a manner that allows for easy access to all pertinent information.

**D. Report Requirements:**
- All reports shall be submitted to the appropriate regulatory agency within 30 days of the date of the inspection.
- All reports shall be submitted electronically.

### EFFECTIVE: 03/01/19

NCG01 - SELF-INSPECTION, RECORDKEEPING AND REPORTING

NORTH CAROLINA Environmental Quality

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