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## **CITY OF CHARLESTON, SOUTH CAROLINA**

### **Department of Development Services**

#### **Erosion Protection & Sediment Control Certification**

**ALL REQUESTED INFORMATION MUST BE PROVIDED ON THIS FORM**

For Single Family Residential, Small Construction Projects, and Utility/Linear Projects

#### **Applicant Information**

**OWNER:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

**PHONE:** \_\_\_\_\_ **FAX:** \_\_\_\_\_ **E-MAIL:** \_\_\_\_\_

#### **Property Information**

**PARCEL/TMS #S:** \_\_\_\_\_ **LOT NUMBER(S):** \_\_\_\_\_

**DEVELOPMENT**  
**NAME/PHASE:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

**TOTAL ACRES:** \_\_\_\_\_ **DISTURBED ACRES:** \_\_\_\_\_

**LOTS APPLIED FOR:** \_\_\_\_\_

#### **Contractor Information (if applicable)**

**COMPANY:** \_\_\_\_\_

**OPERATOR NAME:** \_\_\_\_\_

**LICENSE #:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

**PHONE:** \_\_\_\_\_ **FAX:** \_\_\_\_\_ **EMAIL:** \_\_\_\_\_



**1. Is your site part of a larger common development?  yes  no**

If yes you must sign the certification below. If no proceed to question 2.

**I certify by my signature below that:**

I certify under penalty of law that I understand and will implement the City's construction, development, and redevelopment activity management requirements specified in the construction activity application issued to the owner of the development and those listed in this Erosion Protection & Sediment Control Certification. I will ensure that all stormwater control measures are maintained. I further certify that City of Charleston inspectors may enter the property as necessary to ensure compliance with all related requirements.

**OPERATOR SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**OWNER SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**2. If not part of a larger common development, you must sign the certification below.**

I certify under penalty of law that I understand and will implement the City's construction activity management requirements specified in this Erosion Protection & Sediment Control Certification. I will ensure that the stormwater control measures are maintained. I further certify that City of Charleston inspectors may enter the property as necessary to ensure compliance with all related requirements.

**OPERATOR SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**OWNER SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**Construction Activity Management Requirements for Single Family Residential structures and Small Construction Projects disturbing less than 1 acre, and Utility/Linear Projects**

1. The lot/area shall have protection around the entire boundary with allowances for no more than two entrance/exits. This protection may be silt fencing or earthen or man-made berms or dikes. These measures shall be installed prior to land disturbance and maintained until the project is stabilized as detailed below. The following guidelines shall be followed:

- The maximum length from the crest of a hill to the fence is 100-feet. When the distance from a crest to the property boundary is greater than 100-feet, an



intermediate row of silt fence shall be used or another control measure shall be employed.

- The maximum slope steepness (normal [perpendicular] to fence line) is 2H:1V. When exceeded, slope drains shall be employed.
- A maximum of  $\frac{1}{4}$  acre drainage per 100 linear feet of silt fence shall be used. When this area is exceeded, an intermediate row of silt fence shall be used or another control measure shall be employed.
- Sediment accumulated along the fence shall be removed when it reaches 1/3 the height of the fence.
- Proper construction of these measures can be found in South Carolina Department of Environmental Services (SCDES) BMP Manual. Manufacturer's recommended installation and maintenance procedures shall be followed.

2. Nearby stormwater inlets, manholes, etc. in the street or on this or adjacent property shall be protected through the use of sediment tubes, check dams, or inlet protection devices. These measures shall be maintained throughout the construction process until the site is stabilized as detailed below.
3. A maximum of two (2) construction entrances shall be provided at all times. The entrances shall contain washed stone that is at least 6-inches deep, 20-feet wide, and 75-feet long. The stone shall be maintained throughout the construction process until the site is stabilized as detailed below. Sediment tracked onto streets shall be removed daily. More information on the installation and maintenance of the construction entrances can be obtained from the Public Service Department.
4. All sediment and erosion control devices shall be inspected every seven (7) days. If site inspections identify BMPs that are damaged or are not operating effectively, maintenance must be performed as soon as practical or as reasonably possible and before the next storm event, whenever practicable.
5. Construction debris and other waste shall be contained in a dumpster or covered with plastic. Chemicals, paints, solvents and other materials shall be stored such that exposure risk to precipitation and stormwater run-on is low. Concrete wash water shall be disposed in an area of soil away from surface waters where soil can act as a filter or evaporate the water. Remaining cement shall be disposed of in a dumpster or otherwise removed from the site. Be aware that this water can kill vegetation. De-watering water shall be disposed of in a pervious area and shall be contained completely within that area. Discharge of sediment from de-watering operations shall be prevented from entering into stormwater facilities and surface waters.
6. Areas not used during construction shall be vegetated with sod or grass seed. Existing/natural vegetation shall be preserved as much as possible. Grass specifications are available from SCDES.



7. A site is considered stabilized once the entire area other the buildings, driveways, and walkways has a vegetative cover with a density of 70%. Seeding shall be accompanied or replaced with erosion control mats as necessary to achieve this density.
8. After final stabilization is achieved, all temporary control measures shall be removed from the site.

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**APPLICANT'S SIGNATURE**

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**DATE**

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**CONTRACTOR'S SIGNATURE**

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**DATE**