

**SECTION 31 25 13
SOIL EROSION AND SEDIMENTATION CONTROL**

PART 1 - GENERAL

1.1 DESCRIPTION:

This section specifies the devices and methods used to prevent soil erosion and sediment loss from the construction site.

1.2 APPLICABLE PUBLICATIONS:

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. Virginia Department of Conservation and Recreation (VDCR)
Erosion and Sediment Control Handbook
- C. US Federal Highway Administration
2009 Manual of Uniform Traffic Control Devices (MUTCD)

1.3 SUBMITTALS:

- A. Inlet Filter Bags, Erosion Eel, and Floc Mat: Submit product data for each item.

PART 2 - PRODUCTS

2.1 INLET FILTER BAG:

- A. Product to be Silt Sack by ACF Environmental, Dandy Bag by Dandy Products, FlexStorm Inlet Filters, or approved equal.

2.2 EROSION EEL AND FLOC MAT:

- A. Products to be Erosion Eel and Floc Mat by Friendly Environment.
Product is patented and there are no acceptable alternates. Silt fence may not be used as trenching will not be allowed over graves.

PART 3 - EXECUTION

3.1 PRODUCT INSTALLATION:

- A. Install Soil Erosion and Sediment Control devices as indicated on the Plans, and in accordance with the Virginia Erosion and Sediment Control Handbook

3.2 SOIL EROSION AND SEDIMENTATION CONTROL MAINTENANCE:

- A. Inspect all products weekly, and after every rain event greater than one inch. Clean, repair, and replace products as needed. Ensure Erosion Eel extends across entry gate as shown on Plans whenever the Contractor leaves the site, and during every rain event. Sweep Wilkes and Payne streets weekly, and more frequently if required.

3.2 PRODUCT REMOVAL:

- A. Remove all devices from the site at the completion of the project, and clean all catch basins and storm manholes.

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