

## CONSTRUCTION SPECIFICATION

### VA-705. POLLUTION CONTROL

#### 1. SCOPE

This work will consist of installing measures or performing work to control erosion and minimize the production of sediment and other pollutants to water and air from construction.

#### 2. MATERIALS

All material furnished will meet the requirements listed in the construction drawings and referenced specifications.

#### 3. EROSION AND SEDIMENT CONTROL MEASURES

All erosion and sediment control measures will be installed in accordance with all applicable federal, state and local laws, ordinances and regulations.

##### a. Earthwork Activities

The excavation and moving of soil materials will be scheduled and staged to minimize the size of areas disturbed and unprotected from erosion for the shortest reasonable time.

##### b. Seeding

Seeding of disturbed areas will occur as soon as reasonably possible following the completion of earthwork activities. All seeding, mulching, fertilizer and associated work will conform to Construction Specification VA-706, Seeding.

##### c. Diversions

Diversions to divert water away from work areas will be installed as necessary to prevent erosion. Temporary diversions will be removed and the area restored to its original condition upon project completion.

##### d. Sediment Filters

Straw bale filters or silt fence will be used as necessary to prevent sediment from leaving the construction site. Sediment filters will be properly anchored to prevent erosion under or around them. These filters are temporary and will be removed and the area restored to its original condition upon project completion.

##### e. Sediment Basins

Temporary sediment basins will be used as necessary to collect, settle, and eliminate sediment from eroding areas as well as to prevent impact to properties and streams below the construction site. These basins are temporary and will be removed and the area restored to its original condition upon project completion.

##### f. Other Measures

Additional protections measures will be used as necessary or as required by federal, state, or local laws, ordinances and regulations to prevent erosion.

4. CHEMICAL POLLUTION

Measures will be taken to contain chemical pollutants such as fuels, grease and soaps produced as a by-product of construction activities. Pollutants will be disposed of in accordance with all appropriate federal, state, or local laws, ordinances and regulations.

5. AIR POLLUTION

The burning of brush, wood debris or other construction related material will be in accordance with all applicable federal, state, or local laws, ordinances and regulations. Fire prevention measures will be taken to prevent the start or spreading of wildfires that may result from construction activities.

Dust control methods will be used as necessary. All dust control methods will ensure safe construction operations at all times. If chemical dust suppressants are used, the material will be a commercially available product specifically designed for dust suppression and the application will follow the manufacturer's requirements and recommendations. A copy of the product data sheet and manufacturer's recommended application procedures will be provided to the NRCS or SWCD representative prior to the first application.

6. MAINTENANCE, REMOVAL, AND RESTORATION

All pollution control measures will be adequately maintained in a functional condition for the duration of the construction period. All temporary measures will be removed and the site restored to original condition upon project completion.