

# **DELAWARE CONSTRUCTION SPECIFICATION**

## **POLLUTION CONTROL CS 6**

### 1. **SCOPE**

The work shall consist of installing measures or performing work to control erosion and minimize the production of sediment and other pollutants to water and air during construction operations in accordance with these specifications.

### 2. **MATERIALS**

All materials furnished shall meet the requirements of the pertinent ASTM Specifications or attached Material Specifications.

### 3. **EROSION AND SEDIMENT CONTROL MEASURES AND WORKS**

The work and measures shall include but not be limited to the following, as shown on the drawings or as designated by the technician.

Staging of Earthwork Activities – The excavation and moving of soil materials shall be scheduled so that the smallest possible areas will be unprotected from erosion for the shortest time feasible.

Seeding – Seedings to protect disturbed areas shall be done as specified on the drawings or as designated by the technician. Seedbed preparation, seeding, liming, fertilizing and mulching shall be in accordance with Delaware Construction Specification 62.

Mulching – Mulching shall be used to provide temporary protection to soil surfaces from erosion.

Diversions – Diversions shall be used to divert water away from work areas and/or to collect runoff from work areas for treatment and safe disposition.

Stream Crossings – Culverts or bridges shall be used where equipment must cross streams.

Sediment Basins – Sediment basins shall be used to settle and filter out sediment from eroding areas to protect properties and streams below the construction site.

Straw Bale Filters – Straw bale filters shall be used to trap sediment from areas of limited runoff. Bales are temporary and shall be removed when permanent measures are installed.

4. CHEMICAL POLLUTION

The contractor shall provide watertight tanks or barrels or construct a sump sealed with plastic sheets to be used to dispose of chemical pollutants (such as drained lubricating transmission oils, greases, soaps, asphalt, etc.) produced as a by-product of the project's work. At the completion of the construction work, sumps shall be voided without causing pollution.

Sanitary facilities such as pit toilets, chemical toilets, or septic tanks shall not be placed adjacent to live streams, well, or springs. They shall be located at a distance sufficient to prevent contamination of any water sources. At the completion of construction work, facilities shall be disposed of without causing pollution.

5. AIR POLLUTION

Local and state regulations concerning the burning of brush or slash or disposal of other materials shall be adhered to.

Fire prevention measures shall be taken to prevent the start or the spreading of fires which result from project work. Fire breaks or guards shall be constructed at locations shown on the drawings.

All public access or haul roads used by the contractor during construction of the project shall be sprinkled or otherwise treated to fully suppress dust.

6. MAINTENANCE, REMOVAL, AND RESTORATION

All pollution control measures and works shall be adequately maintained in a functional condition as long as needed during the construction operation. All temporary measures shall be removed and the site restored to as nearly original condition as practicable.