



**Fort Belvoir Directorate of Public Works (DPW)
Municipal Separate Storm Sewer System (MS4) Program**

Erosion & Sediment Control Technical Bulletin #3:

EROSION & SEDIMENT CONTROL REQUIREMENTS FOR UTILITY INSTALLATION

APPLICABILITY

This bulletin is applicable to Garrison, Tenant and Contractor Operations for excavation or installation of linear utilities.

BACKGROUND

All work associated with the installation, maintenance, and repair of panel racks, conduit, manholes, and underground utility (communication, water, sewer, power, natural gas) lines must be conducted in accordance with the standards and specifications outlined in the Virginia Erosion and Sediment Control Handbook (VESCH) and in accordance with Minimum Standard 16 for Utilities (9VAC25-840-40.A.16).

EROSION AND SEDIMENT CONTROL REQUIREMENTS

If the project involves an area of land disturbance that is greater than 2,500 square feet, an Erosion and Sediment Control plan is to be submitted to DPW-Environmental. Refer to Fort Belvoir MS4 Program Bulletin #1 for more information on plan development and review requirements.

Regardless of the size of the area of land disturbance, the contractor is responsible for:

- Installing and maintaining erosion and sediment control measures to ensure disturbed ground does not leave the work site;
- Removing all excavated materials not required from the work site once the work has been completed;
- Grading the disturbed area once the work has been completed;
- Seeding and/or mulching the disturbed area(s)
- Employing dewatering procedures in accordance with Minimum Standard 16, the VESCH, and the Virginia Erosion and Sediment Control Regulations (VESCR).

In addition to the above, underground utility lines shall be installed in accordance with the following standards along with any other applicable criteria:

- No more than 500 linear feet of trench may be opened at one time
- Excavated material shall be placed on the uphill side of trenches
- Effluent from dewatering operations shall be filtered or passed through an approved sediment trapping device and discharged in a manner that does not adversely affect off-site property
- Material used for backfilling trenches shall be properly compacted in order to minimize erosion and promote stabilization
- Restabilization shall be accomplished in accordance with Std. & Spec. 3.32 or 3.33 of the VESCH
- Applicable safety regulations shall be complied with

The contractor is to notify DPW-Environmental when work has been completed to arrange for an inspection. This inspection will ensure that requirements of VESCR, the VESCH, and Minimum Standard 16 have been met.

DPW-ENVIRONMENTAL POINT OF CONTACT

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