
SECTION 02275

SEDIMENT AND EROSION CONTROL

PART 1 - GENERAL

1.01 DESCRIPTION-WORK INCLUDED

- A. Without limitation, the work of this Section shall include labor, materials and equipment to conduct the following:
1. The furnishing and installation of temporary controls such as filter fabric fence, grading to control runoff, pervious dams, and other miscellaneous controls as shown on the Contract Drawings or directed by CTARNG.
 2. Continual maintenance of installed erosion control devices.
 3. Removal and cleanup.

B. RELATED WORK DESCRIBED ELSEWHERE

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| 1. Formation of Subgrade | Section 02260 |
| 2. Excavation, Backfilling and Compaction | Section 02220 |

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Geotextile Fabric: Filter fabric fence shall conform to the details indicated on the contract drawings and as follows:
1. Filter fabric fence shall be a woven fabric.
 2. Filter fabric shall be a minimum of 36" in width.
 3. Stakes for fencing shall be in accordance with the manufacturers recommendations.
 4. Filter fabric fence used for diversion of "clean" surface runoff shall be a low porosity fabric.
 5. Filter fabric fence used for silt interpretation shall be Mirafi Silt Fence, Amoco 1380 or equivalent.

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- B. Other Materials: All other materials, not specifically described, but required for adequate erosion control, shall be provided, as selected, by the Contractor subject to the approval of the CTARNG.

PART 3 - EXECUTION

3.01 GENERAL EROSION CONTROL REQUIREMENTS

- A. CTARNG has the authority to control the surface area of each material exposed by construction operations and to direct the Contractor to immediately provide permanent or temporary pollution control measures to prevent contamination of existing storm drainage systems or surface waters.
- B. The erosion control features installed by the Contractor shall be maintained by the Contractor, and he shall remove such installations if ordered by the CTARNG.
- C. Contractor shall operate all equipment and perform all construction operations so as to minimize pollution. The Contractor shall cease any of his operations, which will increase pollution during rainstorms.

3.02 FILTER FABRIC FENCING

- A. Filter fabric, when required, shall be mounted on wood stakes or metal posts. Fence backing is not required for this project. The bottom six (6") inches of the fabric shall be buried by trenching or secured with crushed stone.
- B. Maintain filter fabric fence throughout the contract period and remove all such temporary features when directed. Any damaged during construction shall be replaced at no additional cost to the Owner.
- C. Sediment buildup shall be removed from behind fences before it exceeds six (6") inches in depth. Filter fabric fence shall be inspected everyday and repaired/replaced as necessary.
- D. Additional inspections may be required prior to or immediately following any major rainstorms. Filter fabric fences shall be removed at the completion of the project or at an appropriate time to complete subbase and pavement work.

3.05 REMOVAL AND CLEANUP

- A. All temporary erosion control facilities when ordered by the CTARNG shall be removed in a neat and workmanlike manner, and shall also include removal and disposal of accumulated silt.

END OF SECTION