

SECTION 31 25 13 - EROSION AND SEDIMENT CONTROLS

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK:

- A. Provide, inspect, and maintain devices to control erosion, siltation, sedimentation, and dust that occur during construction operations. Undertake every reasonable precaution and do whatever is necessary to avoid erosion of soil and to prevent silting of wetland areas, drainage ditches, and rivers.
- B. Furnish and install stabilized construction entrances and culvert and catch basin inlet sediment filters.
- C. Provide measures to control dust caused on and off the Project site.
- D. Deficiencies in erosion control measures indicated by failures or erosion shall be immediately corrected by providing additional measures or different techniques to correct the situation and prevent subsequent erosion.
- E. Exposure of soils on embankments, excavations, and graded areas shall be kept as short as possible. Initiate seeding and other erosion control practices as soon as reasonably possible.
- F. Mechanized Equipment will not be permitted in water courses unless specifically required in the Contract Documents.

1.02 QUALITY ASSURANCE:

- A. Conform to all requirements of applicable federal, state and local permits, and Contract Documents, and conform to the recommendations of the Standards whether the measures are specifically noted herein, or not.
- B. Meet with the ENGINEER to discuss erosion control requirements prior to the start of construction.

1.03 REFERENCES:

- A. "Maine Erosion and Sedimentation Control BMPs" prepared by the Maine Department of Environmental Protection, most recent updated version.

1.04 SUBMITTALS:

- A. Erosion Control Products: Prepare and submit manufacturer's information on erosion and sedimentation control products to ENGINEER for approval prior to construction startup.

PART 2 - PRODUCTS

2.01 MATERIALS:

- A. General: Use the following materials in construction of sediment traps, erosion control devices, and slope protection as specified on the DRAWINGS. Other materials require approval of the ENGINEER.
- B. Catch Basin Inlet Sediment Barrier: ACF Environmental, Inc. High Flow Siltsack®, Siltsaver Inlet Filter, or approved equal.

### PART 3 - EXECUTION

#### 3.01 TEMPORARY EROSION DEVICES:

- A. General: Provide the following devices to control erosion. Other devices require approval of the ENGINEER.
- B. Catch Basin Inlet Sediment Barrier: Install, check, and clean or replace per manufacturer's recommendations.

#### 3.02 REMOVAL OF TEMPORARY EROSION CONTROL:

- A. Remove temporary materials and devices when permanent soil stabilization has been achieved. Re-use materials in good condition if approved by the ENGINEER.
- B. Remove unsuitable materials from site and dispose of in a legal manner.

#### 3.03 MAINTENANCE:

- A. Inspect erosion control practices immediately after each rainfall and at least daily during prolonged rainfall or snowmelt for damage. Provide maintenance and make appropriate repairs or replacement at no additional cost to the OWNER, until Project acceptance or as required to comply with maintenance requirements if longer.

END OF SECTION 312513