

#### **4.8 EROSION AND SEDIMENTATION CONTROL PLAN –**

The following shall apply to the submission and approval of an Erosion and Sedimentation Control Plan. All provisions of this Section are in addition to other requirements of these Regulations. No land development which is cumulatively more than one-half acre in area shall be undertaken in any district unless certification of a Control Plan in compliance with the provisions of this Section has first been obtained from the Commission or its designated agent. No permit shall be issued until a Control Plan has been approved by the Commission or its designated agent, or it has been determined that a Control Plan is not required.

##### **4.8.1 Required Submission-**

The submission of material required to obtain approval of a Control Plan shall include, but not be limited to the name, address and phone number of the contact person responsible for the plan and the following plan components:

##### **A narrative describing:**

- a.** The development;
- b.** The schedule for grading and construction activities including;
  1. Start and completion dates;
  2. Sequence of grading and construction activities;
  3. Sequence for installation and/or application of soil erosion and sediment control measures;
  4. Sequence for final stabilization of the project site.
- c.** The design criteria for proposed soil erosion and sediment control measures and storm water management facilities.
- d.** The construction details for proposed soil erosion and sediment control measures and storm water management facilities.
- e.** The installation and/or application procedures for proposed soil erosion and sediment control measures and storm water management facilities.
- f.** The operations and maintenance program for proposed soil erosion and sediment control measures and storm water management facilities.
- g.** The engineer's cost estimate for the proposed control plan measures and facilities.

**A site plan map drawn to a scale of not less than one inch to 100 feet to show:**

- a. The location of the proposed development and adjacent properties;
- b. The existing and proposed topography including soil types, wetlands, watercourses and water bodies;
- c. The existing structures on the project site, if any;
- d. The proposed area alterations including cleared, excavated, filled or graded areas and proposed structures, utilities, roads and, if applicable, new property lines;
- e. The location of and design details for all proposed soil erosion and sediment control measures and storm water management facilities;
- f. The sequence of grading and construction activities;
- g. The sequence for installation and/or application of soil erosion and sediment control measures;
- h. The sequence for final stabilization of the development site.

Any other information deemed necessary and appropriate by the applicant or requested by the Commission or its designated agent.

**4.8.2 Minimum Acceptable Standards -**

- a. Plans for soil erosion and sediment control shall be developed in accordance with these Regulations using the principles as outlined in the Connecticut Guidelines for Soil Erosion and Sediment Control (1985), as amended. Control Plans shall result in a development that; minimizes erosion and sedimentation during construction; is stabilized and protected from erosion when completed; and does not cause off-site erosion and/or sedimentation.
- b. The Commission (or the County Soil and Water Conservation District) may grant exceptions when requested by the applicant if technically sound reasons are presented.
- c. The appropriate method from Chapter 9 of the Connecticut Guidelines for Soil Erosion and Sediment Control (1985), as amended shall be used in determining peak flow rates and volume of runoff unless an alternative method is approved by the Commission.

#### **4.8.3 Issuance or Denial of Certification -**

- a. The Commission shall either certify that the Control Plan, as filed, complies with the requirements and objectives of this section or deny certification when the development proposal does not comply with this Section.
- b. Nothing in these Regulations shall be construed as extending the time limits for the approval of any application under Chapters 124, 124 A or 126 of the General Statutes.
- c. Before certification, any plan submitted to the Town may be reviewed by the County Soil and Water Conservation District which may make recommendations concerning such plan, provided such review shall be completed within 30 days of the receipt.
- d. The Commission may send a copy of the development proposal to the Conservation Commission or other review agency or consultant for review and comment.

#### **4.8.4 Bond or Other Assurance -**

- a. The estimated costs of measures required to control soil erosion and sedimentation, as specified in the Control Plan, may be required to be covered in a bond or other assurance acceptable to the Commission.
- b. Site development shall not begin unless the Control Plan is certified and those control measures and facilities in the plan scheduled for installation prior to site development are installed and functional.
- c. Planned soil erosion and sediment control measures and facilities shall be installed as scheduled according to the Control Plan. Additional soil erosion and sediment control measures and facilities may be required as field conditions warrant.
- d. All control measures and facilities shall be maintained in effective condition to ensure compliance with the Control Plan.

#### **4.8.5 Inspection -**

Inspections shall be made by the Commission's designated agent during development to ensure compliance with the Control Plan and that control measures and facilities are properly performed or installed and maintained. The Commission shall require the permittee to verify through bi-weekly progress reports that soil erosion and sediment control measures and facilities have been performed or installed according to the Control Plan and are being operated and maintained. Additional control measures may be required by the inspector as field conditions warrant.