



# *Town of Falmouth*

## *Department of Public Works - Engineering Division*

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## **Soil Erosion & Sediment Control Standard Conditions**

The purpose of an erosion and sediment control plan is to minimize erosion and transport of sediments of disturbed areas during construction both off site and on site from stormwater or wind; minimize impacts to abutting properties and Town or private ways; protect downstream stormwater appurtenances; protect nearby resource areas; protect groundwater; protect natural vegetation; and protect natural habitat among other goals. These plans also help minimize construction impacts to adjacent properties including, but not limited to: maintaining natural buffers during and after construction, providing buffers for certain construction activities such as generators and motors, reducing construction equipment impacts to roadway travel, and establishing best management construction practices.

The following conditions shall be met by all construction projects which include erosion and sediment control required by a Town of Falmouth Department, Board, Committee, Commission, or other authority, or when deemed necessary by the Department of Public Works Engineering Division.

1. All erosion and sediment control measures shall be shown on an Erosion and Sediment Control Plan. The Erosion and Sediment Control Plan shall be from an approved permit plan set approved by Zoning Board of Appeals, Planning Board, Conservation Commission, Board of Health, Building Department, Water Department, Sewer Department, Highway Department, Parks Department, Engineering Division, or any other Town board or department. The Applicant shall provide the Engineering Division with the Approval showing that the plan is from the approved plan set. If there is no approved plan, the Applicant shall submit a plan for review and approval by the Engineering Division. The plan that meets these requirements shall be considered the "approved plan".
2. All erosion and sediment control measures shall be installed in accordance with the approved plan and the document "Massachusetts Erosion and Sediment Control Guidelines for Urban and Suburban Areas."
3. All erosion and sediment control measures shall be installed prior to any soil disturbance or vegetation clearing, and shall be maintained until permanent protection is established. No erosion and sediment control measure shall be removed until authorized by the Falmouth DPW Engineering Division.
4. Prior to any work being performed on the site, the Applicant shall provide the DPW Engineering Division in writing the name, address, business and emergency phone numbers of the person(s) who will be responsible for ensuring compliance with the Erosion and Sediment Control Plan and these Conditions. The responsible party shall have the authority to address any issues pertaining to the erosion and sediment control plans throughout the construction period.
5. Any changes, alterations, or revisions to the approved plans shall be submitted to the DPW Engineering Division for approval prior to implementation. The original approving authority may be sent the revision for their determination if modification of their approval is required as well.
6. The limit of work as shown on the approved plan shall be established with all required physical barriers prior to start of construction. The limit of work shall be inspected and approved by the DPW Engineering Division and no construction should commence until the Applicant is informed in writing that they may begin construction. The limit of work shall be maintained for the entirety of construction. Should the limit of work

require expansion or modification, the Applicant shall stake out the modification and seek approval from the DPW Engineering Division in writing before modification.

7. If a subsurface sewage disposal system will be constructed on the site, this area must be protected with a physical barrier to be maintained throughout construction. Protection measures shall be inspected and approved by DPW Engineering Division prior to commencement of construction.
8. Any stormwater infiltration areas must be protected with a physical barrier to be maintained throughout construction. Protection measures shall be inspected and approved by DPW Engineering Division prior to commencement of construction.
9. A stabilized construction entrance(s) shall be required wherever an earthen road or drive intersects with a paved road. Construction shall be as shown on the approved plans or as described in the document "Massachusetts Erosion and Sediment Control Guidelines for Urban and Suburban Areas." The construction entrance(s) shall be constructed prior to clearing and grubbing the site. The construction entrance(s) shall be inspected and approved by the DPW Engineering Division and no clearing and grubbing shall commence until the Applicant is informed in writing that they may proceed. The construction entrance(s) shall be maintained until the permanent entrance is constructed. The Applicant shall seek approval from the DPW Engineering Division in writing before removal of the construction entrance(s).
10. A concrete washout area (if required) shall be determined and demarcated on the site and details be provided.
11. All existing stormwater appurtenances immediately downstream of the project shall be protected by the Applicant. Silt sacks, if required, shall be installed on downstream catchbasins as shown on the approved plan. Haybales, siltfence, or wattles, if required, shall be installed to protect downstream properties as shown on the approved plan. Any other required off site protection shown on the approved plan shall be installed. No construction shall commence until all required downstream protections are installed, inspected, and approved. The DPW Engineering Division may require additional downstream protections not shown on plans approved by others.
12. At no point in construction shall silt, sediment, erosion, or stormwater runoff from construction areas be allowed outside the demarcated limit of works. Any violation of this condition shall be reported to the DPW Engineering Division within 24 hours with what occurred, what caused the issue, what will be done or has been done to rectify the issue, and what measures are proposed to prevent the issue from occurring in the future. The Applicant shall be responsible for repairing any damages to abutting properties.
13. All erosion and sediment control measures shall be maintained and inspected as outlined in the document "Massachusetts Erosion and Sediment Control Guidelines for Urban and Suburban Areas." Copies of any required stormwater management inspection reports (SWPPP, Conservation Commission, or otherwise) shall be submitted also to the DPW Engineering Division.
14. The site shall at all times be graded and maintained so that all stormwater runoff is diverted to sediment control measures.
15. Stockpiles shall not be located within 50 feet of a drainage facility, roadway, or abutting property line. Haybales, siltfence, or other approved means shall be properly entrenched at the base of the stockpile.
16. Paved roadways within the project site shall be kept clean at all times. Should roads adjacent to the site become impacted by construction activities on the site, cleaning, sweeping, or other measure shall be the responsibility of the Applicant.

17. Any disturbed area that will be left exposed for more than thirty (30) days and not subject to construction traffic shall immediately receive temporary seeding, or other stabilization measures.
18. Permanent vegetation shall be established on exposed areas within ten (10) days after final grading. If final grading is performed outside the growing season, temporary stabilization shall be applied and maintained until permanent vegetation can be established during the following growing season.
19. The DPW Engineering Division may request additional measures to minimize on site or off site problems during construction.
20. No erosion and sediment control measures onsite or offsite shall be removed until approved in writing by the DPW Engineering Division.
21. The DPW Engineering Division reserves the right to perform inspections at any time during the construction period.
22. The DPW Engineering Division may waive any or all of these requirements, whole or in part, at their discretion upon request of the Applicant in writing. The request shall include the exact waiver requested with an explanation why the requirement should be waived. Any waivers shall be provided to the Applicant in writing.

**Minimum Erosion and Sediment Control Plan Information**

Note: If there is a previously approved erosion and sediment control plan, the DPW Engineering Division may require additional information if not present on the plans. Below is the minimum expected information, additional information may be required depending on the site, proposed construction, location, or other reason.

- Limit of work and how it will be demarcated in the field. (i.e. siltfence, construction fence, wattles, etc)**
- Existing and proposed topography**
- Existing and proposed tree lines**
- Property lines**
- Structures within 100 feet of the limit of work**
- Construction entrance location(s) and detail(s)**
- Stockpile, staging, material storage, and equipment storage location(s)**
- Concrete washout location(s) (if required)**
- Construction sediment swales, sediment basins, sediment traps, tanks, or other sediment control measures locations and details**
- Construction phasing (if any) and any required changes to erosion and sediment control measures due to phasing. Note additional erosion and sediment control plans may be required for multi-phase projects.**
- Proposed erosion and sediment control measures locations and details**
- Proposed structures, roads or driveways, and utilities.**
- Location of excess materials disposal (on site or off site) indicated or noted**
- General erosion and sediment control notes**
- General construction notes**
- General grading notes**

**Minimum Inspection/Approval/Notification Summary**

- Erosion Sediment Control Plan, previously approved by others or new**
- Responsible party information to DPW Engineering Division**
- Limit of work established on site or proposed modification of limit of work**
- Construction entrance installation and removal**
- Subsurface sewage disposal area(s) and stormwater infiltration area(s) physical barriers installed**
- Downstream protections (if any) installation and removal**
- Disturbance outside of demarcated limit of work (runoff, erosion, sediment, work, etc)**
- Any required inspection reports**
- Prior to any erosion sediment control measure removal**