

Town of Colchester

Stormwater Management Plan Application

The submission of a Stormwater Management Plan is required under Chapter 18 of the Town's Ordinances for any land disturbance activities that are equal to or greater than 1 acre AND create between 10,000 square feet and ½ acre of impervious surface. When applicable, the approval of a Stormwater Management Plan is required before the issuance of a Building Permit for any land disturbance activities regulated under the Stormwater Ordinance.

The Stormwater Management Plan must address at a minimum; (1) water quality treatment, (2) channel protection, (3) groundwater recharge, (4) over bank flood protection, and (5) extreme flood protection. The Stormwater Management Plan shall be prepared and signed by a licensed, professional engineer who shall verify and demonstrate conformance to the applicable water quality treatment standards and stormwater management design criteria contained within the Ordinance. The Stormwater Management Plan shall contain both narrative and map(s) that clearly provide the following information:

Item 1 – Contact Information

1. Applicants Name: _____
2. Mailing Address: _____
3. Parcel ID# and address of affected property: _____
4. Telephone: _____
5. E-Mail: _____
6. Construction Start Date: _____

Item 2 – Site Plan

A map indicating the location of existing and proposed buildings, roads, parking areas, utilities, structural stormwater management and sediment control facilities. The map will also clearly show proposed land use with tabulation of total lot size in acres, percentage of surface areas to be disturbed, percentage of both existing and proposed impervious surfaces, drainage patterns, locations of utilities, limits of clearing and grading, and all easements, including those easements necessary for required maintenance of all stormwater treatment practices.

Item 3 – Base Map

A 1" = 200' topographic base map of the site which extends a minimum of 100' beyond the limits of the proposed development and indicates existing surface water drainage including streams, ponds, culverts, ditches, and wetlands and current land use including all existing buildings, utilities, roads, and significant natural and manmade features not otherwise shown.

Item 4 – Calculations

Sufficient engineering analysis to show that the proposed stormwater treatment practices are capable of controlling runoff from the site in compliance with the ordinance and the stormwater design manual. The analysis shall also include hydrologic and hydraulic design calculations for the pre-development and post-development conditions for the design storms specified in the Public Works Specifications and Standards. Post-development stormwater runoff flows shall be limited to equal to or less than pre-development stormwater runoff flows for a minimum twenty-five years storm, twenty-four hour storm event.

Item 5 – Soils Report

If a stormwater treatment practice depends on hydrologic properties of soils, such as infiltration basins, then a soils report shall be submitted. The soils report shall be based on on-site boring logs or soil pit profiles.

Item 6 – Maintenance and Repair Plan

The design and planning of all stormwater management facilities shall include detailed maintenance and repair procedures to ensure their continued function. These plans will identify the parts or components of a stormwater management facility that needs to be maintained. The maintenance plan shall also include:

- a) A landscape plan for the management of vegetation at the site after construction is finished, including who will be responsible for the maintenance of vegetation at the site and what practices will be employed to ensure that adequate vegetation cover is preserved.
- b) Maintenance easements to ensure access to all stormwater treatment practices at the site for the purpose of inspection and repair. These easements shall be recorded in the land records before the issuance of a Building Permit and will remain in effect even with transfer of title to the property.
- c) Maintenance agreements shall be required binding all subsequent owners of land served by an on-site stormwater management measure. The maintenance agreement shall be recorded in the land records before the issuance of a Building Permit and shall specify the required maintenance for all stormwater treatment practices, along with a maintenance schedule specifying when and how often maintenance is performed on the stormwater treatment practices.
- d) A statement from the applicant that maintenance records shall be maintained for a period of 3 years that verify that all required maintenance was performed in conformance to the approved stormwater management plan, and that these records will be made available to the Town upon request.

Item 7 - Inspection Requirements & Certification

The Town shall be notified prior to construction. A licensed engineer shall make regular inspections of the construction and operation of stormwater management practices. The Town shall be notified in writing of any violations found and corrective actions taken.

A written certification from a professionally licensed engineer will be required prior to completion of this project. The Certification will indicate that the site/project complied with all aspects of the approved Stormwater Management Plan.

Item 8 – Applicant Certification

I, _____, hereby certify that the application as submitted is accurate to the best of my knowledge, and that I will take all steps necessary to comply with the stormwater management plan as required as a condition of approval by the Town, including all inspection and certification requirements as outlined above.

Applicant Signature: _____ Date: _____

_____ Approved as submitted

_____ Approved with conditions as provided below or attached

Approved by: _____ Date: _____