

6500 STORMWATER MANAGEMENT

6510 PURPOSE AND INTENT

This Section of the Regulations is intended to:

- Minimize degradation of water resources within the Town of Easton from pollution from non-point source runoff,
- Mitigate impacts to the hydrologic system from development, including reduced groundwater recharge and pollutants found in stormwater runoff,
- Reduce or prevent flooding, stream channel erosion, and/or other negative impacts created by the volume of stormwater runoff resulting from development, and
- Promote the application of Low Impact Development (LID) strategies for the analysis and design of stormwater treatment systems.

6520 APPLICABILITY

The provisions of this Section shall apply to any development activity ~~required to obtain Special Permit approval.~~

6530 REQUIREMENT

1. Unless modified by the Commission by Special Permit as provided in Section 6540 below, any development within the Town of Easton shall implement the following provisions of Chapter 7 of the Connecticut Stormwater Quality Manual (CSQM), as amended:
 - a. Pollutant Reduction (CSQM Section 7.4).
 - b. Groundwater Recharge and Runoff Volume Reduction (CSQM Section 7.5).
 - c. Peak Flow Control (CSQM Section 7.6) for the 10-year, 25-year, and 100-year storm events.
2. In the design of a stormwater management system, design professionals may utilize low impact development techniques as contained in the Connecticut Stormwater Quality Manual, as amended.
3. **New Construction, and Major Reconstruction (> 30% of existing exterior walls removed) of the Principal Structure(s) on the lot shall evaluate the lot from its natural condition without credit for any existing development on the lot. Special Permit Uses shall evaluate the area of use from its natural condition without credit for any existing development within the area of special permitted use. All other types of development proposed shall assume the existing area where the proposed building or structure is to be located is in the natural condition.**
4. **There shall be no increase in flow of stormwater from the natural condition, or existing condition as appropriate. The design shall accommodate a Type III, 25-year, 24-hour rain storm event.**
5. **All detention systems shall be designed to store a minimum volume equal to 1" of runoff from all new impervious surfaces, i.e. a "first flush" of runoff. If there is an outflow discharge in the proposed system, the first flush storage volume must be accounted for below the invert of the discharge. In addition, a water quality evaluation in accordance with the 2004 Connecticut Stormwater Quality Manual shall be performed and incorporated into every storm drainage design submission.**

6540 MODIFICATIONS

Where the requirements of Section 6530 cannot be met due to physical conditions on the site, the Commission may, by Special Permit, approve an alternative stormwater management approach provided that adequate information has been submitted by the applicant to evaluate the request and:

1. The Town Engineer has provided a positive recommendation regarding the modification, or
2. The Commission has received a report from a professional engineer hired by the Commission providing a positive recommendation regarding the modification.