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DEPARTMENT OF PUBLIC WORKS

Statement of Clarification on Stormwater Management Standards – Drainage Report Exemption – Form SE-100
April 14, 2014

The Department of Public Works Engineering Division would like to remind all residents, property owners, builders, developers, engineers, architects, landscape architects, and real estate professionals that all site development in the Town of Greenwich is required to follow the Town of Greenwich Drainage Manual February 2012 amended February 2014.

In order to address some questions that have arisen regarding projects submitting a Stormwater Management Standards – Drainage Report Exemption – Form SE-100, we have created the following additional Design Guidelines.

The Stormwater Management Standards – Drainage Report Exemption – Form SE-100 has three possible Conditional Exemptions that can be taken.

1. Projects Adding Up to 500 Square Feet of Impervious Surfaces.
 - a. This exemption can only be used until the cumulative addition of impervious surfaces on a site exceeds 500 square feet, regardless of ownership changes.
2. Projects Adding Between 500 and 1,000 Square Feet of Impervious Surfaces.
 - a. This exemption can only be used until the cumulative addition of impervious surfaces on a site exceeds 1,000 square feet, regardless of ownership changes.
3. Conditional Residential Teardown Exemption Requiring Professional Engineering Certification.
 - a. The use of this exemption removes any future additional construction on the property from using the Conditional Exemption regardless of ownership changes.

Conditional Exemption 1 and 2 above have in the past used the installation of permeable pavement to decrease the total proposed impervious surfaces for a project so the project could meet the Conditional Exemption requirements instead of submitting a complete Drainage Summary Report.

Conditional Exemption 3 above has just been added to the Town of Greenwich Drainage Manual February 2012 amended February 2014 and discussions with project Engineers on the use of permeable pavement to decrease any increase in impervious surfaces to meet the Conditional Residential Teardown Exemption have been discussed.

The Engineering Division has determined that the use of permeable pavement to offset an increase in impervious surfaces to stay at or below the thresholds of the Conditional Exemptions Requiring Professional Engineering Certification is not in the spirit of the standards and can't be used to offset an increase in impervious surfaces.

The Engineering Division has determined that for all parcels that have increases in impervious surfaces that discharge directly into Long Island Sound that only the following measures for Conditional Exemptions Requiring Certification from a Professional Engineer be used.



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Projects Adding Up to 500 Square Feet of Impervious Surfaces.

- a. This exemption shall use one of the following measures to meet the requirement that at least one of the following measures be implemented on the project site to help mitigate the effects of site disturbance and new impervious surfaces within its on-site watershed and point of concern to Long Island Sound.
- Disconnection of roof down spouts that meet the Simple Disconnection standards in the Town of Greenwich Drainage Manual February 2012 as amended
 - Constructing a bioretention area for the Water Quality Volume of the contributing watershed of the project area. The design standards in the Town of Greenwich Drainage Manual February 2012 as amended must be met
 - Creating a buffer with a length greater than or equal to the length of the project area and a minimum width of 10 feet planted as a meadow
 - Restoring a riparian buffer (may require IWWA permit)

Projects Adding Between 500 and 1,000 Square Feet of Impervious Surfaces.

- a. The requirement that an additional measure for either the peak flow for the 1, 2, 5, 10, and 25-year design storm or the runoff volume for the 10-year design storm be met shall not be required and this exemption shall use one of the following measures to meet the requirement that at least one of the following measures be implemented on the project site to help mitigate the effects of site disturbance and new impervious surfaces within its on-site watershed and point of concern to Long Island Sound.
- Disconnection of roof down spouts that meet the Simple Disconnection standards in the Town of Greenwich Drainage Manual February 2012 as amended
 - Constructing a bioretention area for the Water Quality Volume of the contributing watershed of the project area. The design standards in the Town of Greenwich Drainage Manual February 2012 as amended must be met
 - Creating a buffer with a length greater than or equal to the length of the project area and a minimum width of 10 feet planted as a meadow
 - Restoring a riparian buffer (may require IWWA permit)

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