The Green Stormwater Infrastructure Toolkit was developed by Stone Environmental Inc. in consultation with VLCT’s Water Resources Program and with support from the Vermont Division of Environmental Conservation’s Clean Water Initiative Program. The fillable GSI Sizing Tool spreadsheet guides applicants in the use of ten types of stormwater management practices to treat stormwater runoff from existing and proposed impervious surfaces on small sites. The tool and associated GSI fact sheets are intended to be used in conjunction with the VLCT Low Impact Development (LID) and Green Stormwater Infrastructure (GSI) Management Bylaw Template. To better understand how the GSI Sizing Tool is to be used, Stone Environmental created a GSI instructional video for reference.

The current version of the bylaw is geared to towns that want to administer stormwater standards for development and re-development projects that fall below the permitting thresholds for State stormwater permitting. Currently, development projects that will have less than one acre of impervious surface after construction are not required to obtain a State permit. The cumulative adverse effects on water quality from the so-called “sub-jurisdictional” projects that fall below the state permitting thresholds can be quite significant. By adopting local stormwater standards such as those provided in the Model LID/GSI Stormwater Management Bylaw, municipalities can take the upper hand in protecting downstream stormwater infrastructure, local water quality, and properties adjacent to development sites.

The new GSI Toolkit – incorporating the revised VLCT Model LID/GSI Stormwater Management Bylaw, the GSI Sizing Tool, and associated fact sheets – offers municipalities a clear-cut framework that is simple to administer. The LID/GSI model language is flexible and can easily be incorporated into an existing land use regulation.

For assistance with this toolkit or for additional information please contact info@vlct.org or call 1-800-649-7015

Documents:
- GSI Simplified Sizing Tool Fact Sheets
- GSI Simplified Sizing Tool

Links:
- Low Impact Development Model Bylaw
- Water Resources Page
Publication Date:
Sunday, January 01, 2017

Resource Category:
- Guidance
- Model

Links
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