

Vermont Stormwater Management Manual Update – Meeting #2

Identifying Options and Opportunities for Improving VSMM

November 1, 2013 (9am–1pm)

Shelburne, Vermont Town Offices (5420 Shelburne Road)

AGENDA

- 9:00am Welcome/Introductions
- 9:10am Overview of why the Runoff Reduction standard from the NY manual chosen as starting point for VSMM update
- 9:20am Highlights of the NY State Stormwater Management Design Manual and standards
- 9:50am Details of the proposed (“strawman”) Runoff Reduction standard for VSMM
- 10:05am Discussion of Runoff Reduction strawman
- 10:45am Break
- 11:00am Initial decision points (*5 minute presentations, 15-20 minute discussions on each topic*)
- a. What, if any, “test” should be included in the runoff reduction standard (e.g., site limitations such as physical constraints, hydraulic conditions, soil testing, existing and proposed slopes) in order to compliance as infeasible?
 - Should there be a feasibility component? If yes, what should it be?
 - b. Is the WQv standard (e.g., 90% rule, applied uniformly state-wide) the appropriate reduction volume in terms of achieving sediment and nutrient removal, and in terms of feasibility?
 - Is the 90% / 0.9 inch standard representative of current climatic conditions?
 - Is 90% capture good enough? Do we need to modify this or do more (e.g., 95% capture)?
 - Is a uniform state-wide standard (e.g., 0.9 inches of rainfall) appropriate?
 - c. Is the existing formula for calculating WQv sufficient for addressing conversion of undeveloped land to pervious land uses (e.g. lawn)?
 - Does more attention need to be given to soil restoration?
 - Does there need to be a more of a distinction between classes of pervious surface (lawn vs. trees)?
 - Are there ways to create stronger incentives for keeping trees within the WQv calculation?
 - d. How will water quality and channel protection requirements be addressed on sites where less than 100% of the WQv and/or CPv is addressed via runoff reduction?
 - e. Continuous simulation modeling as optional approach – looking for group’s input regarding whether / how to include in VSMM.

12:45pm

Next Steps

- a. Group input on prioritizing practices to discuss at December all-day meeting
 - Practices already in VSMM
 - Structural practices from 2012 *Advanced Stormwater Standards Compilation*
 - Non-structural practices from 2012 *Advanced Stormwater Standards Compilation*

1:00pm

Adjourn

All meeting materials are available on-line at:
http://www.vtwaterquality.org/stormwater/htm/sw_manualrevision.htm