

SNOHOMISH COUNTY DRAINAGE MANUAL

ADDENDUM FACT SHEET



February 14, 2008

Snohomish County Public Works has prepared a draft Addendum to the 2005 Stormwater Management Manual for Western Washington, for use in Snohomish County, as technical guidance for stormwater facilities and stormwater pollution control. This Fact Sheet provides an introduction to the draft Addendum.

What is the Drainage Manual Addendum? What is it for?

- *Snohomish County is required under its municipal stormwater permit from the Department of Ecology, to adopt the 2005 Stormwater Management Manual for Western Washington (2005 Ecology Manual) or adopt an equivalent manual by August 16, 2008.*
- *Snohomish County will use an equivalent manual consisting of the 2005 Ecology Manual and an Addendum, which together will be adopted as the County Drainage Manual. A draft of the Addendum must be submitted for Ecology review and approval by February 16, 2008.*
- *The County's new Drainage Manual upon adoption by the Director of Public Works will replace the existing Drainage Manual, which is the 1992 version of the Ecology Manual with an Addendum.*
- *The adopted new County Drainage Manual will also contain the Water Pollution Control Guidance Manual required in SCC 7.53.050.*

What is the difference between the 2005 Ecology Manual and the current County Drainage Manual?

The existing County Drainage Manual is based on the 1992 version of the Ecology Manual. The 2005 Ecology Manual was a major revision of the 1992 version. Changes included but were not limited to the following:

- *Flow duration controls are required for development projects and land disturbing activities above certain thresholds. Continuous simulation modeling (Western Washington Hydrology Model) must be used for stormwater best management practice (BMP) design in most cases.*
- *The 2005 Ecology Manual allows for low impact development (LID) BMPs from the **Low Impact Technical Guidance Manual for Puget Sound** by the Puget Sound Partnership.*
- *Minimum Requirements of the 2005 Ecology Manual are reflected in the County's municipal stormwater permit, and will be put into code to be enforceable, as required by the municipal stormwater permit.*
- *Enhanced stormwater treatment is required for arterials and highways crossing streams of a certain Strahler order, or magnitude.*
- *A Certified Erosion and Sedimentation Control Lead (CESCL) is a required BMP for construction projects above a certain size.*
- *Biofiltration swales are not allowed as a stand-alone BMP for nutrient control.*

What is in the draft Addendum?

Three general categories of modifications are given to the 2005 Ecology Manual:

- *References to sections of the Snohomish County Code and the Engineering Design and Development Standards (EDDS) that must be followed, which may be the same as the 2005 Ecology Manual, but at times may be different.*
- *Direct modifications of the guidance provided in the 2005 Ecology Manual.*

- *Revisions to the organization and text of the 2005 Ecology Manual. This applies to Volume IV Source Control BMPs, which has been reorganized and revised to work in Snohomish County.*

What are key changes in the draft Addendum?

Substantive changes include:

- *A substantially revised Volume IV – Source Control BMPs**
- *Different stormwater flow control thresholds for development on agricultural land**
- *3-foot depth instead of 5-feet, from infiltration BMPs to bedrock, water table, or impermeable layer.**
- *Retain current single event method (SCS/SBUH) option for closed depressions.**
- *Four lakes on 303(d) list to require phosphorus control: Blackmans, Ketchum, Loma and Sunday.*
- *Maintenance checklists in Vol. III and V to include suggested inspection frequency.**

**Will be subject to Ecology review and approval.*

What is the Addendum process?

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| Jan. 16, 2008 to Feb. 6, 2008 | Pre-submittal stakeholder review of draft Addendum |
| Feb. 7, 2008 to Feb. 13, 2008 | County reviews comments and makes revisions before submittal of the draft for Ecology review |
| Feb. 14, 2008 | Preparation of submittal package |
| Feb. 15, 2008 | Submittal to Department of Ecology |
| <i>Start of 60 day review period by Ecology – the following dates are approximate- TBD=To Be Determined</i> | |
| Apr. 15, 2008 | End of 60 day review period by Ecology |
| Apr. 15, 2008 to TBD* | Revisions |
| TBD | 30-day public review period for adoption of the County Drainage Manual |
| TBD | Adoption of County Drainage Manual by Public Works Director (no later than Aug. 16, 2008) |
| Aug. 16, 2008 | Adoption deadline for County ordinances, manual, and other documents as required by the municipal stormwater permit. |

What are other ongoing efforts?

- *The Uniform Development Code and the EDDS are being updated.*
- *For more information and downloads on the stormwater related changes, including the Addendum, draft Drainage Code, and draft EDDS Chapter 5 (Drainage), go to:*
http://www1.co.snohomish.wa.us/Departments/PDS/Divisions/Code_Development/UDC/NPDES.htm