CLEARING, GRADING, AND STORMWATER MANAGEMENT TECHNICAL NOTEBOOK

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FOREWORD

This document may be referred to as the Stormwater Notebook. The Stormwater Notebook contains the goals, specifications, and standards for clearing, grading, and stormwater management authorized and required by Chapter 15.24 of the Redmond Municipal Code (RMC). Note that Chapter 15.24 of the RMC is the primary code basis for clearing, grading, and stormwater management and should, therefore, also be reviewed (www.codepublishing.com/WA/redmond.html). In the event that the code contradicts the Stormwater Notebook, RMC 15.24 takes precedence.

How to Get Printed Copies of the Stormwater Notebook

If you would like to receive a copy of the updated manual please stop by the City of Redmond Development Services Center, located on the 2nd floor of City Hall (15670 NE 85th Street). To make other arrangements to receive a copy, contact Development Services Division at 425.556.2760 or pwgen@redmond.gov.

How to Find the Stormwater Notebook Online

The Stormwater Notebook is available on the City of Redmond's website at http://www.redmond.gov/Stormwater.

How to Find Corrections, Updates, and Additional Information

With a publication of this size and complexity, and with the rapid changes in stormwater management technologies, there may be errors that must be corrected and clarifications that are needed between full document updates. The City publishes corrections, updates, and new technical information on the Stormwater Notebook web page (referenced above).

How to Use the Stormwater Notebook

The Stormwater Notebook is a blend of basic information for everyone from the small single home builder, to the large developer, to the civil engineer supporting them. You can read it from cover to cover or refer to specific sections as needed. For small projects, the Stormwater Notebook should include most of the information you need. For larger projects, or for more detailed information, the project proponent will need a copy of the 2005 Washington State Department of Ecology Stormwater Management Manual for Western Washington. This document is available to download online and through the Washington State Department of Ecology.

Chapter 1 provides some introductory material to get you started. Chapter 2 describes Redmond-specific differences from the Ecology Manual and a lot of detailed design information. Redmond specific differences are identified with bold/italics text. Chapter 3 will help you classify your project as small, medium, or large, so you can move on to the appropriate Chapter 4, 5, or 6. Chapters 7 and 8 provide some design information to help you design your project

to meet all of Redmond's requirements. Finally, Chapters 9 and 10 provide information related to erosion control during construction to help you build your project in accordance with water quality requirements.

Overview of Changes from Previous Issue

The Stormwater Notebook has been updated to be consistent with the Western Washington Phase II Municipal Stormwater Permit, issued January 17, 2007, effective February 16, 2007. The permit required cities to adopt specific requirements of development/redevelopment to reduce stormwater impacts on natural resources. This version of the Stormwater Notebook has significant changes due to the permit. In addition, the City of Redmond has made further changes with the same intent as the permit.

Major changes include:

- Clarified submittal requirements for the Site Plan, drainage report, and documentation of selection of treatment BMPs (Minimum Requirement #1, Section 2.5.1 and Appendix D – Plan Review Checklist).
- Clarified the minimum requirements for on-site stormwater management techniques that are required for all projects (Minimum Requirement #5, Section 2.5.5).
- Clarified the submittal requirements for operation and maintenance manuals (Minimum Requirement #9, Section 2.5.9).
- Regional Facilities Program is updated to reflect current Ecology and NPDES permit requirements (Section 8.8).

Minor changes include:

- Updated to reflect new Zoning Code references.
- Moved definitions into glossary (Section Glossary).
- Clarified vesting of public projects (Section 1.4).
- Clarified the definition of an underground injection control well (Section 2.9.5).
- Clarified the requirement to line non-infiltrating BMPs when located in permeable soils (Section 2.9.5.7).
- Reorganized the project type classification and project submittal requirements chapters (Chapters 3, 4, 5, 6).
- Defined an infiltration system (Section 8.3)
- Moved pipe materials to the Standard Specifications. Removed discussion of a fee for pipe inspection (Section 8.4).
- Maintenance access requirements are clarified (Section 8.6.9).

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