

# 2019 Stormwater Management Manual for Eastern Washington Update

Winter 2018/2019 Project Newsletter



Rock-lined swale managing stormwater runoff from parking lot.

## Final Manual

The 2019 manual update is complete!

The manual is now live on-line and can be accessed from Ecology's website:

<https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Stormwater-permittee-guidance-resources/Stormwater-manuals>

Enhanced features of the on-line version include:

- Internal hyperlinks for easier, faster access to relevant tables, figures, and text sections
- External hyperlinks and embedded PDF files to available reference documents
- Content summaries
- Navigable table of contents and list of equations

## Project Description

The Washington State Department of Ecology is updating the Manual to:

- Clarify redevelopment requirements;
- Add or refine Best Management Practice standards;
- Improve alignment with other State standards and guidance; and
- Enhance ease of use.

## Project Objectives

- Complete a focused update of the Manual;
- Employ an open and transparent public process;
- Work closely with the Eastern Washington Steering Committee;
- Promote public participation to solicit feedback and help improve adoption and use of the Manual; and
- Provide a user-friendly on-line version of the Manual.







# 2019 Stormwater Management Manual for Eastern Washington Update

Winter 2018/2019 Project Newsletter



Cistern used to supply non-potable water.



Bioretention swale utilizing existing mature trees.

## Major Revisions in the 2019 Manual

- New flowcharts to clarify new development and redevelopment requirements in Chapter 2
- Updated BMP template for Chapters 5 and 6
- Updated Site Suitability Criteria
- Clarified and updated the Underground Injection Control (UIC) guidance
- New flow control and runoff treatment BMPs (LID)
- New source control and construction BMPs in Chapters 7 and 8 (Statewide)
- Updated dispersion BMP design guidance (HRM)
- Updated Infiltration Rate Determination Guidelines (LID)
- New Site Planning Principles and Design Strategies appendix (LID)
- Updated planting recommendations (LID)

(Statewide)= Statewide content integrating new source control and construction BMPs

(LID) = Content integrated from the Eastern Washington Low Impact Development (LID) Guidance Manual

(HRM) = Content integrated from the WSDOT Highway Runoff Manual