

**Resources for Workshop: Stormwater Management Manual for Western Washington
Site Plan Review for Phase II Municipal Stormwater Permittees**
Department of Ecology

Primary Resources

- Stormwater Management Manual for Western Washington
<http://www.ecy.wa.gov/programs/wq/stormwater/manual.html>
- Corrections for the Stormwater Management Manual for Western Washington
<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/StrmwtrMan.html>
- Western Washington Continuous Simulation Hydrology Model (WWHM)
<http://www.ecy.wa.gov/programs/wq/stormwater/whmtraining/index.html>
- Municipal Stormwater Permits <http://www.ecy.wa.gov/programs/wq/stormwater/municipal/index.html>
- Stormwater Technical Resources <http://www.ecy.wa.gov/programs/wq/stormwater/tech.html>

Training Opportunities

- For Western Washington Continuous Simulation Hydrology Model (WWHM) training, follow the instructions on this web page to document your interest in future trainings
<http://www.ecy.wa.gov/programs/wq/stormwater/whmtraining/index.html>
- Certified Erosion and Sediment Control Lead (CESCL) training and certification programs:
<http://www.ecy.wa.gov/programs/wq/stormwater/cescl.htm>

Minimum Requirement #2 – Construction Stormwater Pollution Prevention

- Chitosan Enhanced Sand Filtration (CESF) Training Program and Trained Operator List
<http://www.ecy.wa.gov/programs/wq/stormwater/newtech/CESFtraining1.html>
- Evaluation of Emerging Stormwater Treatment Technologies includes list of technologies that have received various use level designations
<http://www.ecy.wa.gov/programs/wq/stormwater/newtech/index.html>
- Construction Stormwater General Permit <http://www.ecy.wa.gov/programs/wq/stormwater/construction/>

Minimum Requirement #5 – On-site Stormwater Management

- *Building Soil: Guidelines and Resources for Implementing Soil Quality and Depth BMP T5.13*
<http://www.soilsforsalmon.org/> refer to “Soil BMP manual updated...” in lower right corner.

Minimum Requirement #6 – Runoff Treatment

- Evaluation of Emerging Stormwater Treatment Technologies includes list of technologies that have received various use level designations
<http://www.ecy.wa.gov/programs/wq/stormwater/newtech/index.html>
- Information and regulations for Ecology’s Underground Injection Control Program:
<http://www.ecy.wa.gov/programs/wq/grndwtr/uic/index.html>

Minimum Requirement #7 – Flow Control

- Report, shape files, and data layers for western Washington land cover, 1991, 1996, 2001
<http://www.ecy.wa.gov/services/gis/data/impervious/basins.htm>

Low impact development

- Ecology’s Low Impact Development (LID) Advisory Committees
<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/LIDstandards.html>
- Puget Sound Partnership LID Program (with link to the LID Technical Guidance Manual, Puget Sound Action Team 2005) http://www.psparchives.com/our_work/stormwater/lid.htm
- Bioretention Soil Mix Review and Recommendations for Western Washington, WSU Pierce County Extension, 2009. <http://www.ecy.wa.gov/programs/wq/stormwater/BSMResultsGuidelines.pdf>

Department of Ecology Staff Contacts For Municipal Stormwater Permit Technical Assistance

Municipal Stormwater Permit Specialists (with assignment areas)

Clark, Cowlitz, Grays Harbor, Lewis, and Thurston Counties:
Greg Winters, 360-690-7120, greg.winters@ecy.wa.gov

Clallam and Pierce Counties (Phase I and Phase II) and Port of Tacoma:
Vince McGowan, 360-407-7320, vincent.mcgowan@ecy.wa.gov

Phase II Cities within King County, Kitsap County, and Phase II Cities within Kitsap County:
Anne Dettelbach, 425-649-7093, anne.dettelbach@ecy.wa.gov

Island, Skagit and Whatcom Counties:
Christina Maginnis, 360-715-5212, Christina.maginnis@ecy.wa.gov

Phase I Permittees (City of Seattle, King and Snohomish Counties) and Phase II permittees in Snohomish County:
Rachel McCrea, 425-649-7223, Rachel.mccrea@ecy.wa.gov

Port of Seattle (and engineering technical assistance for King, Snohomish and Kitsap Counties):
Ed Abbasi, 425-649-7227, eabb461@ecy.wa.gov

Benton, Chelan, Douglas, Kittitas, and Yakima Counties:
Terry Wittmeier, 509-574-3991, terry.wittmeier@ecy.wa.gov

Asotin, Franklin, Grant, Spokane, Walla Walla, and Whitman Counties:
Dave Duncan, 509-329-3554, ddun@ecy.wa.gov

WSDOT Statewide Permit:
Kathleen Emmett, 360-407-7386, Kathleen.emmett@ecy.wa.gov

Municipal Stormwater Planners/Permit Writers

Phase II Permits and LID Advisory Committee process:
Harriet Beale, 360-407-6457, harriet.beale@ecy.wa.gov

Phase I Permit and Stormwater Monitoring technical assistance:
Julie Lowe, 360-407-6470, julie.lowe@ecy.wa.gov

Stormwater Education and Outreach, Community Based Social Marketing, Program Evaluation, and Outreach resources:
Jocelyn Winz, 360-407-7529, jocelyn.winz@ecy.wa.gov