

APPENDIX 10 – Equivalent Programs for Runoff Controls for New and Redevelopment and Construction Sites

Part 1:

Ecology determined that the following enforceable documents, including codes, ordinances, director's rules, public rules and/or manuals, are functionally equivalent to Appendix I in the Phase I Municipal Stormwater Permit (effective February 16, 2007) and the required portions of Ecology's 2005 *Stormwater Management Manual for Western Washington*. If Ecology's determination of equivalency is conditioned, the conditions are listed below. Permittees must comply with listed conditions, if applicable, in order to achieve equivalency and comply with associated permit requirements. Links to the documents listed in this appendix can be found on Ecology's website.

A. King County

King County is meeting relevant permit requirements and achieves equivalency with Department of Ecology's 2005 *Stormwater Management Manual for Western Washington* by adopting and implementing the regulations and rules listed below.

1. King County Code Chapter 9.04 Surface Water Runoff Policy, as amended by Ordinance 16264 approved October 20, 2008.
2. King County Code Chapter 9.12 Water Quality, as amended by Ordinance 16264 approved October 20, 2008.
3. King County Code Chapter 16.82 Clearing and Grading.
4. 2009 King County Surface Water Design Manual (SWDM) as amended in agreement with King County Memo *Impervious Surface Percentage Exemption*, March 22, 2010.
5. 2009 King County Stormwater Pollution Prevention Manual (SPPM).
6. King County Code Chapter 21A.24.045 and 318 through 342 Critical Areas¹.

B. City of Seattle

City of Seattle is meeting relevant permit requirements and achieves equivalency with Department of Ecology's 2005 *Stormwater Management Manual for Western Washington* by adopting and implementing the regulations and rules listed below.

1. Seattle Municipal Code chapters 22.800 - 22.808 titled "Stormwater and Drainage Control Code" as adopted in 2009.
2. Seattle Municipal Code chapter 22.170 titled "Grading Code" as adopted in 2009.
3. Joint Seattle Public Utilities (SPU)/Department of Planning and Development (DPD) Directors' Rule titled "Source Control Technical Requirements Manual" as approved by the Director of SPU and the Director of the DPD in 2009.

¹ The wetlands protection requirement (Minimum Requirement #8) is not contained in the SWDM, but rather is satisfied by the wetland protection requirements contained in King County's Critical Areas Code.

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4. Joint SPU/DPD Directors' Rule titled "Construction Stormwater Control Technical Requirements Manual" as approved by the Director of SPU and the Director of DPD in 2009.
5. Joint SPU/DPD Directors' Rule titled "Stormwater Flow Control and Water Quality Treatment Technical Requirements Manual" as approved by the Director of SPU and the Director of DPD in 2009.
6. Joint SPU/DPD Directors' Rule titled "Stormwater Code Enforcement Manual" as approved by the Director of SPU and the Director of DPD in 2009.

C. City of Tacoma

City of Tacoma is meeting relevant permit requirements and achieves equivalency with Department of Ecology's *2005 Stormwater Management Manual for Western Washington* by adopting and implementing the regulations and rules listed below.

1. City of Tacoma Surface Water Management Manual (2008) as amended in agreement with "March 16, 2009 Tacoma Letter to Department of Ecology" concluding the Department of Ecology review process.
2. Tacoma Municipal Code Chapter 12.08 Wastewater and Surface Water Management.

D. Pierce County

Pierce County is meeting relevant permit requirements and achieves equivalency with Department of Ecology's *2005 Stormwater Management Manual for Western Washington* by adopting and implementing the regulations and rules listed below.

1. Pierce County Stormwater Management and Site Development Manual (2008), as amended in agreement with "Pierce County's letter to Department of Ecology dated March 6, 2009" concluding the Department of Ecology review process.
2. Pierce County Code Title 11 "Storm Drainage and Surface Water Management" and Title 17A "Construction and Infrastructure Regulations – Site Development and Stormwater Drainage," as amended by Ordinance No. 2008-59s.
3. Pierce County Code Title 18E "Development Regulations-Critical Areas".

E. Clark County

Clark County is meeting relevant permit requirements and achieves equivalency with Department of Ecology's *2005 Stormwater Management Manual for Western Washington* by adopting and implementing the regulations and rules listed below.

1. Clark County Stormwater Manual (2009).²
2. Clark County Stormwater Pollution Control Manual – Best Management Practices for Businesses and Government Agencies (2009).
3. Clark County Stormwater Facility Maintenance Manual (2009).
4. Clark County Code Chapter 40.385 Stormwater and Erosion Control.²

² Clark County's Flow Control Mitigation Program is in the appeals process in the Washington State Court of Appeals. Until that court rules on the appeal, a federal district court has ruled that the county must require use of the historic land cover as the pre-developed condition when determining compliance with Minimum Requirement 7, flow control. This supersedes directions in Section 5.2 of the Clark County Stormwater Manual and in Clark County Code 40.385.C.2.a.

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5. Clark County Code Chapter 13.26A Water Quality.
6. Clark County Code Chapter 40.450 Wetland Permits.
7. Clark County version of the Western Washington Hydrologic Model, dated January 20, 2010 with Conditions:
 - a. Conditions: Validation and calibration of the Clark County hydrology model.
 - i. For validation and possibly recalibration purposes, the County shall collect at least three years of continuous flow records for Mill Creek and Gee Creek in addition to the records used for the initial calibration in a final report submitted to Ecology entitled “Development of Clark County Version of the Western Washington Hydrology Model, January 20, 2010.
 - ii. By October 1, 2010, the County shall contract with an engineering firm of sufficient expertise in HSPF model calibration to develop procedures for collecting the data necessary for model validation. By February 1, 2014, the County shall perform the model validation analysis, and make recommendations for any adjustments to the model parameters.
 - iii. By July 1, 2014, the County shall submit a final report to Ecology including recommendations for any adjustments to the model parameters.

F. WSDOT Highway Runoff Manual

The Department of Ecology completed its review of the November 2011 Highway Runoff Manual and found that it meets minimum design requirements and best management practices for public road projects equivalent to Ecology’s *2005 Stormwater Management Manuals for Western Washington and Eastern Washington*.

G. Snohomish County

Snohomish County is meeting relevant permit requirements and achieves equivalency with Department of Ecology’s *2005 Stormwater Management Manual for Western Washington* by adopting and implementing the regulations and rules listed below.

1. Snohomish County Code Chapter 30.63A Drainage, effective September 30, 2010
2. Snohomish County Code Chapter 30.63B Land Disturbing Activities, effective September 30, 2010
3. Snohomish County Code Chapter 30.63C Low Impact Development, effective September 30, 2010
4. Snohomish County Drainage Manual, Volumes I through V, September 2010
5. Snohomish County Engineering Design and Development Standards, Chapters 1 and 5, 2010

Part 2:

Ecology determined that the following enforceable documents, including codes, ordinances, director's rules, public rules and/or manuals, are functionally equivalent to Appendix I in the Phase I Municipal Stormwater Permit (effective August 1, 2013) and the required portions of Ecology's 2012 *Stormwater Management Manual for Western Washington*. If Ecology's determination of equivalency is conditioned, the conditions are listed below. Permittees must comply with listed conditions, if applicable, in order to achieve equivalency and comply with associated permit requirements. Links to the documents listed in this appendix can be found on Ecology's website.

[This section intentionally left blank. There are no equivalency determinations under Part 2 at this time.]