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 Areas.

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.


Notes:
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.

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.

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.

6. Clark County Code Chapter 40.450 Wetland Permits.

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2 The Washington State Court of Appeals and a federal district court have ruled that Clark County must require use of the historic land cover as the pre-developed condition when determining compliance with Minimum Requirement 7, flow control.
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.
   b. If the conditions listed in E.7.a are not met, Clark County will use the Western Washington Hydrology Model (2012) (WWHM).
      i. The conditionally approved model in E.7.a above is approved for use on project applications submitted up to June 30, 2014; beginning July 1, 2014, project applications must use the WWHM.

F. WSDOT Highway Runoff Manual

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 as Amended in December 2014. 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 permit requirements S5.C.5.a.i. and S5.C.5.a.ii, and achieves equivalency with Ecology’s 2012 Stormwater Management Manual for Western Washington as Amended in December 2014 by adopting and implementing the regulations and rules listed below.

2. King County Code Chapter 16.82

B. City of Seattle
City of Seattle is meeting permit requirements S5.C.5.a.i. and S5.C.5.a.ii, and achieves equivalency with Ecology’s 2012 Stormwater Management Manual for Western Washington as Amended in December 2014 by adopting and implementing the regulations and rules listed below.

2. Joint Seattle Public Utilities (SPU)/Department of Planning and Development (DPD) Directors’ Rule titled “Stormwater Manual” (Directors Rule SPU DWW-200/DPD 21-2015) effective January 1, 2016. (Note that Seattle Department of Construction and Inspections (SDCI), a successor department to DPD, has assumed DPD’s role with respect to Seattle’s Stormwater Code and Stormwater Manual, effective January 1, 2016.)

C. City of Tacoma
City of Tacoma is meeting permit requirements S5.C.5.a.i. and S5.C.5.a.ii, and achieves equivalency with Ecology’s 2012 Stormwater Management Manual for Western Washington as Amended in December 2014 by adopting and implementing the regulations and rules listed below.

1. Tacoma Municipal Code Chapter 12.08 Wastewater and Surface Water Management as effective on November 24, 2015.
2. The “City of Tacoma Stormwater Management Manual 2016 Edition,” as submitted to Ecology on December 7, 2015 in accordance with Tacoma’s communication “City of Tacoma SWMM and Ordinance.”

D. Pierce County
Pierce County is meeting permit requirements S5.C.5.a.i. and S5.C.5.a.ii. and achieves equivalency with Ecology’s 2012 Stormwater Management Manual for Western Washington as Amended in December 2014 by adopting and implementing the regulations and rules listed below.

1. Pierce County Code Title 17A, as effective on December 5, 2015.
2. Pierce County Code Title 17B as effective on December 5, 2015.
4. Pierce County Memorandum “Policy to buy into regional stormwater ponds” as effective October 27, 2015.

E. Clark County
Clark County is meeting permit requirements S5.C.5.a.i. and S5.C.5.a.ii, and achieves equivalency with Ecology’s 2012 Stormwater Management Manual for Western Washington as Amended in December 2014 by adopting and implementing the regulations and rules listed below.

   a. This manual references a Clark County-specific calibration of an HSPF-based continuous runoff model. That calibration was verbally approved by Ecology on November 2, 2015 and accepted by Clark County in a December 29, 2015 letter. The approved calibration was incorporated as part of WWHM2012 version 4.2.12, released February 25, 2016.

F. WSDOT Highway Runoff Manual

G. Snohomish County
Snohomish County is meeting permit requirements S5.C.5.a.i. and S5.C.5.a.ii, and achieves equivalency with Ecology’s 2012 Stormwater Management Manual for Western Washington as Amended in December 2014 by adopting and implementing the regulations and rules listed below.

2. Snohomish County Code Chapter 30.63B as amended by Ordinance No. 15-103 adopted on January 11, 2016
4. Snohomish County Engineering Design and Development Standards, as adopted January 22, 2016, Chapters 1, 5, and 11.