

## 22.805.070 Minimum Requirements for On-Site Stormwater Management.

### D. On-site Lists:

1. For each project surface, follow the appropriate project table in subsection 22.805.070.D.2 to subsection 22.805.070.D.5 to evaluate GSI BMPs in the order shown for that type of surface, by category. Consider any of the GSI BMPs in the first category. Use the first GSI BMP that is considered feasible. Consider all GSI BMPs in a category for feasibility before moving on to each successive category as necessary. Once a GSI BMP is used for a surface no other GSI BMP is necessary for that surface. Feasibility shall be determined by evaluation against:

a. Design criteria, limitations, and infeasibility criteria identified for each BMP in this subsection and the rules promulgated by the Director. A BMP is considered infeasible for this purpose if the minimum design criteria for the BMP cannot be met for the project in the space remaining on the project site; and

b. Competing Needs: Subsection 22.805.070.D (On-site List) can be superseded or reduced by the Director if the installation of the BMPs is in conflict with:

1) The following federal or state laws, rules, and standards: Historic Preservation and Archaeology Laws identified in SMC 22.805.070.E (Historic Preservation and Archaeology Laws), Federal Superfund or Washington State Model Toxics Control Act, Federal Aviation Administration requirements for airports, Americans with Disabilities Act; or

2) Special zoning district design criteria adopted and being implemented pursuant to a community planning process. Special zoning district criteria include, for example, pedestrian zone overlays and minimum floor area ratio requirements. See also Municipal Stormwater Response to Comments, Part V: Response to Comments on Appendix 1 & Low Impact Development for Phase I and Western Washington Phase II Permits, Response "V-27 Competing Needs Feasibility Criteria" (Washington State Department of Ecology, August 1, 2012); or

3) Public health and safety standards; or

4) Transportation regulations to maintain the option for future expansion or multi-modal use of public rights-of-way; or

5) Chapter 15.43 Tree and Vegetation Management in Public Places; Chapter 25.09 Regulations for Environmentally Critical Areas; Chapter 25.11 Tree Protection and *Chapter XXX Standards for Vegetation in the Shoreline Master Plan*.

## **DRAFT - On-site List for Single-family Residential Projects**

<b>Category</b>	<b>GSI BMPs</b>	<b>All Basins</b>
1	Full Dispersion	R, S
	Infiltration trenches	R, S
	Dry wells	R, S
2	Rain Gardens <sup>a</sup>	R, S <sup>a</sup>
	Infiltrating Bioretention	R, S
	Rainwater Harvesting	X
	Permeable Pavement Facilities	R, S
	Permeable Pavement Surfaces	S
3	Sheet flow Dispersion	S
	Concentrated Dispersion	S
	Splashblock Downspout Dispersion	R
	Trench Downspout Dispersion	R
	Non-infiltrating Bioretention	R, S
	Vegetated Roofs	X
	Single-Family Residential Cisterns	R
4	Perforated Stub-out Connections	R
	Newly Planted Trees	S

R Evaluation required for all roof runoff from Single-family residential projects.

S Evaluation required for all surfaces of Single-family residential projects.

X Evaluation not required.

<sup>a</sup> Installation only allowed for projects with less than 5,000 sf of impervious surface infiltrating on site.