

11.0 Post Construction BMPs Standards and Specifications

11.15 Proprietary Practices

11.15.1 Proprietary Practices are manufactured stormwater treatment practices that utilize settling, filtration, absorptive/adsorptive materials, vortex separation, vegetative components, and/or other appropriate technology to manage the impacts caused by stormwater runoff.

11.15.2 Proprietary Practices Stormwater Credit Calculations

11.15.2.1 Proprietary Practices receive no runoff reduction credits unless approved by the Department.

11.15.2.2 Practices may receive pollutant reduction credits as determined by the Department on a case-by-case basis.

11.15.3 All proprietary practices shall be designed to safely overflow or bypass flows from larger storm events to downstream drainage systems.

11.15.4 Pretreatment shall be provided in accordance with manufacturer's recommendations for individual Proprietary Practices.

11.15.5 Proprietary Practice Design Criteria

11.15.5.1 Design criteria for Proprietary Practices shall be proposed by the manufacturer and approved by the Department

11.15.5.2 All Proprietary Practices must be designed so as to be accessible for maintenance.

11.15.5.2.1 A maintenance right-of-way or easement must extend to the Proprietary Practice from a public or private road.

11.15.5.2.2 Adequate maintenance access must extend to the all components of the Proprietary Practice.

11.15.5.2.3 Maintenance access must meet the following criteria:

11.15.5.2.3.1 Minimum width of fifteen feet.

11.15.5.2.3.2 Profile grade that does not exceed 10H:1V.

11.15.5.2.3.3 Minimum 10H:1V cross slope.

11.15.6 Landscaping shall be provided in accordance with manufacturer's recommendations for individual Proprietary Practices.

11.15.7 Proprietary Practice Construction Sequence

11.15.7.1 Construction and installation of Proprietary Practices shall be conducted in accordance with manufacturer's recommendations for individual Proprietary Practices.

11.15.7.2 Construction reviews are required during the following stages of construction, and shall be noted on the plan in the sequence of construction:

11.15.7.2.1 Pre-construction meeting

11.15.7.2.2 Initial site preparation including installation of erosion and sediment controls

11.15.7.2.3 Construction of the Proprietary Practice in accordance with manufacturer's recommendations

11.15.7.2.4 Implementation of required stabilization and planting plan as applicable

11.15.7.2.5 Final construction review including development of a punch list for facility acceptance

11.15.7.3 Upon project completion, the owner shall submit Post Construction verification documents to demonstrate that the Proprietary Device has been installed in accordance with manufacturer's recommendations.

11.15.7.4 All Proprietary Practices shall be inspected and maintained in accordance with the manufacturer's instructions and recommendations.