

Section 5.3.2 RISDISM Guidance -- Flow Splitting for Infiltration Systems

Guidance regarding RI Stormwater Design and Installation Standards Manual page 5-26:

5.3 Stormwater Infiltration Practices

5.3.2 Conveyance

Required Elements (bullet 4):

- **If runoff is delivered by a storm drain pipe or along the main conveyance system, the infiltration practice must be designed as an off-line practice, except when used exclusively to manage CPv and Qp (see Chapter Seven).**

The requirement for flow-splitting of the water quality volume (WQv) for infiltration systems in Section 5.3.2 has been re-evaluated by DEM and CRMC. Applicants may still choose to infiltrate the WQv off-line, but it is no longer required.

Flow splitting of the WQv is not required for infiltration systems specified in Section 5.3 of the Manual, provided that the in-line system is designed in accordance with the following:

- Pretreatment requirements remain the same as specified in the Manual;
- Designed for a minimum of the one-year storm event (CPv); and
- The hydraulic grade line within the infiltration practice shall not exceed the interior roof or top of stone of the infiltration practice for the practice's maximum design storm.

This clarification applies only to Stormwater Infiltration Practices in Section 5.3 of the 2010 Stormwater Manual, and does not affect other requirements for flow-splitting with the use of other stormwater BMPs.