

**V**EGETATED FILTER STRIPS provide biofiltration of runoff as the water flows across a surface. A filter strip alone generally cannot meet the total solid suspended removal performance goal, so it should be used as either a pretreatment measure or as part of a treatment plan. It may also help recharge groundwater.



### Application

A filter strip can be used as part of the runoff conveyance system to provide pretreatment. It should be designed so runoff from the adjacent impervious area is evenly distributed as sheet flows across the strip. Filter strips are well suited for treating runoff from roads, parking lots, and roof downspouts.

### Additional Resources

Please see the links below for more information regarding the following:

[Filter Strips Minimum Construction Standards](#)

#### Fact Sheet:

[A&M AgriLife Extension: Vegetated Filter Strips](#)

#### Maintenance:

[iSWM Technical Manual Filter Strips 14.4 Inspection and Maintenance Requirements](#)

The designer shall include information on long-term maintenance activities, and in some cases the owner of the device shall enter into a maintenance agreement with the City.

