

Soil Restoration Feasibility Checklist

Stormwater BMP Category

- Low Impact Development Practice
- Alternative to Disturbed Pervious Surfaces

SWM Credits

- SWM Criteria #1:** Runoff Reduction
 - subtract 50% of *restored pervious areas* from site area to calculate RR_v
- SWM Criteria #2:** Water Quality Protection
 - subtract 50% of *restored pervious areas* from site area to calculate RR_v
- SWM Criteria #3:** Aquatic Resource Protection:
 - Assume *restored pervious areas* to be 'Open Space in Good Condition'
- SWM Criteria #4:** Overbank Flood Protection:
 - Assume *restored pervious areas* to be 'Open Space in Good Condition'
- SWM Criteria #5:** Extreme Flood Protection:
 - Assume *restored pervious areas* to be 'Open Space in Good Condition'

Site Feasibility

Drainage Area

- Area of restoration equals disturbed area designated on ESC and SWM Plan to be restored
- Area of restoration consists of soils with low permeability (e.g., HSG C & D)

Site Topography

- $\leq 10\%$ slopes in the area to be restored

Water Table

- ≥ 18 inches between the surface of a restored pervious area and the top of the SHWT.

Site Applicability

- Rural Use: Suitable for use on rural (large lot) subdivisions
- Suburban Use: Suitable for use on most subdivisions, or designated open space areas
- Urban Use: Suitable for use on most commercial/business developments in turf and/or buffer areas
- Construction Costs: Low Medium High
- Maintenance: Low Medium High