Permeable Pavement for Storm Water Management

Regulatory Overview
Permeable Pavement Technical Standard (1008)
Construction Site Storm Water

- New Development
  - 80% TSS
  - Peak Discharge
  - Infiltration
- Redevelopment
  - 40% TSS
- Transportation

Municipal Storm Water (MS4)

- Existing Urban Area
  - 20% TSS
- TMDLs
  - TSS
  - TP
Underdrain Only Infiltration Only
Removal/Control Efficiency

Discharge Pathways

100%
50%
0%

TSS
TP
Infiltration

Underdrain Only Infiltration Only
• Use WinSLAMM v10.1 for anticipated pavement life to check minimum surface infiltration rate (see tech note)

• Establish subsoil infiltration rates per Tech Standard 1002

• Check effective infiltration area criteria for run-on ratio > 3:1

• Check drain down time for aggregate storage reservoir (72-hr maximum)