Master Water Stewards

MIDS (Minimal Impact Design Standards) Calculator Data

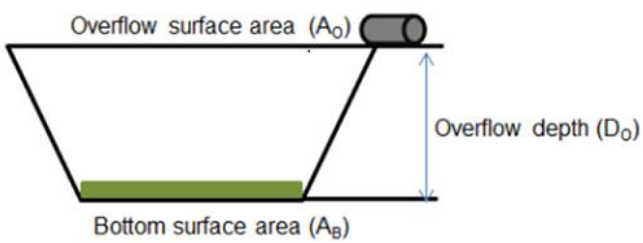
http://stormwater.pca.state.mn.us/index.php/MIDS_calculator

Raingarden	
Date of Project	
Zipcode of site	
Total area of site (sq ft/acres)	
Total impervious area on site (sq ft/acres)	
Area routed to project (pervious & impervious; sq ft/acres)	
Impervious area captured by project (sq ft/acres)	
Total raingarden area (sq ft)	
Raingarden area at bottom (deepest area; sq ft)	
Depth of raingarden (overflow depth; in/ft)	
Soil Type in Project area (estimated)	
Rain Barrel/ Cistern	
Date of Project	
Zipcode of site	
Total area of site (sq ft/acres)	
Total impervious area on site (sq ft/acres)	
Area routed to project (pervious & impervious; sq ft/acres)	
Impervious area captured by project (sq ft/acres)	
Volume Capacity (gallons)	
Irrigation Application Area (sq ft/acres)	
Irrigation Application Rate (times per week)	
Irrigation Season Start Month	
Irrigation Season End Month	
Does the System Go Offline During Off Season?	

Permeable Pavement	
Date of Project	
Zipcode of site	
Total area of site (sq ft/acres)	
Total impervious area on site (sq ft/acres)	
Area routed to project (pervious & impervious; sq ft/acres)	
Impervious area captured by project (sq ft/acres)	
Total pavement area (sq ft/acres)	
Project area at level of underdrain (sq ft)	
Project depth below underdrain (in/ft)	
Bottom surface area (sq ft)	
Media porosity	
Soil Type in Project area	

Raingarden

$$V = \left[\frac{A_O + A_B}{2} * (D_O)\right]$$



Permeable pavement

$$V = \left[\frac{A_U + A_B}{2} * D_U * n\right]$$