DPS | Montgomery County
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Well and Septic Minimum Setbacks for ESD (Environmental Site Design) Practices

A = Alternative surfaces, M= Micro-scale practices, and *N= Nonstructural practices*

Limited infiltrative ESD practices	MDE #	Setback to Primary Potable Well Sites and Open Loop Geothermal Wells		Setback to Alternate Potable Well Sites and Closed Loop Geothermal Wells		Setback to Septic Systems
		Commercial/Industrial Application	Residential application	Commercial/Industrial application	Residential application	All applications
Permeable pavement	A-2	**100 feet**	**10 feet**	**50 feet**	**0 feet**	**25 feet**
Swales (bio swales and grassed swales)	M-8					
Rooftop disconnection	N-1					
Note: The overdrain/overflow discharge of all the above practices must be directed away from septic areas and wells						

Infiltrative ESD practices	MDE #	Setback to Primary Potable Well Sites and Open Loop Geothermal Wells	Setback to Alternate Potable Well Sites and Closed Loop Geothermal Wells	Setback to Septic Systems
		Commercial/Industrial & Residential application	Commercial/Industrial & Residential application	All applications
Submerged gravel wetlands	M-2	**100 feet**	**50 feet**	**25 feet**
Landscape infiltration	M-3			
Infiltration berms	M-4			
Drywells*	M-5			
Micro-bioretention	M-6			
Rain gardens	M-7			
Enhanced filters	M-9			
Micro-infiltration trench**	n/a			

*Pipes to drywells must be 10' from septic systems.
*If soil testing is performed to a depth of 4' below the bottom of the MIT and no groundwater is found, then the following setbacks may be applied for residential applications:
-10' to a primary potable well site or open loop geothermal well
-0' to an alternate potable well site or closed loop geothermal well

The following ESD Practices have the same infiltration as natural cover and have NO minimum well and septic setback requirements: *green roof, reinforced turf, non-rooftop disconnect, sheetflow to conservation areas, and planter boxes.*
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