

4.2.5 Grassy ditches and slopes:

Retention type: Grassy ditches and swales



Figure 29. Grassy ditches and swales (source: RBMP, Urban rainwater management guide, 2015)

R/01 – MULDA CHŁONNA

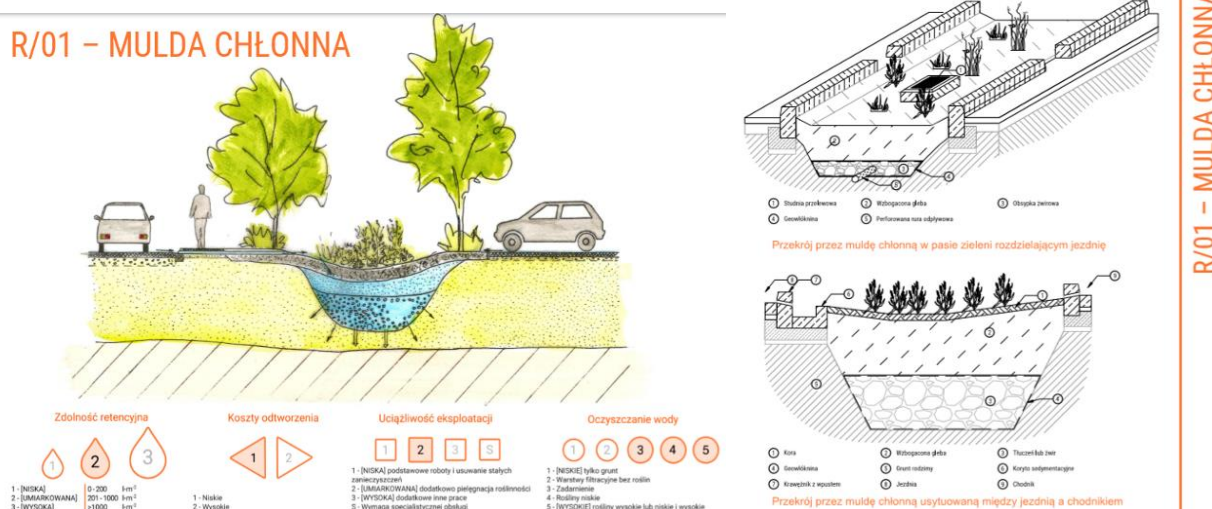


Figure: 30. Grassy ditches and swales (source: Lejcuś K. at all "Katalog dobrych praktyk zasady zrównoważonego gospodarowania wodami opadowymi pochodzącymi z nawierzchni pasów drogowych. Wrocław 2017")

Land use	Urban/Semi urban/Semi-rural		
Catchment area	0-1,0 km ²		
Dimensions	Along paved areas, or in green areas		
Location	Anywhere at urban/rural catchments, where the terrain is suitable		
Target group	Municipalities, Private property owners		
Effects of measure		Size of effect	Description
	Slow/Store runoff	MEDIUM	Grassy ditches slows the runoff, and stores rainwater.

	Increase Evapotranspiration	LOW/ MEDIUM	
	Increase Infiltration	LOW	Facilitates infiltration.
	Increase soil water retention	LOW / MEDIUM	
	Reduce pollutant sources	MEDIUM	
	Reduce erosion	LOW	
	Achieve Good Surface Water Status	YES	
Maintenance requirements	Cutting the grass in the designing area.		