

# Stormwater Sudoku

**Directions:** Each of the nine boxes contain all nine words. Each word can only appear once in a row, column, or box. Complete the grid with the words that represent green infrastructure!

	Green Roof		Catch Basin	Infiltration	Rain Barrel	Impervious Surface	Sewer	
	Infiltration	Sewer	Impervious Surface		Green Roof	Rain Barrel	Stormwater	
Rain Barrel		Impervious Surface						Bioswale
Sewer		Catch Basin	Infiltration		Impervious Surface	Stormwater		
Impervious Surface				Green Roof			Catch Basin	Rain Barrel
	Stormwater	Green Roof	Sewer	Rain Barrel	Catch Basin	Infiltration	Runoff	
Catch Basin						Runoff		Sewer
	Sewer	Rain Barrel	Green Roof		Runoff		Impervious Surface	Stormwater
	Impervious Surface	Runoff	Bioswale	Sewer	Stormwater		Rain Barrel	

<b>Stormwater</b>	Any water that originates from a precipitation event.
<b>Sewer</b>	A channel or conduit that carries wastewater and stormwater from the source to a treatment plant or receiving stream.
<b>Rain Barrel</b>	A rainwater harvesting tool that catches stormwater and connects to the existing downspout of a roof.
<b>Bioswale</b>	A planted area in the sidewalk designed to collect and manage stormwater that runs off streets and sidewalks when it rains.
<b>Runoff</b>	Water from precipitation that lands on rooftops, parking lots, streets, sidewalks, and other impervious surfaces, and runs into sewer systems or local water bodies.

<b>Infiltration</b>	The process by which stormwater gradually passes into soil or other porous media.
<b>Impervious Surface</b>	A surface covered by impenetrable material, such as asphalt, concrete, or cement, through which stormwater cannot pass.
<b>Green Roof</b>	A vegetative layer on a roof that grows in specifically designed soil to capture stormwater that falls on the roof.
<b>Catch Basin</b>	A type of drain structure located next to the curb that collects stormwater runoff; designed to efficiently capture stormwater on the street and discharge it into the sewer system.

## Answer Key:

Stormwater	Green Roof	Bioswale	Catch Basin	Infiltration	Rain Barrel	Impervious Surface	Sewer	Runoff
Runoff	Infiltration	Sewer	Impervious Surface	Bioswale	Green Roof	Rain Barrel	Stormwater	Catch Basin
Rain Barrel	Catch Basin	Impervious Surface	Runoff	Stormwater	Sewer	Green Roof	Infiltration	Bioswale
Sewer	Rain Barrel	Catch Basin	Infiltration	Runoff	Impervious Surface	Stormwater	Bioswale	Green Roof
Impervious Surface	Runoff	Infiltration	Stormwater	Green Roof	Bioswale	Sewer	Catch Basin	Rain Barrel
Bioswale	Stormwater	Green Roof	Sewer	Rain Barrel	Catch Basin	Infiltration	Runoff	Impervious Surface
Catch Basin	Bioswale	Stormwater	Rain Barrel	Impervious Surface	Infiltration	Runoff	Green Roof	Sewer
Infiltration	Sewer	Rain Barrel	Green Roof	Catch Basin	Runoff	Bioswale	Impervious Surface	Stormwater
Green Roof	Impervious Surface	Runoff	Bioswale	Sewer	Stormwater	Catch Basin	Rain Barrel	Infiltration