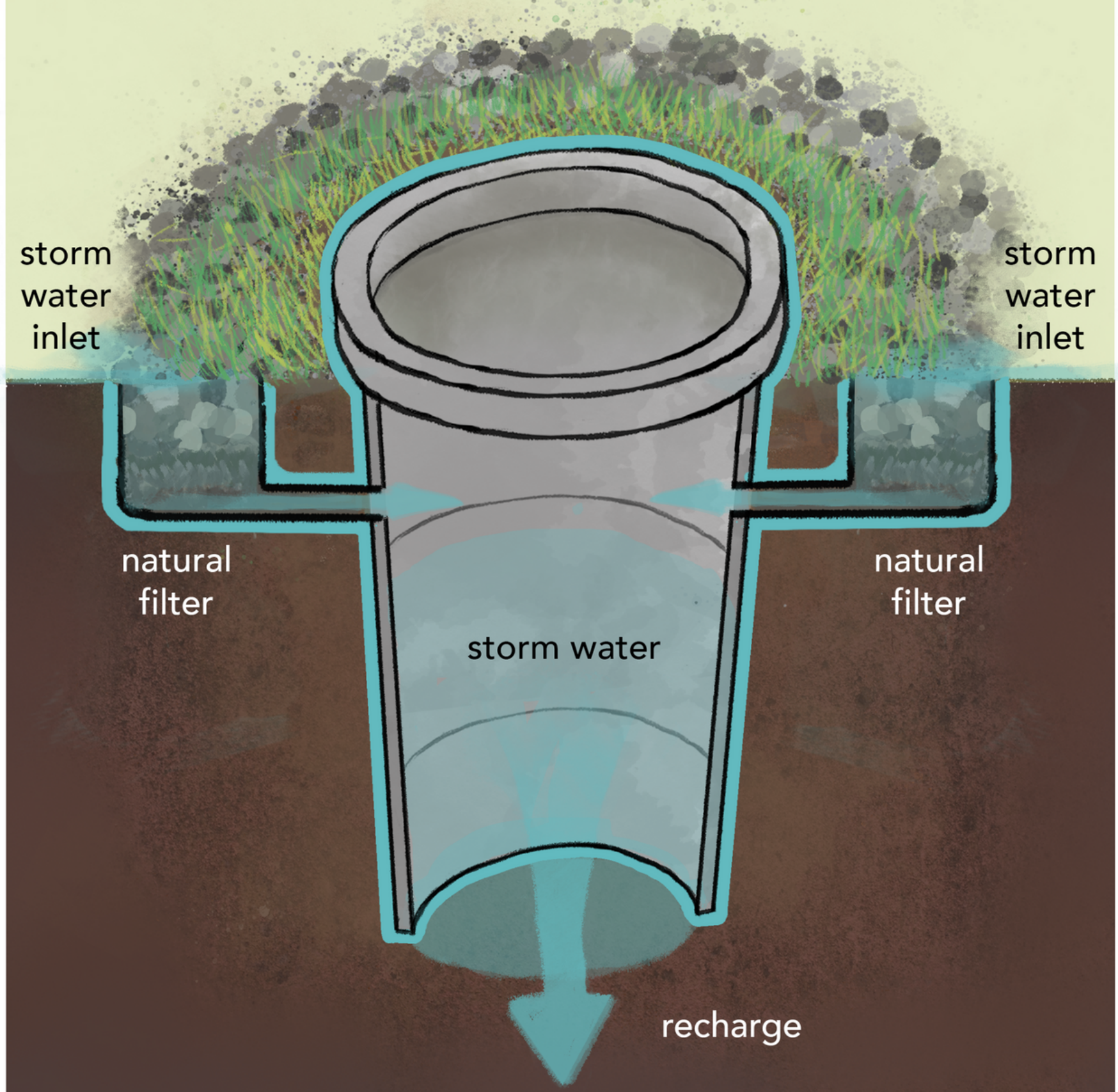




MANTRA

Ways to Recharge Groundwater





Recharge Wells

Recharge wells help effectively capture storm flow and allow the water to infiltrate into the subsurface. They are also a great technique for aquifer recharge. However, stormwater entering the well should ideally be analyzed for hazardous chemicals and other urban contaminants.



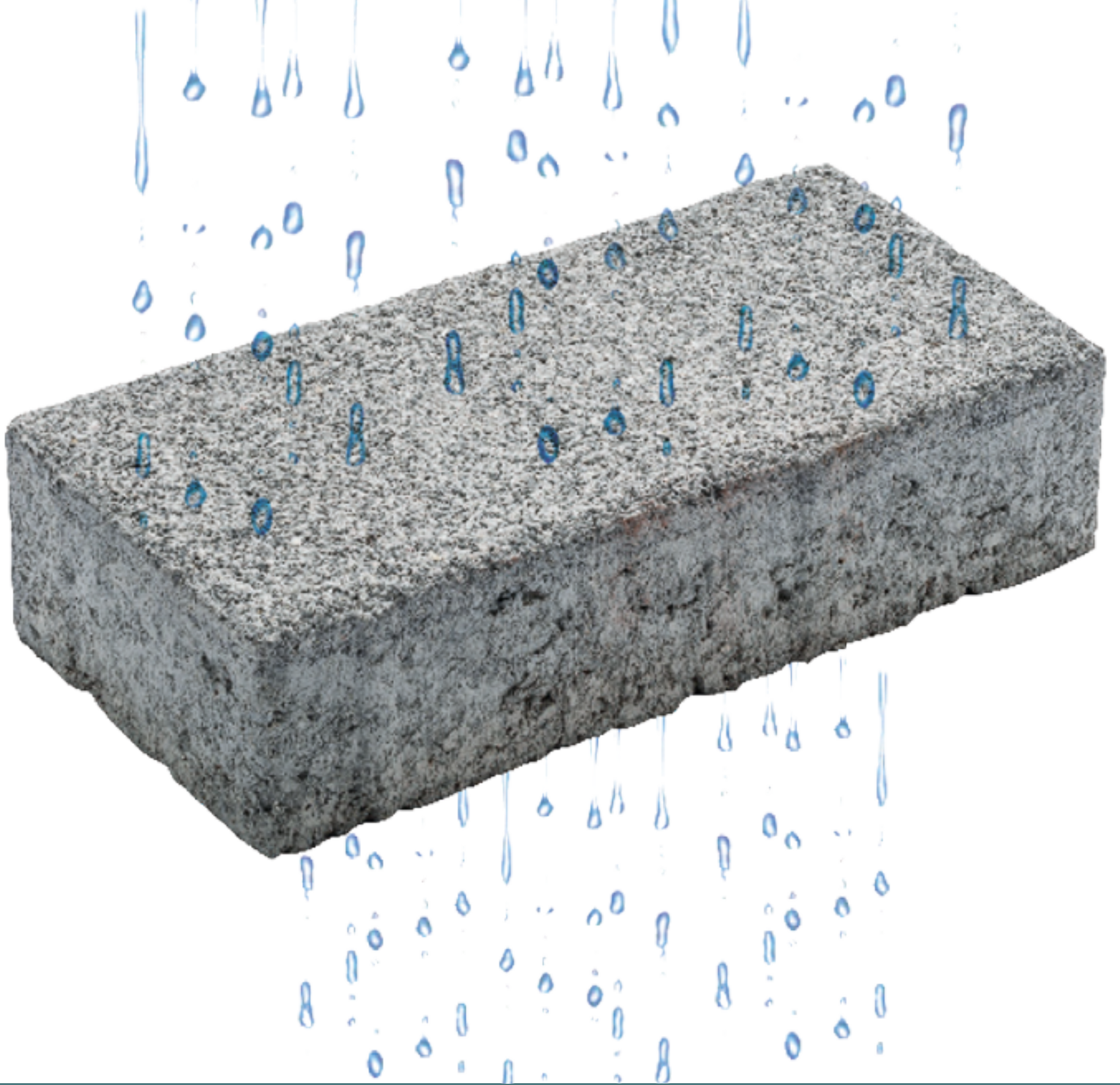
Sedimentation Basin

Another method to capture and manage stormwater are sedimentation basins. They are temporary ponds with appropriate control structures, used to capture eroded or disturbed soil that are washed off during or after rainstorms or other runoff events, helping you conserve water and the soil.



Swales

Similar to a trench, swales are dug into the ground in order to retain run-off water. The water spreads and slows down, allowing it to infiltrate into the subsurface. This process slowly replenishes aquifers; supporting vegetation, and conveying overflow to downstream waterways.



Porous Bricks

Using porous paving blocks allows natural drainage and migration of water into the earth rather than flooding the surface. They help prevent erosion while also recharging groundwater levels.



Constructed Wetland

Constructed wetlands are designed to retain & detain stormwater while removing suspended particles and dissolved contaminants through the vegetation area.



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