Naturalized Detention Basin

Natural Detention Basin (n): A dry pond constructed to collect storm water runoff that uses native plant species to filter pollution

Benefits of Detention Basins

Filter pollutants in water:

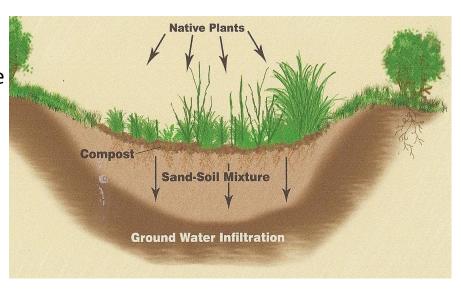
Detention basins filter runoff water polluted by trash, pesticides, oils, fertilizers, and pet wastes.

Prevent Flooding and Recharges Ground Water:

The root systems of the native plants absorb runoff water and excess is drained to nearby stream.

Easy Maintenance:

The native plants need less maintenance. Once the plants are growing, mowing of the basin is not required.



Reduced Cost of Water Treatment:

Reduced pollutants in runoff water results in cleaner streams. This reduces the water treatment cost for drinking water.

Funded through a Watershed Education grant by the League of Women Voters of Pennsylvania Citizen Education Fund through a Growing Greener grant from the Pennsylvania Department of Environmental Protection Source: http://njaes.rutgers.edu/pubs/fs1195/green-infrastructure.asp

QR Code