

NAME: Infiltration Trench and Dry Well

DEFINITION: Infiltration trenches are excavated stone-filled trenches in which stormwater runoff is collected and percolated to the surrounding soil. Dry wells are below-grade stormwater retention structures that are open at the base, allowing water to percolate to the underlying soil. Unlike infiltration trenches, dry wells frequently are not filled with stone.

PURPOSE: Infiltration trenches and dry wells reduce runoff volume and recharge groundwater. In addition, dry wells that are constructed with peak attenuation storage can also be effective in reducing runoff peak discharge rates.

PERMANENT

COMPANION BMPs:

PERMEABLE PAVING SYSTEM

FILTER STRIP

ROOFTOP RUNOFF MANAGEMENT

ALTERNATIVE BMPs:

PERMEABLE PAVING SYSTEM

BIORETENTION

