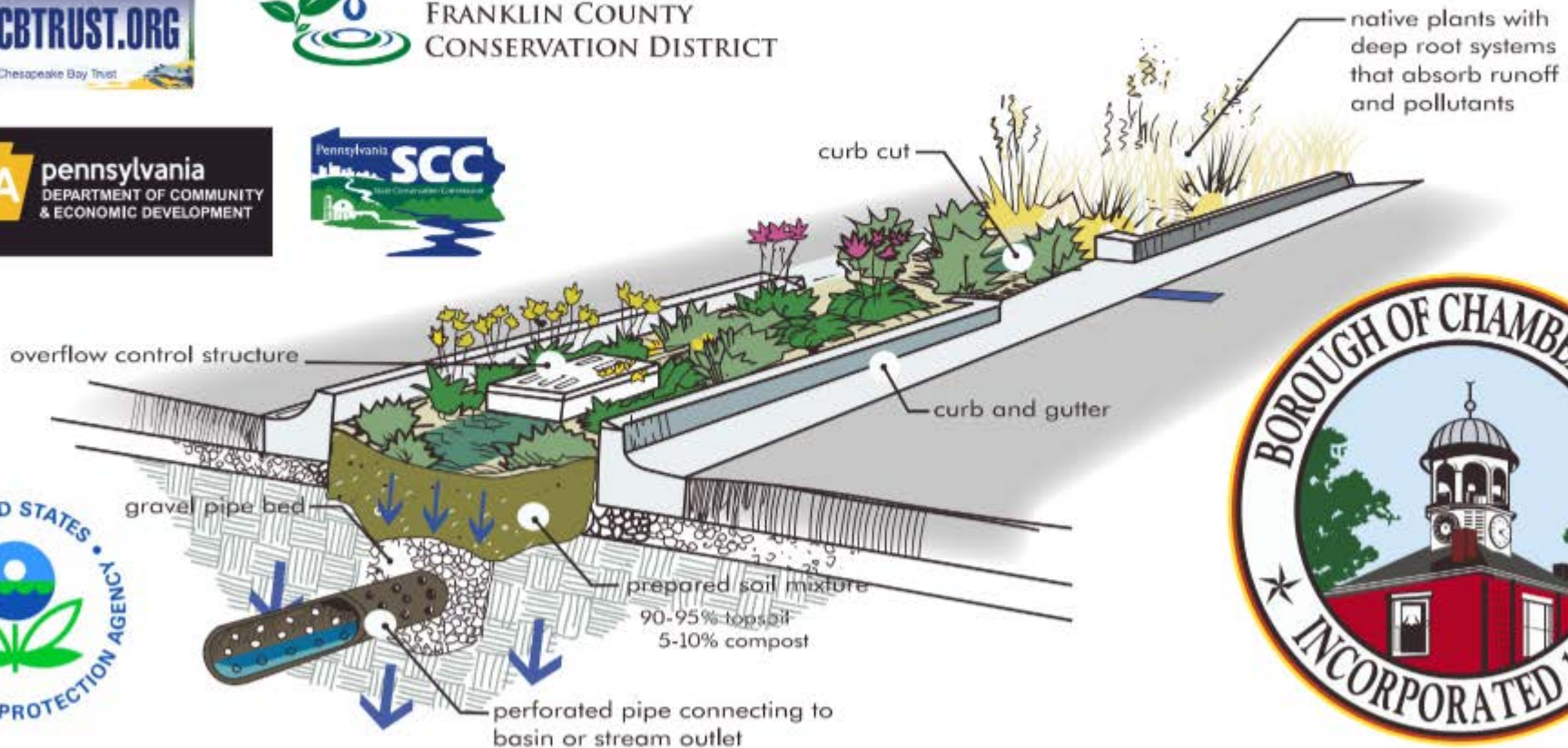


BIORETENTION BASIN

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A bioretention basin is a stormwater best management practice (BMP) designed to capture and treat the first flush of runoff from impervious surfaces. This stormwater contains the greatest concentration of pollutants and is directed into the cell by pipes, swales, or curb openings. The depression temporarily captures and holds the runoff from a one-inch storm. Trees and shrubs selected to grow in the bioretention basin must be water tolerant and will facilitate with the removal of nutrients through their root systems.