

- Stormwater planters



Stormwater planter – bus shelter, Ardsley

wri.cals.cornell.edu/sites/wri.cals.cornell.edu/files/shared/documents/NYSClimateSmart_GI_3-28-13.pdf

(page 30)

neiwpc.org/wp-content/uploads/2020/10/watershed-design-guide.pdf (page 46)

watershed-design-guide.pdf

46 / 76

DESCRIPTION

Planter boxes are urban rain gardens with vertical walls and open or closed bottoms that collect and absorb runoff from sidewalks, parking lots, and streets. The ones with open bottoms are also referred as infiltration planters, which are not recommended for soils that don't drain well. Planter boxes are ideal for space-limited sites in dense urban areas and as a streetscaping element.

CASE STUDY: Ardsley Bus Shelter Stormwater Planter

This project locates at Route 9A/Saw Mill River Road and Ashford Avenue, Ardsley, NY. The stormwater planter captures roof runoff from an adjacent public bus shelter, which helps improve the quality and reduce the flow of stormwater in the Saw Mill River watershed.

The planters redirect roof runoff, encourage infiltration and serve as a model for homeowners with limited space. The structure is 10 square feet in size and has drainage area of 55 square feet. Educational signage is also installed.



Original Source: NYSDEC projects. <http://www.dec.ny.gov/lands/74996.html>