

Rain Garden

EarthView Environmental, Inc. – Coralville, Iowa

Johnson County, Iowa

2009-Present

COST

- \$3,755 plus in-house labor and design

RESOURCES

Quality Care , The Nature Care Company

- Soil Amending
- Mulching

Plants

- Nature Hills Nursery – Omaha, NE (Online)
- Peck's Green Thumb – Cedar Rapids, Iowa
- K & K Gardens – Hawkeye , Iowa
- Local gardens

CHALLENGES

Sediment and Ice

Sediment and Ice blocking drainage

Solution: Installed a catchment basin allowing sediment from parking lot to settle and water to infiltrate

Utilizing Rain Barrel Water

Water not utilized and area under awning too dry

Solution: Connected a soaker hose to the rain barrel and placed it around the roots of the plants shaded by awning

Maintenance Communication

Type of maintenance different than traditional

Solution: Use this as an educational opportunity to work and train maintenance provider

MAINTENANCE:

- Mulch reapplied each year
- Weeding only necessary near the edges, elsewhere the density of the plantings kept the weeds at bay
- Shrubs need to be trimmed back each fall.
- Two rain barrels provide sufficient water during dry months. Need to be disconnected for winter and reconnected in spring
- The catchment basin needs to be emptied 1-2 times during the growing season
- Sediment needs to be removed frequently at inlet if blocked

COMMUNITY:

- It took the collaborative efforts of the EVE team, Quality Care, and some outside resources to turn a small section of parking lot into a functional, yet beautiful, rain garden.

BEFORE..

Building the Rain Garden:

- Cutting the asphalt
- Amending the soil



Elements:

- Plants
- Artwork
- Reused Limestone Border
- Rain Barrel
- Catchment Basin
- Soaker Hoses



AFTER..

Infiltration and beauty!



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For more information go to: www.EarthViewEnvironmental.com