



Clean Water. Healthy Life.

# BEST PRACTICES *for* STORMWATER MANAGEMENT IN METROPOLITAN KANSAS CITY

## RAIN GARDEN | ROOF STORMWATER RUNOFF

Discovery Center Courtyard Rain Garden, 4750 Troost, Kansas City, Missouri

### Goals

The goals of this project are to manage rooftop runoff onsite using a rain garden and provide an education tool the Discovery Center can utilize in future environmental curriculum.

### Description

The Discovery Center serves as the conservation education center for the Missouri Department of Conservation in the Kansas City metropolitan area. As such, the Center saw an opportunity to utilize a stormwater Best Management Practice (BMP) to treat the large volume of rooftop runoff deposited in the courtyard. As a means of utilizing stormwater as an amenity, the Center has designed and planted a rain garden into which the runoff is being directed.

### Community Benefits & Lessons Learned

The center provides a variety of educational opportunities including demonstration areas to educate the public on various conservation practices. The project demonstrates the effectiveness of rain gardens to manage rooftop runoff and promote the widespread use of rain gardens on residential and commercial lands.

### Funding Sources and Partnerships

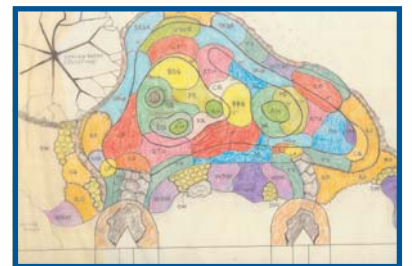
Missouri Department of Conservation  
Mid-America Regional Council  
U.S. Environmental Protection Agency (EPA) Region 7  
Blue River Watershed Association

### Contact

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*The Discovery Center provides numerous conservation education opportunities.*



*Planting plan using native Missouri plants was developed by Center Staff.*



*The rain garden captures water from two downspouts within the courtyard.*