

# City of Lenexa, Kansas: City Center Urban Stormwater Management Project

**Project description:** The project implemented green infrastructure/nonpoint source pollution control practices within the City Center development in Lenexa. The practices installed as part of the project included a constructed wetland with extended detention, stormwater reuse, and native landscaping.

**Project location:** 87th Street & Renner Blvd., City of Lenexa, Kansas

**Project sponsor:** City of Lenexa, Kansas

**Project partners:** Listed below in "Project funding."

**Project funding:** Funded with ARRA (American Recovery & Reinvestment Act) funds through the EPA (U.S. Environmental Protection Agency) and administered through the Kansas Department of Health and Environment (KDHE) and the Kansas Water Pollution Control Revolving Fund (KWPCRF). KWPCRF ARRA Loan Amount: \$1,073,000



**Construction completed:** November 2011

## Key green infrastructure components:

- Extended wet detention basin (1)
- Constructed wetland (1)
- Stormwater recirculation system (1)
- Native vegetation

## Environmental benefits:

- Provides filtration of surface runoff entering the basin
- Dissipates energy and oxygenates the storm water
- Provides final stormwater treatment
- Captures and reuses stormwater for onsite irrigation

