



**Staff/Partners**

**PROJECT LEAD**

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**PARTNERS**

Vermillion River Watershed  
Joint Powers Org.  
Dakota County  
Metropolitan Council  
MN Dept. of Health  
DNR  
MPCA

**SUSTAINABILITY & GREEN TECHNOLOGY**

**Water Re-Use**

This study is to provide solutions for viable re-use of intermittent storm water flows and re-use of treated effluent from the Metropolitan Council Environmental Services (MCES). The City would like to utilize storm water to replace public and private irrigation and other uses that will benefit existing groundwater supplies. Similarly, reuse of treated effluent within overflow pipes within Rosemount could benefit the entire region.

**Questions / Issues:**

- What are reasonable and publicly acceptable reuse solutions, considering existing regulatory hurdles?
- What are some reuse ideas that individual homeowners can introduce into their daily lives? How much can a homeowner save by reusing or conserving water?

**Deliverables:**

- Provide recommendations of reuse opportunities, both for public reuse and on scale for individual households.
- Determine how transference of the treated effluent and separate storm water, to the “reuse” sites and potential costs associated should be defined.
- Creation of an education campaign to assist homeowners in reuse and water conservation methods.

**Sustainability:**

This project provides a sustainable environmental impact by decreasing demand on the groundwater aquifer and adds an economic impact by reducing the use of expensive potable water for tasks that could use non-potable water. The project outcome is consistent with the City Council’s 2013-2014 goal of implementing sustainable practices.

