



# St. Louis County

## Addressing PFAS now and into the future

### What is PFAS?

Per- and polyfluoroalkyl substances (PFAS) are a large family of man-made chemicals that are forever present in the environment due to frequent use since the 1930s. At certain levels they are toxic, causing adverse health effects in humans, fish, and wildlife.

### Now

## Regional Landfill Leachate Treatment System Replacement

&

### Into the Future

## Integrated Solid Waste Management Campus

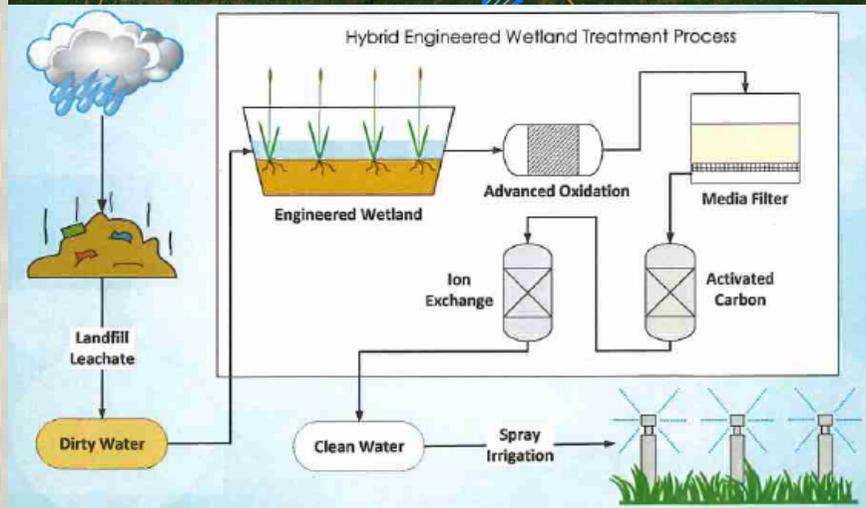
St. Louis County's project is aligned with the State's goals to **protect ecosystem health, remediate PFAS contaminated sites, and manage PFAS in waste** by constructing an advanced leachate treatment facility in Canyon that will provide a solution for the entire Northeast region. This new facility could be utilized as a repository for leachate generated by landfills within the region. It also will be designed to consolidate old landfills and dumps into a lined facility to contain PFAS containing waste.

## Project Details - HF960

Integrated Solid Waste Management Campus includes:

- » **Landfill**
  - MSW
  - Closed Landfill/Old Dump MSW Waste
  - Municipal WWTF Pressed Biosolids
- » **Leachate Treatment and Management**
  - Treatment Ponds
  - Engineered Wetland
  - Ultrafiltration Technology
  - Spray Irrigation Site
- » **Waste Processing Facility**
  - Recyclables
  - Non-permitted Landfill Materials
- » **Landfill Gas/Solar/Geothermal Energy Capture and Utilization**
  - Office and Maintenance Building
  - Treatment Ponds and Engineered Wetlands
  - Solid Waste Processing Facility
  - Landfill Compactors
- » **Organics Transfer to WLSSD**

**State Request: \$20M**



**SAINT LOUIS COUNTY**  
MINNESOTA

