

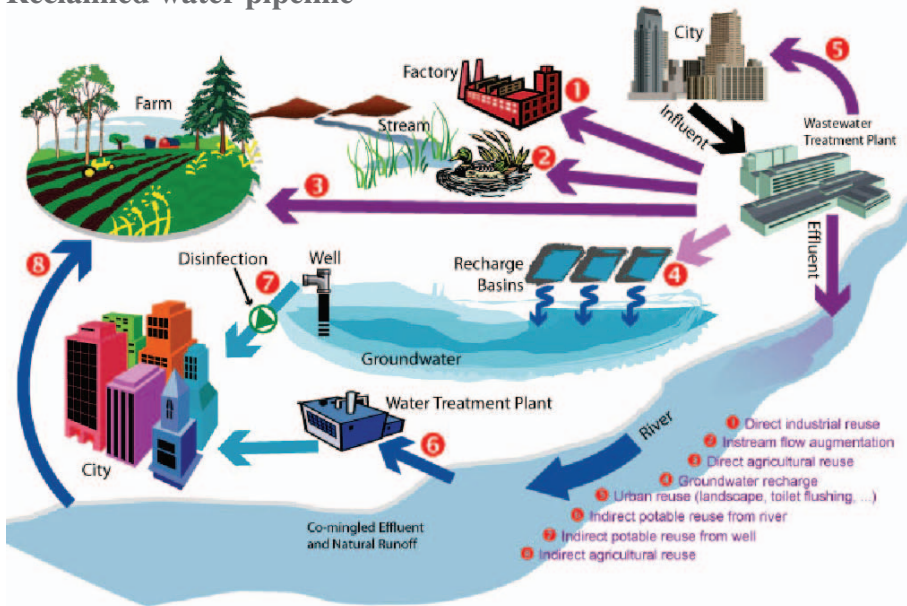
TAYLORVILLE ENERGY CENTER

In association with



The Sanitary District of Decatur

Reclaimed water pipeline



Also known as Reclamation or Reuse, water recycling is an umbrella term encompassing the process of treating wastewater, storing, distributing, and using the recycled water.

The Sanitary District of Decatur (SDD) is a regional agency serving the diverse wastewater treatment needs of Macon County with a state of the art facility located on the southwest side of Decatur. The SDD facilities have undergone numerous additions and modernizations, the most recent being a \$140 million upgrade and additions program in the late 1980's and recent projects to expand services to the villages of Oreana and Argenta.

Economic Impact

- TEC will use 1.5 million to 1.8 million tons of coal annually from Illinois mines.
- SDD will produce and deliver up to 4 million gallons per day of high quality treated effluent for process water at the TEC facility.
- Development represents a multibillion dollar investment to the region's economy creating nearly 1500 construction jobs at the peak of construction, supports hundreds of coal mining jobs, and creates 155 new power plant and contractor jobs.
- This partnership positions Central Illinois as the leader in clean coal technology.

SDD

Plant Capacity

41.5 mgd
(dry weather flow)
125 mgd
(wet weather flow)
740 mgd
(combined sewer overflow treatment)

Established

October 17, 1917

Service Area

(able to serve)
138 square miles

Reclaimed Water Capacity

12 mgd
(proposed)

Fact Sheet

Key Facts

The Taylorville Energy Center is positioned to be among the first commercial power plants in the United States to capture more than 50% of the Carbon Dioxide (CO₂) that would otherwise be emitted.

Pipeline Construction

Engineering and design work commenced in 2009. Construction is planned as soon as late 2011 with first water delivered 2013.

Public – Private Partnership

This project joins Christian County Generation, L.L.C. and the Sanitary District of Decatur in a partnership to deliver an environmentally sound approach to use and preserve valuable Illinois natural resources to the economic benefit of the local economies, the State and the Nation providing leadership in Clean Coal Technology.

