

Dammeron
Valley

Wastewater

Summer 2016

System Expansion Scheduled to Commence this Fall

Washington County Water Conservancy District (district) is scheduled to start construction of a \$650,000-plus expansion to Dammeron Valley's wastewater system this fall. The current system has reached its operational limits necessitating the expansion to meet federal and state guidelines, protect groundwater supplies and allow for additional growth.

The expansion will incorporate new technology to improve effluent water quality. The planned Orenco system uses biological processes and packed bed filtration to treat various contaminants and is designed to reduce effluent nitrogen up to 70 percent.

The facilities will be located on the existing district-owned parcel, located on the corner of Pinion Hills Drive and Pinion Lane. Most of the facilities will be located below or near ground level to minimize visible impacts. In addition, the district plans to install some property fencing and a drip irrigation system to water trees that will be planted onsite to complement the overall neighborhood aesthetics.

The cost for the system expansion

will be paid primarily by Dammeron Corporation, developer of Dammeron Valley. The district is providing limited funding, manpower and other resources and will retain system management.

Additional maintenance and operation costs will likely result in increased user fees. The district will analyze its costs once the system is operational to determine appropriate fee amounts. Current fees are \$20 per month for a hooked connection and \$10 a month for standby services.

Property owners with existing approved septic systems that meet current regulations may continue to use their system.

The district has managed Dammeron Valley's wastewater system since April 2009, as requested by the Washington County Commission. Wastewater management is necessary to protect ground water recharge areas and drinking water sources. Should these areas become contaminated with pollutants or toxic compounds, the health of our residents and environment could be compromised.

Visit wewcd.org for more information.

Current District Wastewater Efforts

1 Provides regulatory compliance through the Utah Division of Water Quality

2 Employs certified wastewater system operators

3 Oversees system maintenance

4 Installs and monitors meters

5 Inspects manholes annually

6 Pumps septic tanks and jet rods every three years

7 Performs necessary system repairs

8 Collects and tracks flow data

9 Prepares annual Operating Permit Inspection Reports



Dammeron Valley's wastewater system expansion will be located on the district's existing parcel, pictured above.

DAMMERON VALLEY Wastewater



Crews operate vacuum trucks to remove nearly 17,000 gallons of sludge from Dammeron Valley's wastewater system in 2014.

Quick Tips for Homeowners with Septic Systems

Homeowners are responsible for the maintenance of their respective septic systems. Maintaining your system will save money, protect your health and sustain the property value of your home. Following is a quick list of tips for septic system owners.

Do

- Know and mark the location of your system
- Inspect your system annually
- Have a professional pump your system every 3 – 5 years
- Keep records of repairs, pumping, inspections, etc.
- Conserve water to avoid overloading the system
- Divert other sources of water (roof drains, sump pumps, etc.) away from the system

Don't

- Go into a septic tank
- Drive or park on any part of the system
- Plant anything, except grass, above the system
- Dig in or build on the drain field
- Allow repairs to your system without obtaining the required health department permit
- Use septic tank additives
- Use toilets as a trash can
- Use a garbage disposal unless your system can accommodate the additional waste
- Allow backwash from home softeners

What not to flush

As a general rule, don't dispose of anything in your septic system that can easily be put in the trash.



Flushable

Wastewater
Toilet paper

Not flushable

Food scraps *Coffee grinds*
Grease Cooking oil
Plastic Paper towels
Facial tissues
Sanitary Supplies
Cigarette butts Dental floss
Disposable diapers
Kitty litter



WASHINGTON COUNTY
WATER CONSERVANCY DISTRICT
533 E. Waterworks Dr.
St. George, UT 84770
435.673.3617
wcwcd.org