

-ENVIROFACTS ON RECLAIMED WATER-

WHAT IS RECLAIMED WATER? Since water is a precious resource, researchers are working to protect it. Reclaiming water for reuse allows us to conserve fresh water. While reclaimed water is not treated to be as clean as drinking water, it is clean enough for its primary purpose – irrigation. Research shows that up to 50% of the water that flows through meters in some cities is used to maintain grass; so many Florida citizens are using this resource for irrigation.

IS RECLAIMED WATER SAFE? Reclaimed water is wastewater that is treated to be reused for particular purposes. It is filtered and disinfected, but it does not meet the same state and federal standards as drinking water. Nutrients that remain in reclaimed water include aluminum, chromium, lead, molybdenum, zinc, phosphorus, boron, copper, magnesium, nickel, sodium, calcium, iron, manganese, potassium and nitrogen.

WHEN SHOULD YOU NOT USE RECLAIMED WATER?

Do **NOT** use reclaimed water for any of the following:

- Drinking
- Bathing people or animals
- Connecting to a dwelling for household use
- Connection to another water source
- Sprinkling gardens
- Filling swimming pools or hot tubs
- Increasing lake or pond levels
- Supplying air conditioning units

PLEASE NOTE: The hose bibbs on the outside of your home are supplied with potable or “drinking” water so that an outside water supply is available for all of the above functions. (This information was provided by the FDEP, NE District, 7825 Baymeadows Way, Suite B-200, Jacksonville, FL, 32256, 807-3300)



Ridgecrest WTP

-We Welcome Your Views-

The Clay County Utility Authority's Board of Supervisors meets at 2:00 p.m. on the first and third Tuesday of each month. Board sessions are open to the public and are held in the boardroom at our facility at 3176 Old Jennings Rd., Middleburg, FL 32068. We are also pleased to announce that this information and much more can be found at our recently updated website at <http://www.clayutility.org>.

If you have questions regarding this brochure or are interested in learning more about your water quality, feel free to call our office, and ask for Jim McCormack or Amy Palmeri. To arrange a tour of one of our facilities for your organization, contact our public relations department at 272-5999. ❖

- Technological Advances in Sludge Treatment-

The Miller Street WWTP is in the process of being upgraded this year to include a new wastewater residuals treatment and disposal facility. This is known as the BCR Neutralization process and it produces a grade “A” sludge which is dewatered and disposed of as an approved fertilizer product. With completion of the Miller Street Facility, we will have this technology at four of our treatment plants.



Miller Street Wastewater Treatment Plant

- Reclaimed Water for Irrigation -

Clay County Utility Authority's reclaimed facilities in the Fleming Island, Old Jennings, Lake Asbury, Oakleaf Plantation, and Spencer's Crossing areas, provide reclaimed water to nearby residential and/or golf course irrigation systems. These facilities have significantly reduced the amount of nutrient-rich water that is discharged into the St. Johns River as well as the amount of potable water used for irrigation in the above areas. We are proud to report that in 2009, we conserved over 1,581,171,000 gallons of potable water, as a result of the use of reclaimed water for irrigation purposes. ❖



Miller Street Reclaimed Water Facility