

Reuse of Reclaimed Regulated

Reuse of reclaimed water is regulated by Florida Administrative Code, Chapter 62-610, F.A.C., and Local Ordinance NO. 98-37.

System Type

The type of reclaimed water distribution system operated by Collier County is defined by the Florida Department of Environmental Protection as a "slow rate land application system with public access." This type of system requires, at a minimum, secondary wastewater treatment and high level disinfection prior to introduction into the reclaimed water distribution system network. This type of reuse system involves the irrigation of areas that are intended to be accessible to the public, such as residential lawns, golf courses, cemeteries, parks, landscape areas and highway medians. Public access areas may include private property that is not open to the public at large, but is intended for frequent use by many persons.

Uses NOT Permitted

- NO Consumption of reclaimed water (human or animal).
- NO Connection to a dwelling unit or a building containing a dwelling unit.
- NO Inter-connection with another water source.
- NO Irrigation of edible crops (gardens).
- NO Use for body-contact recreation.
- NO Filling of swimming pools.



Advisory Signs

1 The public shall be notified of the use of reclaimed water through the posting of advisory signs designating the nature of the reuse project area where reuse is practiced, notes on scorecards, or by other methods. Examples of some of the notification methods which may be used by permittees include posting of advisory signs at entrances to residential neighborhoods where reclaimed water is used for landscape irrigation and at the entrance to a golf course and at the first and 10th tees.

2 Advisory signs shall include the following warning in English and Spanish: "Do Not Drink" plus the equivalent standard international symbol.

3 Advisory signs shall be posted adjacent to lakes or ponds used to store reclaimed water that are not located at the domestic wastewater treatment facilities. Advisory signs shall be posted at decorative water features that use reclaimed water. Advisory signs at storage ponds or decorative water features shall include the following text in English and Spanish: "Do Not Drink" and "Do Not Swim," plus the equivalent standard international symbols.



Restricted Use of Hose Bibbs

Hose bibbs shall be located in locked vaults, service boxes, or compartments which are clearly labeled as being of nonpotable quality (bearing the words in English and Spanish: "Do Not Drink" plus the equivalent standard international symbol). Vaults, service boxes, and compartments meeting the requirements of this rule may be located above or below grade. The number of hose bibbs shall be minimized.



For more information call the Collier County Wastewater Department at (941) 593-0336



[www.co.collier.fl.us/publicworks/](http://www.co.collier.fl.us/publicworks/)

Collier County is Committed to Protecting Our Water Resources

Reuse of Reclaimed Water



Collier County is committed to the responsible and environmentally beneficial reuse of reclaimed water. This commitment is an effective means of reducing demands on our limited fresh water resources so we can meet current and future needs of Collier County residents.





### What is Reclaimed Water?

Reclaimed water is water that has received at least secondary treatment and basic disinfection. It is reused after flowing out of a domestic wastewater treatment facility. When reclaimed water is actually used for beneficial purposes, it is then called 'reuse.'



### Who Uses Reclaimed Water?

Collier County reclaimed water users include 22 golf courses, 2,500 residential homes, condominiums, three county parks and more than 10 miles of roadway medians countywide. The system also includes more than 50 miles of distribution piping, 130 million gallons of on-site wet weather storage, two deep injection wells and six pumping stations.



### Limited Water Supplies

Only 3 percent of the water on earth is fresh water and only 1 percent is available for human consumption. Wastewater reclamation and reuse is now recognized as an outstanding proven method of conserving fresh water supplies. As the demand for fresh water increases in Collier County, we must develop alternative water sources to satisfy future requirements. By substituting reclaimed water for potable or ground water used for irrigation, we are helping to protect our limited supply of fresh water resources. Collier County is currently reusing an average of 10.5 million gallons of reclaimed water per day for irrigation purposes. To put this quantity of water in perspective, an equal amount of potable water would supply the total needs of approximately 35,000 homes.



### Habitat Creation

The south county ponds, in addition to providing 100 million gallons of reclaimed water storage, provide a habitat for many species of wildlife. The ponds also have a reputation for being a frequent observation area for bird watching enthusiasts. The ponds are located on Tamiami Trail East one mile west of CR 951 at Eagle Lakes Community Park.

