

# Our Water Reclamation Facilities

Pinellas County Utilities owns and operates two advanced wastewater treatment facilities.



**William E. Dunn Water  
Reclamation Facility**

provides reclaimed water service to residents and businesses in the unincorporated areas north of Curlew Road.

## SCR South Cross Bayou Water Reclamation Facility



provides reclaimed water service to residents and businesses in central and southern unincorporated areas, and to the Gulf beach communities from Sand Key to Tierra Verde.

For more information about our water reclamation facilities, please call **(727) 464-4000**. You may also visit Pinellas County Utilities online at [www.pinellascounty.org/utilities](http://www.pinellascounty.org/utilities) or the Pinellas County Extension at [www.pinellascountyextension.org](http://www.pinellascountyextension.org).

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## Pinellas County Utilities Reclaimed Water Consumer Confidence Report

# 2010

## Reclaimed Water Quality

# Analysis 2010

Pinellas County produces reclaimed water that meets all the state requirements for utilization of reclaimed water for irrigation of public access areas (parks, playgrounds, school sites, golf courses, etc.) and irrigation of residential lawns and landscapes.

Inorganic Contaminants	WED	SCB
Chloride (mg/L)	210	384
Nitrate (mg/L) (as Nitrogen)	0.95	2.78
pH (standard unit)	7.97	7.36
Phosphorus (mg/L)	1.25	0.93

WED: William E. Dunn Water Reclamation Facility

SCB: South Cross Bayou Water Reclamation Facility

## Glossary of Terms

### Chloride

Naturally occurring salt content present in all water types

### Nitrate (as Nitrogen)

A nutrient that stimulates plant growth and is associated with lush, dark green leaves

### Milligrams per liter (mg/L)

One part by weight of analyte to 1 million parts by weight of the water sample

### pH

The measure of acidity or alkalinity with 7 as the neutral value

### Phosphorus

Promotes healthy root development and aids in plant establishment

## Is Reclaimed Water

# Safe?

**Yes.** To ensure safety, the highest standards established by the Florida Department of Environmental Protection are followed. System controls utilized by Pinellas County Utilities are among the most stringent in the nation. Locally, Clearwater, Dunedin, Largo, Oldsmar, Pinellas County Utilities, Pinellas Park, South Pasadena, St. Pete Beach, St. Petersburg and Tarpon Springs safely operate reclaimed water systems. There is no documentation of any public health problems associated with reuse of properly treated and disinfected reclaimed water. As a precaution, it is recommended that immuno-compromised persons irrigate only when they will not be outside.

The level of treatment received by reclaimed water makes it **acceptable** for the following uses:

- Irrigating lawns and most landscaping
- Washing of cars, boats, or heavy equipment  
*It is recommended that after the use of reclaimed water, vehicles are rinsed with potable water and towel dried to prevent spotting.*
- Washing of roofs and buildings
- Supplying water to decorative fountains

The degree of treatment required for the use of reclaimed water makes it **unsuitable** for the following purposes:

- Consumption by humans
- Bathing, cooking or toilet flushing in residential dwellings
- Any interconnection with another water source
- Recreational use involving body contact (i.e. swimming pools or outdoor showers)
- Irrigation of vegetables or other edible crops which are not peeled, cooked, or thermally processed before being consumed
- Run-off into or filling of swimming pools

## How is Reclaimed Water

# Produced?

The wastewater treatment and disinfection process requires four steps:

- 1 eliminate large solid materials
- 2 use microorganisms to break down smaller solids
- 3 eliminate undesirable compounds and fine suspended particles
- 4 use chlorine to eliminate disease-causing organisms

## Pinellas County Code 82-3

# RCW Ordinance Requirements

Board Approved March 17, 2009

Overhead irrigation may be limited to three days a week:

- April 1 to June 30, and
- October 1 to November 30.

If your house number ends in an:	Then you may water on:
<b>EVEN</b> number (0, 2, 4, 6, 8)	Tuesday, Thursday, and Saturday*
<b>ODD</b> number (1, 3, 5, 7, 9)	Wednesday, Friday, and Sunday*

### \*Irrigation is prohibited

between the hours of 10:00 am and 4:00 pm.



Please visit our website for additional information,  
[www.pinellascounty.org/reclaimed](http://www.pinellascounty.org/reclaimed)