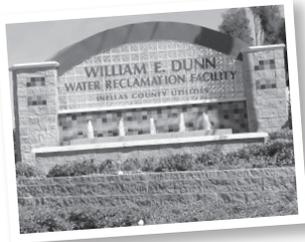


Our Water Reclamation Facilities

The Pinellas County Department of Environment and Infrastructure owns and operates two advanced wastewater treatment facilities.



WED William E. Dunn Water Reclamation Facility

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



SCB 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** or visit www.pinellascounty.org/utilities. You may also visit the Pinellas County Extension at www.pinellascountyextension.org.

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14 S. Fort Harrison Avenue
Clearwater, FL 33756



Reclaimed Water Consumer Confidence Report

2012

Reclaimed Water Quality

Analysis 2012

The Pinellas County Department of Environment and Infrastructure 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)	186	278
Nitrate (mg/L) (as Nitrogen)	0.44	1.57
pH (standard unit)	7.95	7.38
Phosphorus (mg/L)	0.37	0.16

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 are among the most stringent in the nation. Locally, Clearwater, Dunedin, Largo, Oldsmar, Pinellas County DEI, 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:
EVEN number (0, 2, 4, 6, 8)	Tuesday, Thursday, and Saturday*
ODD 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