



## USES

OASIS water can be used safely on plants you eat. But, as with all fruits and vegetables, including those purchased at stores and markets, always wash them before eating.

More information can be found at [www.ICanWater.com](http://www.ICanWater.com) under Useful Links. The Florida Department of Environmental Protection (FDEP) explains in more details the uses of reuse water.

You should not use reuse water for:

- Body contact for recreation, such as pool or hot tubs
- Connection onto a building for any purpose, including water-cooled air conditioning
- Any indoor use at all, especially for drinking and cooking

*If you do come into contact with reuse water, simply wash with soap and water.*

## RECENT AWARDS

**2019** WaterReuse Utility of the Future Today Award

**2018** Florida Water and Pollution Control Operators Association Outstanding Website Award – I Can Water Website

**2018** Resilient Project of the Year from Resilient Utility Coalition – I Can Water Program

**2017** Florida Water Environment Association Public Education Award



**CITY OF POMPANO BEACH**  
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Pompano Beach, Florida 33060

Utilities Department • 1205 NE 5th Avenue, Pompano Beach, FL 33060  
OASIS Hotline 954-324-8434 • Customer Service 954-786-4637  
Cross Connections 954-786-4637 • Reuse Water Quality 954-545-7018  
Web [www.icanwater.com](http://www.icanwater.com) • Building Inspections Division 954-786-4670

## CONTACTS

# 2019 Reuse Report & Customer Information

# OASIS

Our Alternative Supply Irrigation System



## INTRODUCTION



Dear OASIS Customer:

We are pleased to provide you with the 2019 update on the reuse system. Our award-winning reuse water system, known as OASIS, provides irrigation water for properties like yours. OASIS provides about 2.5 million gallons per day of irrigation water to your area and has been in use for 30 years. The City of Pompano Beach launched its I Can Water campaign in August 2011 and to date we have added over 990 customers, with more every day. This innovative program connects single-family residential customers to the reuse system with no out-of-pocket expense.

We congratulate you on taking advantage of this conservation opportunity and assisting us in saving nearly 22 billion gallons of drinking water since 1989. Please visit [www.icanwater.com](http://www.icanwater.com) or call the OASIS Hotline at 954-324-8434 for more information.

## 30 YEARS OF USE AND GROWING

Since 1989, the City of Pompano Beach has been using reuse water for golf courses, parks, playing fields, and road medians. Over 990 single family homes have connected to OASIS over 8 years through our I Can Water program. The City is continuing to expand the reuse system into Pompano Beach and Lighthouse Point. The second phase of Lighthouse Point residential connections has been completed, bounded on the south by NE 27th Street, on the north by NE 28th Court, on the west by NE 26th Avenue, and the east by NE 30th Avenue. Construction will soon begin for the third phase and for the NE 16th Street Pompano Beach expansion.



## REUSE BENEFITS

Some of the benefits of using reuse water for irrigation include:

- Reuse water costs less than drinking water
- Decreases the need for fertilizers
- Reduced drinking water helps meet future demands
- You can water any day of the week (except between 10am & 4pm)
- No sewer costs for reuse water
- Prevents/reduces saltwater intrusion into the drinking water wells
- Reduces the amount of treated wastewater discharged into the ocean from the Broward County North Regional Wastewater Facility
- Delays additional drinking water facility upgrades

Learn more about our I Can Water program at  
[www.ICanWater.com](http://www.ICanWater.com)

## OASIS WATER QUALITY

Even though it is not intended for drinking, the reuse water leaving the plant is tested continuously for specific parameters and annually for drinking water parameters. In 2019, OASIS passed 94 out of 96 annual drinking water tests. OASIS reuse water MET DRINKING WATER standards for all tests except those shown in the table below. Reuse water also contains higher levels of nitrogen and phosphorus compounds than drinking water, which makes less fertilizer use possible.



Analyte	Level	Drinking Water Standard
Total Dissolved Solids	544 mg/L	500 mg/L
Nitrite	1.5 mg/L	1 mg/L

*Test results are in parts per million.*

Reuse water must be used responsibly within established guidelines. Reuse water is meant for irrigation and not for human consumption.

## BACKFLOW PREVENTERS

After the City's Building Inspections Division issues the permit, an approved backflow preventer must be installed on the existing drinking water meter to prevent cross-contamination of the drinking water supply. The backflow preventer must be installed prior to installation of the reuse water meter and should be tested annually (commercial and multifamily properties only) as required by state law. The City installs, maintains and replaces the backflow prevention devices for single-family reuse customers in the I Can Water program.



Reuse water is carefully tested to meet safety standards. Federal, State and local regulations govern contaminant levels in reuse water to ensure its safety for irrigation. Reuse water has been used in Florida for more than 40 years with no reported incidence of human illness.

## THERMAL EXPANSION

Installation of a backflow preventer assembly creates a closed plumbing system. It is necessary to install a means of controlling thermal expansion in the water supply system. The existing pressure and temperature relief valve attached to the water heater is not permitted to be used for thermal expansion control. One method of achieving this is to install an additional pressure relief valve designed for thermal expansion control. A second method of controlling thermal expansion is by the use of a thermal expansion tank. These tanks must be installed on the drinking water side and must be properly sized and installed. The City's contractor installs the thermal expansion valve for I Can Water single family residential customers. Contact the City Building Inspections Division at 954-786-4670 with any questions about thermal expansion.

## ABOUT INSPECTIONS

The City of Pompano Beach conducts an inspection of the customer's reuse system before the start of a new reuse service and every 10 years, or when a new reuse account is requested at an existing reuse location. City inspectors will need to access your property's water and reuse lines. These inspections are required by state regulations and protect you and your neighbors from possible cross-connections of the two separate water systems.