



City of Pompano Beach Utilities Department
1205 NE 5th Avenue
Pompano Beach, FL 33060



Dear OASIS Customer,

We are pleased to provide you with the 2024 update on the reuse system. Our award-winning reuse water system known as OASIS, Our Alternative Supply Irrigation System, provides irrigation water for properties like yours. OASIS provides about 2.9 million gallons per day of irrigation water to our area and has been in use for over 30 years. The City of Pompano Beach's I Can Water Program connects single-family residential customers to our reuse system with no out-of-pocket expense. Using reuse water for lawn irrigation—and saving our drinking water for drinking—has conserved over 25 billion gallons of drinking water for the City since 1989. Please visit www.icanwater.com or call the OASIS Hotline for more information.

35 YEARS OF USE & GROWING

Since 1989, the City of Pompano Beach has been using reuse water for golf courses, parks, playing fields, and street medians. Over 1,195 single family homes have connected to OASIS over 13 years through our *I Can Water* program. The City is continuing to expand the reuse system into Pompano Beach and Lighthouse Point. Construction has completed for the fourth phase of the Lighthouse Point expansion, and phase five is currently in design. Pompano Beach's reuse Master Plan calls for the continuous growth of the reuse water system; however, such an effort requires a network of pipes to be constructed to carry the water, which takes time and money to build.



Your 2024 Reuse Water Consumer Confidence Report

A sustainable solution for irrigation and water conservation

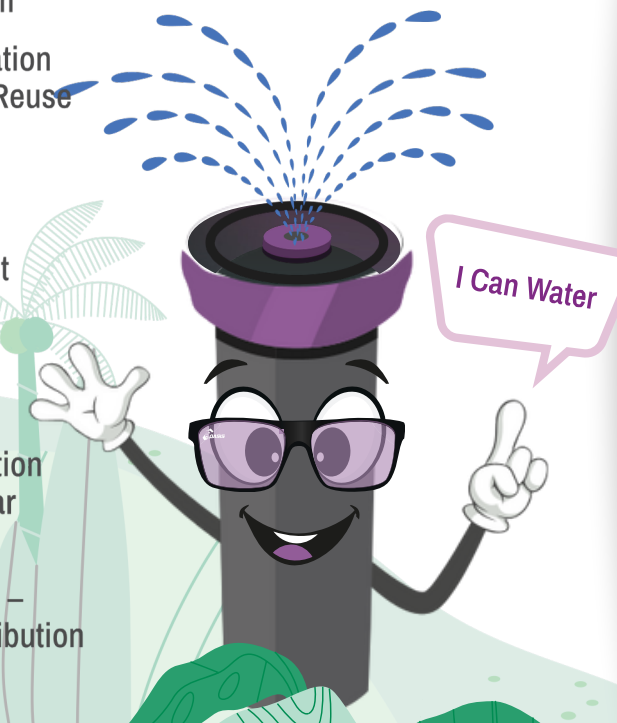
Learn more at icanwater.com



AWARDS



- 2024 WateReuse Awards for Excellence Community Water Champion – City of Pompano Beach Reuse Plant
- 2023 IWRP Broward Grant Award for \$175,000 to continue expansion of the system
- 2021 Florida Water Environment Association Public Education Award – OASIS Reuse I Can Water Program
- 2021 WateReuse Awards for Excellence Community Water Champion – City of Pompano Beach Reuse Plant
- 2021 Environmental Protection Agency WaterSense Excellence Award – Honorable Mention
- 2020 Florida Water Environment Association 5-10 MGD Reuse System of the Year
- 2020 Florida Water and Pollution Control Operators Association Safety Award – City of Pompano Beach Reuse Distribution



CONTACTS



Utilities Department
1205 NE 5th Avenue
Pompano Beach FL
33060

OASIS Hotline
954-324-8434

Customer Service
954-786-4637

Cross Connections
954-786-4082

Reuse Water Quality
954-545-7018

Building Inspections

Division
954-786-4670

www.icanwater.com

USES

OASIS water can be safely used on edible plants! The City received the first and only variance to date in the State of Florida allowing our reuse to be sprayed on edible crops that will not be peeled, skinned, cooked or thermally processed before consumption.

National reuse guidelines from the U.S. Environmental Protection Agency also fully support using reuse water for edible crops. But, as with all fruits and vegetables, including those purchased at stores and markets, it is recommended to wash before eating.

You should NOT use reuse water for:

- Recreational purposes, such as filling a pool or hot tub
- Connection onto a building, such as water-cooled air conditioning
- Indoor use, such as drinking

REUSE BENEFITS

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

- No upfront cost to connect to the reuse system
- Reuse water costs less than drinking water.
- Prevents/reduces saltwater intrusion into the drinking water wells
- You can water any day of the week (except between 10:00 a.m. and 4:00 p.m.).
- Delays additional drinking water facility upgrades
- Decreases the need for fertilizers
- No sewer costs for reuse water
- Conserves drinking water
- Reduces the amount of treated wastewater discharged into the ocean from the Broward County North Regional Wastewater Facility
- Reduces nutrient runoff
- Reuse water doesn't stain sidewalks and driveways.



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 2024, OASIS passed 88 out of 92 annual drinking water and/or permit target concentration ranges. OASIS reuse water contains slightly higher levels of nitrogen and phosphorus compounds than drinking water, which allows for less fertilizer use.

Analyte	Level
Total Nitrogen	5.7 mg/L
Ammonia	0.2 mg/L
Total Kjeldahl Nitrogen (TKN)	1.5 mg/L
Nitrate	4.1 mg/L
Nitrite	0.2 mg/L
Total Phosphorus	0.3 mg/L

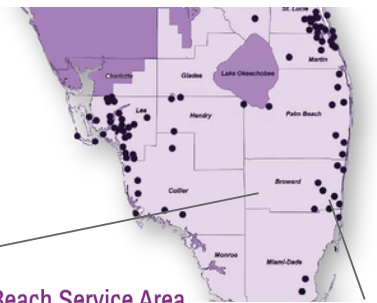
milligrams per liter (mg/L)

Source:

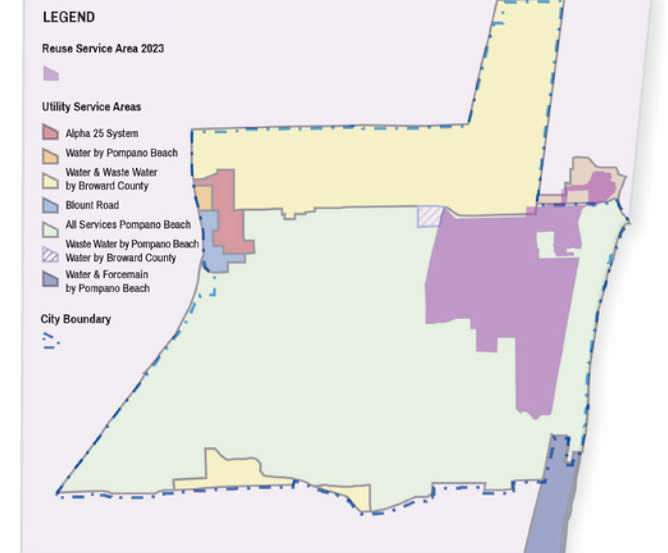


Regional Reuse Systems

Source:



Pompano Beach Service Area



Reuse water is used to irrigate over 6,000 acres of edible crops, over 500 golf courses, more than 1,000 schools and 500,000 residences throughout the state. Florida leads the nation in water reuse with an average rate of 34% compared to the national average of 7%.



Reuse water must be used responsibly within I Can Water guidelines.



Reuse water is meant for irrigation and not for human consumption.

HEALTH & SAFETY



The Florida Department of Public Health has found that water reuse poses no threat to public health, and reuse water has been used in Florida for more than 40 years with no reported incidence of human illness. Our reuse water is tested daily to meet local, state and national regulatory standards and cannot leave the plant unless it meets those water quality guidelines.

The City's Reuse Plant is monitored by the Florida Department of Environmental Protection and the U.S. Environmental Protection Agency. Florida-licensed plant operators run our facility, following all local, state and federal regulations. All of these processes ensure that the reuse water is of excellent quality for its intended uses.

CROSS-CONNECTION

Upon connection to the reuse system, an approved backflow preventer is installed on the existing drinking water meter to prevent reuse water from entering the drinking water supply. The City installs, maintains and replaces the backflow prevention devices for single-family reuse customers through the I Can Water Program. The backflow preventer is tested annually (commercial and multi-family properties only) as required by state law.

WHAT IS REUSE WATER?

Reuse water is treated water from the Broward County North Regional Wastewater Treatment Facility that arrives at our reuse plant where it is further purified, cleaned and tested to meet Florida's high-quality standards.

BY THE NUMBERS

in operation since 1989

25 billion gallons of drinking water conserved



1,900 locations over the country reuse water – 400 in Florida and 102 in South Florida



OASIS reuse water is used to irrigate:

- 2 Golf Courses
- 5 Parks
- 3 Schools
- 1 Cemetery and several medians



2.9 million gallons per day of irrigation water from Oasis



Over 1,195 homes connected



Did you know?

OASIS reuse water is used to irrigate the City's very own Sample-McDougald edible Heritage Garden.