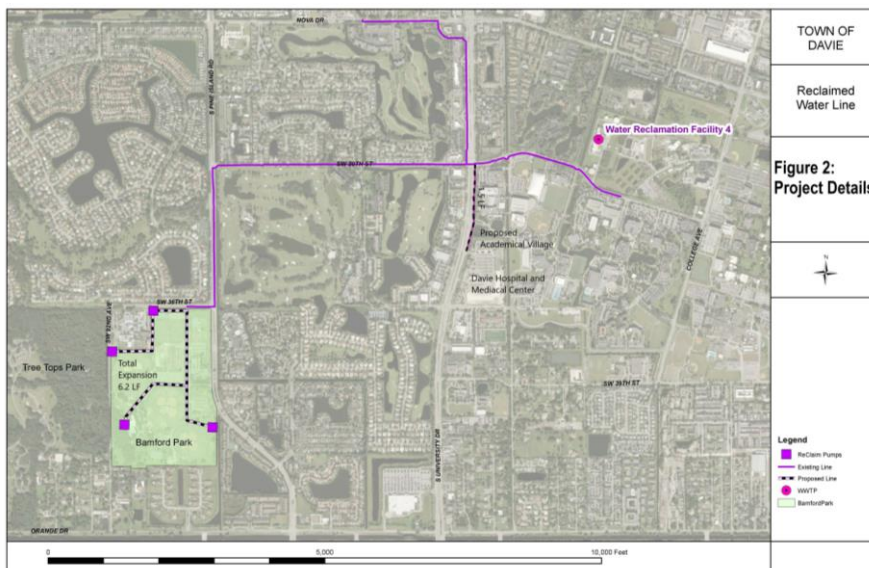




2022 RECLAIMED WATER REPORT

Town of Davie Utilities is continuing to recognize the need to provide its residents with Reclaimed Water supplies. The Town received the following grants for reclaimed water system expansion project (map shows pending expansion project):

- 1) The Broward County Integrated Water Resource Plan ("IWRP") provided cost share funding for design and feasibility study of Reuse Water line expansion project to use a reclaimed water for irrigation of approx. 138 acres of the Pine Island Park and Bamford Sports Complex. The project has been designed and permitted.
- 2) The South Florida Water Management District (SFWMD) Alternative Water Supply program provided cost share construction funds for installation of reclaimed water distribution pipelines along University Drive (from SW 30 St to SW 36 St) and inside Bamford Park & Sport Complex to supply approximately 0.2 to 0.5 MGD of reclaimed water for irrigation purpose. The construction of the reclaimed water distribution system expansion is expected to be completed by 2023.



TOWN OF DAVIE
Reclaimed Water Line
Figure 2: Project Details.

The Town of Davie Utilities provides Reclaimed Water customers with copy of Annual Reclaimed Water Report

NOVA Southeastern University (NSU) is using reclaimed water for irrigation

University of Florida (UF) is using reclaimed water for research

Town of Davie Utilities is using reclaimed water for irrigation and flushing toilets

For more information on Reclaimed Water availability, treatment and usage please visit the Town of Davie website:

www:Davie-FL.gov

Town of Davie Utilities Department:
7351 SW 30 Street, Davie,
Florida 33314
Phone: 954-327-3742

Reclaimed Water is a reliable, safe alternative water supply.
Town of Davie:
Let's re-use!

- 3) IWRP provided cost share funding for design and feasibility of reuse expansion along SW 30th St to potentially serve academic corridor including Broward College Central Campus.
- 4) IWRP provided cost share funding for design and feasibility of SW 92nd St to potentially serve Pine Island Road corridor as Broward County Tree Tops Park in the future.

Reclaimed Water Use Capacity and Quality

- The Water Reclamation Facility (WRF) permit capacity is 3.5 million gallons per day (MGD). More than 45% of wastewater treated is reused.
- Reclaimed Water meets current U.S. Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) wastewater standards.
- Although Reclaimed Water is not required to meet Drinking Water Standards, the analysis is performed annually by the Town of Davie. The results met Drinking Water Standards except for results identified in table below.

Parameter	Result	Drinking Water Standards Allowances
TTHM	120 ug/L	80 ug/L

- The Reclaimed Water parameters below exceeded the FDEP limits requirements during reporting period 2022.

Date	Parameter	Non- compliance Observation	FDEP Allowances
07/2022	^(a) TSS	32.0 mg/L	5.0 mg/L
03/2022	^(b) Turbidity (less than 0.2 NTU)	71 %	95%
08/2022	^(c) Fecal Coliform % (monthly total)	71%	75%

(a) Single day exceedance

(b) Over a monthly period, permit requires that 95 % of the maximum values shall be below 0.2 NTU.

(c) Over a monthly period, permit requires that 75% of the fecal coliform values (the 75th percentile value) shall be below detection limits.

Parameter	Non- compliance Observation	FDEP Allowances
*Fecal Coliform	0	25 max/100 ml
* Maximum allowance by permit is 25 Fecal Coliform for 100ml.		

Reclaimed Water Availability:

NOVA Southeastern University (NSU)

University of Florida (UF)

Grand Oaks – Golf Course

Town of Davie

Country Club Golf Course – connection pending

Yes, You can ...

Use Reclaimed Water instead of Drinking Water for landscape, parks and golf courses for irrigation...

Yes, You can ...

Use Reclaimed Water wisely as per provided guidance by your local utility, please contact us at 954-327-3742 and/or [www. Davie-FL.gov](http://www.Davie-FL.gov)

Yes, You can ...

Use Reclaimed Water for fire protection, car wash, streets sweeping and dust control

Map. Town of Davie Utilities Water Reclamation Facility (WRF) – Reclaimed Water availability layout

