Reclaimed Water Quality Report

Lee County Utilities

2025 Annual Report

Customers of Lee County Utilities (LCU) rely on quality-reclaimed water, suitable for landscape irrigation. Reclaimed water is treated through advanced technical processes designed by engineers and operated by highly skilled and licensed County staff.

Figure 1: Fiesta Village / Fort Myers Beach Interconnect

Reclaimed water is then tested using certified laboratory techniques. The utilization of the County's reclaimed water for irrigation meets all regulatory standards required by the Florida Department of Environmental Protection. Lee County's reclaimed water program is an important component in the conservation of groundwater needed to sustain your drinking water supply for future years.

This annual report provides specific information on the quality of reclaimed water supplied to LCU customers. This annual reclaimed water quality report is required by the Florida Department of Environmental Protection. The purpose of this report is to explain the origin, nature, and characteristics of the reclaimed water supplied to your facility.

Area Served By LCU Water Reclamation Facilities (WRF)

Fort Myers Beach WRF: Estero Island/Ft. Myers Beach and the Iona McGregor area, from the Sanibel causeway, east to Bass Road

Fiesta Village WRF: South Ft. Myers, east of Bass Road and west of U.S. 41 from College Parkway south to Estero Bay

Three Oaks WRF: South Ft. Myers/Estero, south of Alico Road and North of Williams Road from Estero Bay, east to Ben Hill Griffin Parkway, excluding San Carlos Park

Gateway WRF: All of the Gateway development in East Ft. Myers

Pine Island WRF: Stringfellow Road between Pine Island Center and St. James City

Visit our webpage at: https://www.leegov.com/utilities/customer-resource-center

Reclaimed Water Quality Analysis for 2025 [1]

Parameter	Water Reclamation Facility				
	FMB [2]	FV [2]	GW [2]	PI [2]	TO [2]
Chloride (mg/L)	387	214	129	Not Tested	197
Nitrate (mg/L as Nitrogen) [3]	7.38	0.37	8.56	33.86	3.74
pH (Standard Units) (Min.)	7.0	6.6	6.9	6.5	6.6
pH (Standard Units) (Max.)	7.7	8.2	7.9	7.9	8.0
Phosphorus (mg/L)	2.77	0.16	4.07	4.66	0.27
CBOD (mg/L) [4]	1.00	1.31	1.00	1.16	1.07
TSS (mg/L) [5]	0.30	0.42	0.30	1.32	0.32

[1] Monthly average results from December 2024 to December 2025.

[2] FMB = Fort Myers Beach WRF, FV = Fiesta Village Advaced WRF, GW = Gateway WRF, PI = Pine Island WRF, TO = Three Oaks WRF

[3] Pine Island Nitrogen results are as Total Nitrogen (Nitrate + Nitrite), not Nitrate.

[4] CBOD = Carbonaceus Biochemical Oxygen Demand

[5] TSS = Total Suspended Solids

Glossary of Terms

CBOD	A low CBOD number indicates that there is very little organic waste left in the reclaimed water, which means the water is clean.
Chloride	Naturally occurring salt content is present in all water types.
Milligrams per Liter (mg/L)	The quantity of material present in wastewater, expressed based on the weight (milligrams) per unit volume of solution (liter).
Nitrate (as Nitrogen)	A nutrient that stimulates plant growth and is associated with lush, dark green leaves. Often used as a fertilizer.
pH	A measure of the acidity or alkalinity, with 7 as the neutral value.
Phosphorus	Promotes healthy root development and aids in plant establishment.
TSS	Total Suspended Solids is a measure of how cloudy or clear the water is due to suspended solids.

BENEFITS OF USING RECLAIMED WATER:

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- ***Reduces*** the demand on potable water sources, ensuring sustainability of water resources
- ***Recycles*** water and decreases discharge to the Caloosahatchee River
- ***Beautifies*** the community by enhancing the appearance of landscaping
- ***Enhances*** property values and marketability

FOR MORE INFORMATION REGARDING LCU's
RECLAIMED WATER PROGRAM
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