RECLAIMED WATER QUALITY

Lee County Utilities

2017 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. 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 Each LCU Water Reclamation Facility (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

BENEFITS OF USING RECLAIMED WATER

- 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

Reclaimed Water Quality Analysis for 2017

Inorganic Contaminants	Wastewater Treatment Facility				
	FMB	FV	GW	PI	TO
Chloride (mg/L)	197	158	133	603	126
Nitrate (mg/L as Nitrogen)	7.64	0.039	8.14	46.28	9.13
pH (Standard Units) (Min.)	6.30-8.27	6.50-7.74	7.10-8.25	6.25-8.33	6.63-7.89
Phosphorus (mg/L)	3.75	0.038	Not Tested	6.99	Not Tested

Key: FMB: Fort Myers Beach WRF FV: Fiesta Village WRF GW: Gateway WRF
PI: Pine Island WRF TO: Three Oaks WRF

Glossary of Terms

Chloride Naturally occurring salt content present in all water types

Milligrams per Liter (mg/L) The quantity of material present in wastewater expressed on the basis of 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

FOR MORE INFORMATION REGARDING LCU RECLAIMED WATER PROGRAM

Please contact: Luis Méndez-Santos, E.I.

Telephone: (239) 533-8571

LMendezSantos@leegov.com

Lee County