
VALENCIA TERRACE SERVICE AREA



Valencia Terrace is a water and wastewater system. This system is located approximately 1.0 mile southeast of Fruitland Park on US 441. The Valencia Terrace WTP is located at 3618 Trout Avenue, Fruitland Park, Florida. The WWTP is located at 34205 Black Bass Circle, Fruitland Park, FL. FGUA serves approximately 706 water and wastewater customers within this system.

Water System Summary

The Valencia Terrace WTP is a Category V, Class C Facility with a rated capacity of 42.56 MGY (116,600 GPD).

Water System Components

Distribution system has approximately-

- 9,753 LF of 6-inch pipe
- 3,368 LF of 4-inch pipe
- 4,208 LF of 3-inch pipe
- 51 LF of 2-inch pipe
- 0 fire hydrants.
- One (1) 120/240 Volt, 100 KW Kohler Diesel generator set
- Two (2) public supply wells with one (1) vertical turbine well pump and one (1) submersible well pump
- Water is disinfected by liquid chlorination before it enters the hydro-pneumatic tank
- One (1) 7,000 gallon hydro-pneumatic tank.
- Polyphosphate treatment system

Wastewater System Summary

The Valencia Terrace WWTP is a Category III, Class C “package plant” facility with a permitted capacity of 80,000 GPD. Treated effluent is discharged to a rapid infiltration system consisting of two basins.

Wastewater System Components

- Two (2) equalization basins
- Headworks with bar screen and one (1) flow splitter
- Three (3) aeration basins
- Two (2) clarifiers
- Two (2) digesters
- Two (2) chlorine contact chambers
- Six (6) blowers
- Liquid chlorination for disinfection
- Two (2) rapid infiltration basins

The collection system has approximately -

- 14,941 LF of 8-inch Gravity Main
 - 1,943 LF of 4-inch PVC Force main
 - Three (3) lift stations
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