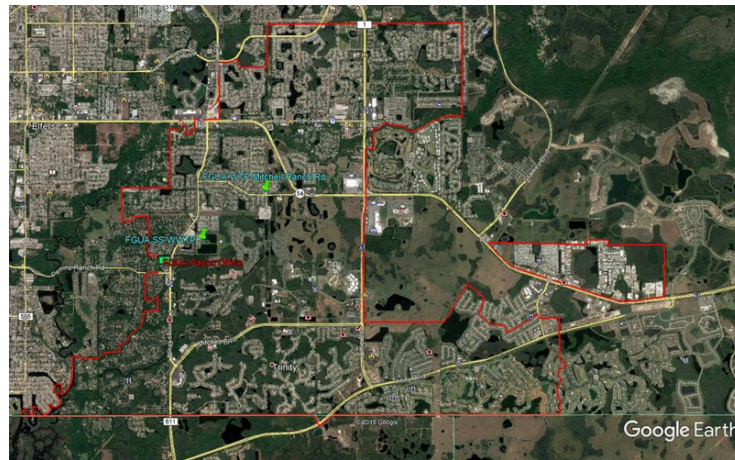

SEVEN SPRINGS SERVICE AREA



Seven Springs is a water and wastewater system. The water treatment plant is located at 7937 Mitchel Ranch Road, New Port Richey, Florida, At Seven Springs, FGUA serves approximately 12,900 water customers and 12,510 wastewater customers.

Water System Summary

The Seven Springs water plant treatment capacity is permitted for 2,289,000 GPD on an average annual daily flow (AADF) basis. The water treatment plant is a Category I Class B facility.

Water System Components

Combined supply, treatment and distribution system consists of approximately the following:

- Seven (7) public potable water supply wells
 - One (1) 75 HP Vertical Turbine Ground water pump
 - Three (3) 40 HP Vertical Turbine Ground water pumps
 - Two (2) 30 HP Vertical Turbine Ground water pumps
 - One (1) 15 HP Vertical Turbine Ground water pump
- Two (2) 75 HP High Service pumps
- One (1) 125 HP High Service pump
- One (1) 100 HP High Service pump
- Three (3) Hydro-pneumatic tanks 10,000 gallons each
- Three (3) Hydro-pneumatic tanks 5,000 gallons each
- One (1) Ground Storage tank 500,000 gallons
- Five (5) Air compressors
- One (1) Blower
- Five (5) Gravity Filters
- Chloramination system for disinfection
- Seventeen (17) Flow meters at various locations
- One (1) 600 KW Diesel driven generator
- Eight Hundred and fifty one (851) fire hydrants
- Seventeen (17) Auto Flushers

Water Distribution System

Approximately 864,979 LF of pipe in the entire system comprising of:

- 13,840 LF of 16 inch pipe
 - 132,292 LF of 12 inch pipe
 - 41,760 LF of 10 inch pipe
 - 273,211 LF of 8 inch pipe
 - 231,206 LF of 6 inch pipe
 - 65,703 LF of 4 inch pipe
 - 33,347 LF of 3 inch pipe
 - 73,290 LF of 2 inch pipe
 - 330 LF of pipe, diameter is not determined
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Wastewater System Components

The wastewater treatment plant is located at 2850 Seven Springs Boulevard, New Port Richey, Florida.

The wastewater treatment plant is a type I modified conventional activated sludge domestic wastewater treatment plant with a permitted capacity of 2.9 MGD on an average annual daily flow (AADF) basis.

Combined treatment and collection system consists of approximately the following:

- One (1) Manual screen and grit removal
- One (1) Equalization tank of 500,000 gallons capacity
- Train 3 South Plant
 - Four (4) Aeration tanks of 625,000 total volume.
 - One (1) Clarifier with a total volume of 105,000 gallons
- Train 1 & 2 North Plant
 - Two (2) Aeration Chambers with a total volume of 650,000 gallons for each train
 - Three (3) Clarifiers with a volume of 191,000 gallons each
- One (1) two bay Chlorine contact chamber with a volume of 47,752 gallons each bay
- Two (2) Diesel fired generators
- Two (2) Disc Filters
- Thirteen (13) Blowers
- Two (2) Compressors
- One (1) Headworks w Mechanical Bar Screen
- Ten (10) Flow meters at various locations
- Two (2) Odor control systems: One (1) at WWTP and one (1) at LS # 33
- Two (2) Percolation Ponds
- One (1) Intermediate lift station with two pumps

Wastewater Collection System

Approximately 827,855 LF of pipe in the entire system comprising of:

- 509,350 LF of 8 inch gravity mains
 - 157,100 LF of force mains, various sizes
 - 161,405 LF of reclaim water mains, various sizes
 - 2,348 manholes
 - Sixty six (66) lift stations
 - One hundred and thirty five (135) sewage submersible pumps
 - Thirty one (31) SCADA systems at lift stations
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