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## SUMMIT CHASE SERVICE AREA



**Summit Chase** is a water and wastewater system. The Summit Chase WTP system is located at the SW corner of Tavares Ridge Boulevard, ¼ mile west of SR 19 and two (2) miles southwest of Tavares. At Summit Chase, FGUA serves approximately 220 water and wastewater customers.

### Water System Summary

The water treatment plant is a Category V Class D facility and has a permitted capacity of 58,000 GPD on an annual average daily flow basis.

### Water System Components

Distribution system has approximately-

- 2,190 LF of 8-inch pipe
- 1,245 LF of 6-inch pipe
- 2,435 LF of 4-inch pipe
- 3,375 LF of 2-inch pipe
- 267 LF of 1-inch pipe
- 7 fire hydrants
- Two (2) public supply wells, one with 10 HP submersible pump and one with 10 HP VT pump 5,500 gallon hydro-pneumatic tank
- Chlorine disinfection system
- One (1) emergency generator, LP Gas powered, 27 KW, 3 pH, 230 Volts

### Wastewater System Summary

Summit Chase wastewater plant is a Category III Class C facility discharging reuse water to a two-cell RIB. The plant has a permitted capacity of 54,000 GPD.

### Wastewater System Components

- 6,040 LF of Gravity Mains
- 220 LF of Force Mains
- One (1) Lift Station
- Thirty one (31) Manholes

The collection system has approximately -

- Nine (9) 6,000 gallon Aeration tanks
  - Two (2) 6,500 gallon Clarifier tanks
  - One (1) 4,000 gallon Aerobic digester
  - One (1) 1,500 gallon Chlorine contact chamber
  - Two (2) Roots 56 Blowers
  - Two (2) Rapid Infiltration Basins (RIBs)
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