
ORANGE HILL & SUGAR CREEK SERVICE AREA



Orange Hill & Sugar Creek Orange Hill/Sugar Creek are a water only system. are located approximately four miles west of the incorporated City of Winter Haven. The FGUA owns and operates a Class C Water Treatment Plant in the Sugar Creek System, and a Class C Water Treatment Plant in the Orange Hills System. The FGUA has one well and one hydro-pneumatic tank providing service at each location. The Orange Hill and Sugar Creek Systems are interconnected. In the event of loss of service at one of the Water Facilities, the other water treatment facility can provide sufficient capacity for both systems. The Orange Hill and Sugar Creek Systems together pump 29,000 gallons per day. The water is treated with free chlorine prior to entering the hydro-pneumatic tanks.

The Orange Hill System serves 178 water connections and the Sugar Creek System serves 67 water connections.

Water System Summary

The Orange Hill WTP and Sugar Creek WTP are Category V Class D Facilities. The Orange Hill and Sugar Creek WTPs have a maximum permitted capacity of 79,400 GPD. Both plants supplement and back up each other.

Water System Components - Orange Hill & Sugar Creek Plants

- 1,890 LF of 6 inch pipe
- 2,509 LF of 4 inch pipe
- 7,091 LF of 3 inch pipe
- 4,555 LF of 2.5 inch pipe
- 2,292 LF of 2 inch pipe
- 0 fire hydrants

Water System Components—Orange Hill Plant

- One (1) emergency generator set
 - One (1) public supply well with Submersible well pump
 - Water is disinfected by liquid chlorination before it enters the hydro-pneumatic tank
 - One (1) 3,000 gallon hydro-pneumatic tank.
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