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## ALOHA GARDENS SERVICE AREA



**Aloha Gardens** is a water and wastewater system. The water treatment plant is located at 3546 Darlington Road, Holiday, Florida. At Aloha Gardens, the FGUA serves approximately 3,100 water customers and 2,810 wastewater customers.

### Water System Summary

The Aloha Gardens plant treatment capacity is permitted for 123,000 GPD on an average annual daily flow (AADF) basis. The water treatment plant is a Category IV Class C facility.

### ALOHA GARDENS Water System Summary

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

- One (1) public potable water supply well
- One (1) 20 HP Submersible well pump
- One (1) Hydro-pneumatic tank 6,000 gallons
- One (1) Air compressor
- One (1) Blower
- Chloramination system for disinfection
- One (1) Flow meter at Well pump
- Forty (40) Fire Hydrants
- Three (3) Interconnections to Pasco County Utilities
  - Interconnect # 1 is at 3700 Gulf Trace
  - Interconnect # 2 is at 4348 Plaza Drive
  - Emergency interconnect # 3 is at 4849 Plaza Drive

### ALOHA GARDENS Water distribution system

Approximately 124,470 LF of pipe in the entire system comprising of:

- 37,010 LF of 8 inch pipe
- 13,263 LF of 6 inch pipe
- 29,777 LF of 4 inch pipe
- 19,415 LF of 3 inch pipe
- 25,005 LF of 2 inch pipe

### ALOHA GARDEN Wastewater System Components

Lift Station # 12 interconnects the wastewater system to Pasco County Utilities for treatment.

### ALOHA GARDENS Wastewater Collection system

Collection system consists of approximately the following:

- Twelve (12) Lift Stations, including two (2) within Tahitian Gardens
  - Five hundred and Forty (540) Manholes
  - Twenty four (24) Sewage submersible pumps, two (2) at each Lift Station
  - Four (4) SCADA systems at Lift Stations
  - 82,660 LF of 8 Inch Gravity Mains
  - 16,870 LF of Force Mains
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