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## PALM PORT SERVICE AREA



**Palm Port** is a water and wastewater system. At Palm Port, FGUA serves approximately 110 water and 108 wastewater customers.

### Water System Summary

The Palm Port WTP is located at 335 East River Road, Palatka, FL, approximately 2 miles northwest of Palatka. The water treatment plant is a Category V Class D facility and has permitted capacity of 21,095 GPD on an annual average daily flow basis permitted by the Florida Department of Environmental Protection (FDEP). The treatment plant's design capacity is 42,917 GPD. The WTP uses hypo-chlorination with aeration for water treatment.

### Water System Components

Combined distribution system consists of approximately the following-

- 340 LF of 1-inch pipe
- 1,765 LF of 2-inch pipe
- 6,145 LF of 4-inch pipe
- 0 fire hydrants
- Three (3) 6,000 gallons each, ground storage tanks
- One (1) 5,000 Gallons hydro-pneumatic tank
- One (1) public supply well, with 3 HP pump
- Two (2) High Service 7.5 HP Pumps

### Wastewater System Summary

PALM PORT WWTP is located at 689 Dog Branch Road, East Palatka, FL. The WWTP is a Category III Class C treatment facility. The plant has a permitted capacity of 0.040 MGD, but is limited to 0.030 MGD due to effluent disposal limitation. The plant uses extended aeration activated sludge treatment process.

### Wastewater System Components

The wastewater system consists of the following-

- 2,560 LF of 6-inch gravity main
  - 5,190 LF of 8-inch gravity main
  - 1,525 LF of force main pipe
  - Two (2) Lift stations
  - Twenty six (26) manholes
  - Two (2) Blowers
  - Eight (8) 5,000 gallon each aeration basins
  - One (1) 78 Sq. Ft. area secondary clarifier
  - One (1) 1,875 gallon chlorine contact chamber
  - Two (2) percolation ponds with a total 39,600 Sq. Ft. area
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