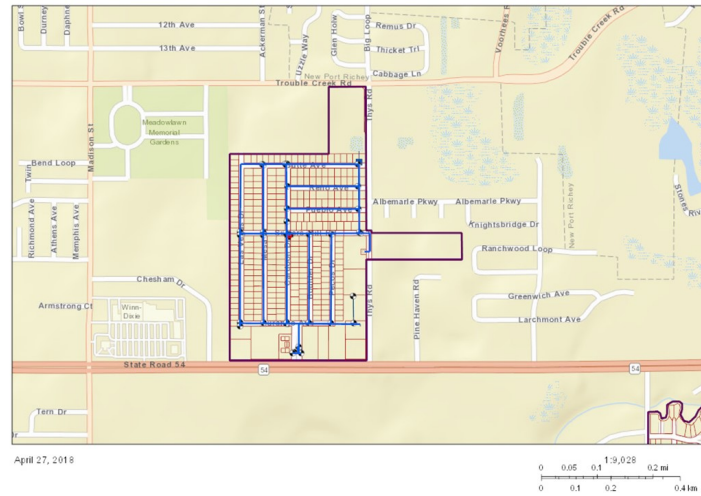


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## VIRGINIA CITY SERVICE AREA



**Virginia City** is a water only system. The system is located on the north side of SR 54 approximately 2.5 miles east of US Hwy 19 in Pasco County. At Virginia City, the FGUA serves approximately 310 water customers.

### Water System Summary

The Virginia City water treatment plant is permitted for 83,000 GPD on an average annual daily flow (AADF) basis with a peak month flow of 109,000 GPD (average daily use during the highest water use month). The WTP is a Category IV Class C plant. Virginia City system has a 6-inch emergency inter-connect with Pasco County Utilities which provides back-up to maintain pressure in the service area.

### Water System Components

Combined treatment and distribution system consists of approximately the following:

- One (1) 5,000 Gallon HPN tank
  - 1,365 LF of 6-inch pipe
  - 4,193 LF of 4-inch pipe
  - 6,180 LF of 2.5-inch pipe
  - One (1) public supply well with a 15 HP submersible pump
  - One (1) fire hydrant
  - Chloramination system for disinfection
  - One (1) Generator 30 KW
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