

# CITY OF ALVIN

## WATER SYSTEM CAPACITY ASSESSMENT

### FAIRVIEW AND DAVIS BEND DEVELOPMENT

DECEMBER 8, 2021

#### LEGEND

- 6" and Smaller Water Line
- 8" and Larger Water Line
- Parcel
- Proposed Development
- City Limit



The existing City of Alvin distribution system hydraulic model shows that the water system has available capacity to serve the requested demand of 41 gpm (maximum day) at the tie-in location shown.

Modeled water system tie-in location

**Note:** This analysis does not reserve capacity in the City of Alvin water system. If demand or capacity is added to the system, then the analysis is no longer valid. This analysis was run utilizing the City of Alvin February 2016 water model.

