



Project photos of Arabian Acres automatic meter installation and connection to distribution system.

Project Description

The Arabian Acres Metropolitan District (District) provides potable water service to the Arabian Acres subdivision and Trout Haven Estates in Teller County. The District currently serves 145 residential and 5 commercial taps for a population of approximately 392 people. The District has trouble providing reliable service with an approximately 40-year-old, poorly constructed distribution system that leaks considerably and lacks adequate flow measurement of potable water delivery.

Through this Automatic Meter Implementation (Project) the District installed an automatic meter reading (AMR) system, new meter pits, installed hardware, a drive-by meter read base station, and software. This Project helped improve the District's operational efficiency by upgrading its water system. The meters help accurately measure the amount of water usage and help quantify the system water loss. In addition to the loan, the District received a DOLA Energy Impact Assistance Fund Grant which resulted in needing approximately 50% of the CWCB loan for project costs.

P R O J E C T D A T A		
<i>Sponsor:</i> Arabian Acres Metropolitan District	<i>County:</i> Teller	<i>Water Source:</i> Groundwater
<i>Type of Project:</i> Water Meter Implementation		<i>Board Approval Date:</i> September 2018
<i>Terms of Loan:</i> 1.85% for 10 years (Original) \$404,000.00 (Final) \$214,459.76		
<i>Design Engineer:</i> AquaWorks DBO, Inc.		
<i>Contractor:</i> Velocity Constructors, Inc.		