

DRINKING WATER STATE REVOLVING FUND



WATER SYSTEM CONSOLIDATION/PARTNERSHIPS

State Program:

Louisiana Drinking Water Revolving Loan Fund

Assistance Recipient:

Sabine Water District No. 1

Project Name:

Ajax-Beulah Water System Consolidation

Initial Agreement Date:

2020



Project Description

This project used an innovative financing program to improve drinking water quality for the 400 residents in the former Ajax-Beulah service area. The raw water from Ajax-Beulah Water Association's active groundwater wells contained high levels of iron, hydrogen sulfide, manganese, and other organics, which are all source water indicators for high disinfection byproducts (DBPs) in drinking water. The water system struggled to meet requirements for DBPs, particularly total trihalomethanes, and often failed to notify the customers of the exceedances.

The Louisiana DWSRF recently created a Consolidation Initiative Program, where well-managed water systems can receive 100 percent loan principal forgiveness (i.e., grant-like dollars) to construct the improvements and extensions needed to absorb failing water systems. **Sabine Water District No. 1 was the first project to take advantage of this new program when they received a \$2.5M DWSRF loan.** The Delta Regional Authority, a framework to promote economic development of the lower Mississippi River and Alabama Black Belt regions, granted the Water District additional funds to remove dead end water mains and create looping in the distribution system, protecting against water stagnation issues. To consolidate the two water systems, Sabine Parish Waterworks District No. 1 installed a new granular activated carbon treatment unit, a ground-level storage tank, a booster station, and chlorination systems, in addition to improved piping, valves, and meters.



**DWSRF Assistance
Provided
\$2.5M**



**Principal
Forgiveness
\$2.5M**

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This case study comes from the [AQUARIUS 2022 Compendium](#).