

~ State Revolving Fund (SRF) Projects Update

Meeting Date: 5/14/2024 Prepared by Rae Bell Arbogast GM

1. Ram Spring Improvement Project (RSIP) Project ID 4600012-008C

This is a continuation of Planning Project ID 4600012-0008P started in 2015 and completed 12/31/2020.

Funding Agreement dated 10/12/2023 ~ Estimated completion date: 2/28/2026 ~

Budget: Up to \$1.5 Million

Primary objective: To reconfigure the Ram Spring Pumphouse and facilities to accommodate and protect the driven pipes that were installed in May of 2017 as part of the planning project.

Other objectives: To build a 12' x16' building at the Ram Spring that can be used as a "sample lab" and to store district tools and records. To upgrade all residential water meters under a special program for that purpose. To update the stand-by generator and pumps that are over 30 years old.

Progress since last board meeting:

- We are still waiting for the letter of approval from the State to get the Bridge loan. ACWD has submitted everything requested and RCAC has approved the loan. The state said that we need their approval before signing the loan docs (even though this is in the original budget on the approved agreement that took four years to get!).
- Scott Woodland our project manager with Coleman Engineering visited the site on May 2nd. They are starting to move forward in anticipation of the Bridge Loan going through.

2. Water Tank Repair Project:

This project is to repair the water tank that was put in service in November of 2018 and that was still under warranty when it failed. This project has two main parts: 1. The warranty repair work, to be completed by the original contractor Thompson Tank (not funded by SRF) 2. The Technical Assistance Request awarded to Coleman Engineering to oversee the repair work. (Funded by SRF)

Status: The job started on April 29th! Most of the tank has been dismantled, the top is not going to be dismantled. They have work to do on the earth below the tank before they can start reassembly.

Coleman engineering is sending up engineers for oversight two to three days a week. The tank crew works four ten hour days per week and Monday is their travel day, so they don't arrive in Allegheny until after noon on that day.

Tank failure timeline Tank put in service Dec. 2018. 1-year warranty inspection done in Jan. 2020 found problem with rusting bolts in floor, bolts repaired in June of 2020. Tank started leaking and failure discovered: 10/30/2021 Tank drained and inspected mid-November 2021. First Technical Assistance (TA) request submitted to State Dec. 2021 and approved in Jan. of 2022 with RCAC as the TA provider. TA report provided in Dec of 2022 concluded electrolysis (dissimilar metals in contact) was the main cause of corrosion but was inconclusive as to cause of sealant failure. Warranty claim letter prepared by ACWD attorney Marsh Burch and submitted to BRCO contractors 3/17/2023. Second TA request approved May 13, 2023 with Coleman Engineering as the TA provider to oversee the repair work. Repair work scheduled for late April 2024 to avoid winter weather.

3. Cathodic Protection Project This project is to add cathodic protection to the water tank that was not included in the original design (other than the coating which was supposed to provide protection). A grant for up to \$125,000 has been applied for under an "Urgent Needs" program also funded by the State Revolving Fund (SRF) and approval has been granted for the first \$110,000. ACWD is responsible for administering this grant (it will go through ACWD's books) but ACWD cannot bill any time or materials. (ACWD has to eat our direct expenses associated with administering and facilitating the project.)

Progress since last meeting.

- Hopefully the Bridge loan (line of credit) will be in place by the time we have our meeting. There has been a lot of "back and forth" for this.
- Coleman Engineering has ordered the parts and they will be delivered to the County Yard for storage until it is time to install them.
- The hope is still to install this during the warranty repair work if the timing works out.

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