

~ State Revolving Fund (SRF) Projects Update

Meeting Date: 5/6/2024 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:

- Status of Bridge Loan: our Division Of Finance Representative finally looked at the letter asking for approval for the bridge loan that was sent on April 23rd. On May 29th we got the following message regarding the letter: "I routed the bridge loan letter for management to approve. There are 5 signatures it has to go to".
- Also, at the end of May I found out that the 2nd disbursement request that I sent on April 3rd should have been emailed and uploaded to the State's FFAST system. After I emailed the 1st disbursement request they told me that it had to be uploaded in FFAST, so I assumed that is how they are submitted. Evidently we have to do BOTH, email and upload, so that request is about two months behind schedule. DARN IT! In July we can submit the 3rd request.
- On May 2nd Edward and I met onsite with Scott Woodland of Coleman and a young engineer named Eli. This was on a day that they were here for the tank repair job.
- I came across a rough drawing that shows both the existing fence line and the proposed new fence line and the parcel boundaries. It is attached.

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 since last meeting: The tank has been almost completely reassembled, but a few side panels were found that needed to be replaced. The new panels arrived on 6/6/2024 at Thompson Tank's facility and they are planning on being back on Monday 6/10/2024. They think that they will be done by Wednesday 6/12/2024.

However, they did do damage to the electrical conduit and wire,s and as of 6/6/2024 ACWD put in a request that they fix it. As of this writing we have not heard back

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.

- The Bridge Loan for this project has been executed!
- The parts are on their way as of this writing (6/6/2024).
- It is looking like Thompson tank might finish before the parts arrive. We will see.

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