



# Board Report

## January 2026

### **Black Canyon City General Manager Report**

In December the General Manager requested the remaining funds from the Water Infrastructure Finance Authority (WIFA) Grant be reallocated from the drilling of Big John Well #3 and be used for the upgrading of the arsenic system(s). The WIFA Board denied the request and instead wanted Black Canyon City Water Improvement District (BCCWID) to apply for a Reallocation of the funds to one or two projects including cost estimates, the need and how much of the remaining funds to be moved to a new project. The application is done and ready for submittal to WIFA with the highest priority to buy and install Well Master Meters on all the wells. This is an ADEQ and ADWR regulatory requirement and is needed to see how much water is produced versus how much water is sold. This is also part of the end of the year Water Report each water system is required to file with ADWR in May of the following year.

The other priority is the repair/rebuilding or replacement of the four altitude valves on the water tanks. The altitude valves use the system pressure to calculate when the tanks are full and shut off the wells when the proper level is reached in the tanks(s). They also signal the well to start running and adding water to the tanks when the elevation is too low. In the past, the previous operators did not fix the altitude valves and ran the wells and tanks manually which led to tanks overfilling and spilling into the neighboring yards and/or allowed the tanks to get too low creating low pressures in the water system.

Of the \$466,300.00 original WIFA Forgivable Loan for the BCCWID, New Well Project, \$320,650.00 has been designated as "forgivable" (or a grant) while the remaining \$145,650.00





remains a 2% interest loan to the district and must be paid back to WIFA over 10 - 20 years. To date the funds spent and reimbursed to the district are \$222,668.97 leaving approximately \$243,631.03.

Staff is working on an Asset Management Program with the Rural Community Assistance Corporation (RCAC). The project, when done by RCAC, would be at no cost to the BCCWID. All new grants require the water system to have an Asset Management Program and a Water Conservation Program to be eligible for funding. The Asset Management Program will also provide the backbone for a Capital Improvement Plan (CIP) and water rates.

The arsenic system media was replaced in December by Arizona Utility Management. The work was completed in November at a total cost of \$61,500.00 with taxes. Savings of \$5,000.00 from the original quote of \$66,500.00 from BIOXIDE/Adage.

Three bids were looked at for addressing the low pressure for the occupants of 19305 E Wyatt. These were the residents who came to the August Board Meeting. Currently the house is tapped off the well line feeding the water tank from Big John Well. The service line needs to be tapped over to the water distribution line after the tank and booster pumps to get the proper pressures. The work was scheduled for November 2025 but was cancelled by WET staff who threatened the contractor if they did not get off the BCCWID Property. The work will be completed the last week in January.

There is a resident who is asking about Chandler Construction's insurance and the work they did on a leak on a service line near the water main. The leak was reported to be at 20145 Wagon Wheel. The correct address is 20101 Camino Del Sol. We have asked for the insurance document from Chandler and received it along with the invoice on October 27, 2025. This is being kept in our records for other possible items from WET.





The transition occurred between WET and Arizona Utility Operations (AUO) on December 1, 2025. The system was left in a bad state and required numerous changes and updates to the operations. There was one air compressor to fill the 7 Hydro Tanks in the system, and it was removed by WET. All the Hydro Tanks were either air bound or waterlogged and not working properly. All the altitude valves at each water storage tank needed repairs/replacement and had not been working for several months. This lack of maintenance allowed water tanks to overfill, not fill at all or allowing the water in the tanks to backflow back into the well and booster stations. Basically, the lack of maintenance and failure of the altitude valves allowed water to be wasted at all tanks and hurt the pressure and flow integrity of the distribution system.

Crews worked on a leak and low-pressure issues in portions of the system December 1, 2025 from 7:00 am through December 2, 2025 at 4:55 pm to correct most of the issues. Crews were called out again to deal with low pressure and a leak on December 3, 2025, and again worked 12 hours to get items fixed.

All the pumps, wells, booster pumps in the system are in need of replacement or major repair. Pumps were leaking, not hooked to the electrical panel or otherwise disconnected from the system. The check valves in the system are either broken or wired in the open position creating reverse flow of the potable water from tanks, booster stations back into the distribution system or into the wells. Electrical panels in the system are dangerous and need to be updated or replaced to ensure we can use the pumps, treatment and other electrical components in the system. We cannot determine the last time the generators were tested, serviced and run with a load.

Many water meters have not been read and/or are “dead” leading to wrong reads, wrong usage and under measuring of the water and underbilling of the water accounts. With no Well Meters and about 50% of the system meters not being read





or not working, it is impossible to know how accurate water usage reports were submitted to ADWR.

The whole system has been neglected for many years. The General Manager will work with the Operators to put together a comprehensive and thorough plan to get the most critical items fixed/replaced prior to the 2026 summer season. The plan will be presented to the Board in late January or early February.

## **Items Reported in the December 2025 Monthly Report**

Training is needed for AUO staff on GPS, InHance, Metron App, etc.

Update Utility Billing Process and Practices.

Develop Utility Billing Manual for conducting monthly billing and disconnects.

Discuss value in reporting with Board.

Discuss 5 – 10 Year Capital Improvement Plan (CIP)

Conduct mandatory Risk & Resilience Assessment (RRA).

Create the mandatory Emergency Response Plan (ERP).

Update and complete the ADEQ required Emergency Operations Plan (EOP).

Track water pumped, sold and unaccounted for water for the 2026 ADWR Report.

## **Updates per Chair Request**

- Update on meter replacement plans/efforts NRWA loan \$200k loan application
- Update on the rate assessment efforts with RCAC (when can we anticipate completion of the recommendations?)
- Update on moving forward with PER – ADEQ's comments regarding funding
- Update on RFQ/RFP for the permanent operations team candidates (the first extension is in February)





## Arizona Utility Operations

- #1- System integrity seems to be good, no serious leaks this month.
- #2- The leak on mesquite was repaired.
- #3- 3 single phase in and 3 phase out VFD's have been ordered. We should be close to upgrading those booster stations soon.
- #4-We discovered some issues with the Schoolhouse tank and have made some repairs. It seems to be working for now.
- #5- I'm still waiting for a quote from Fever controls to bring all the Power supplies up to code at all the facilities.
- #6- All required ADEQ Water Quality Testing has been completed and passed for the month.
- #7-Meter reading is going to be a challenge.
- #8- aQuality excavating is in the process of potholing Wyatte.

*Derek Scott*





## **Operations Report**

### **System Repairs**

Christmas day there was a twofold failure. We lost a booster pump at April site and had a main leak on the east end of mud springs in the wash. Staff were called out and were able to repair the break. Fever Electric was called and was able to change wiring to the booster pump #2. Pump #2 had a leak in the bolted connection, but it ran during the emergency. Staff were able to keep the town in water over the holidays.

The leaking Booster Pump #2 was replaced at the April site. We currently have a new, efficient, non-leaking pump and motor functioning at the site while we wait for the Booster #1 motor to be replaced.

Staff responded to a call of the three (3) inch main leaking in the field near the Post Office. aQuality Excavating dug up the leak and found a very old and compromised galvanized line, staff were able to get a clamp on the pipe and stopped the leak. The old, galvanized 3 inch pipe needs to be replaced or there will be more leaks soon.





Staff found a leak on Mesquite and called aQuality Excavating to come out and excavate the leak. Staff found a 4-inch diameter repair clamp that was not installed properly (the bolts were not tightened). Staff cleaned the area, tightened the bolts

to proper torque and stopped the leak. aQuality Excavating placed AB in the trench until they can make the final repair.

We found most to all the meters that could not be found during first meter reads, several rereads were also done.

We had a second leak on Mud Springs at the dirt driveway. ERC was called and they excavated and found 4-inch pipe which had cracked along the top of the pipe. Staff replaced an eight (8) foot section of bad pipe.

Staff found the chlorinator at Oasis was wired to run all the time. Fever Electric was called out and rewired the power for the chlorinator, so it runs only when the well is running. This will save money on chlorine and power.

Staff have cut weeds from the Oasis Well, repaired the sheet metal roof at the Big John site. Staff have made and placed Well and Pump Log books in all sites with buildings and maintain Well and Pump Logs in the office for all other sites.

The overall health of the system is holding at a good status currently. The tanks are staying between 16 and 21 feet full. April is sustaining a nine (9) foot level, or close to full. Our chlorine residual average is 0.8 ppm.

We have received over 20 Blue Stake requests from Core. We have marked all we have received with Blue Stake Numbers.





The General Manager has registered BCCWID with an account with Blue Stake. This allows the system to receive Blue Stake tickets from the Blue Stake System and close them out properly. This is a requirement for water systems in order to stay in compliance and not be fined or sued for missed Blue Stake requests.

We have received over 100 work orders, many duplicates or unnecessary ones caused by the meter issues. We have completed all that are meter/usage related.

JP Rasco

#### Post Office Line Leak





## Post Office Line Leak





Clamp leaking bolts loose (notice the roots)





### Dead Sensus Meter – Battery Failure



## Our Mission

AT BLACK CANYON CITY WATER IMPROVEMENT DISTRICT, OUR GOAL IS TO PROVIDE SAFE, CLEAN, QUALITY WATER TO ALL OUR RESIDENTS!

