

Water Commissioner Report—April 2022

This report is current through late March 2022.

Water Production

January 2022: 629,405 gallons // above average due to customer leaks
January average: 468,885 gallons
February 2022: 359,205 gallons
February average: 366,343 gallons

The well splits (percentage of water produced by each well) for January and February look good.

Water Leaks

Customer Leaks: Leaks have been noted and repaired at 121, 330, and 960 since the last report.

Distribution System Leaks: The small leak in the standpipe at 1090 will be fixed by NWS in May.

Well House 1 Grid Power Issues

While the well house 1 generator has run a couple of times since PUD 3 replaced two transformers in early January, the issue of the grid not supplying correct three-phase power to the well house seems to have mostly gone away.

Cummins Generators

Legacy Power performed annual servicing of both generators in mid-March 2022. The technician recommended that we get a larger block heater for the booster pump building generator to prevent future low coolant temperature faults.

Cummins made three service calls in February concerning coolant issues.

Service Meters Reading

NWS will read the service meters for Q1 2022 at the end of March.

Water Quality Testing

The January and February coliform tests were negative.

At no charge to TICC, PUD 1 (our former SMA) took PFAS (Per- and polyfluoroalkyl substances) samples at all three wells in March. PFAS is a new test. The results won't be known for about a month. Depending on the results, we might be granted a testing waiver in 2023.

Testing planned for the next reporting period includes the monthly coliform tests and nitrate at all three wells.

Northwest Water Systems (NWS) Work

Our NWS field technician made site visits in January and February 2022. His evaluation of the water system was "All normal, no issues." The field technician checks our water system monthly.

NWS checked the water meter and water connection at 1681 to ensure they are working properly.

Water Commissioner

Made weekly checks of the well houses and recorded well production readings.

Made weekly checks of the generators, noting hours run, engine coolant temp, and any faults.

Monitored the NWS invoices to ensure the charges are correct. Reviewed and filed the NWS monthly site visit reports.

Arranged for and monitored three service calls by Cummins concerning coolant issues in the generators.

Arranged for annual servicing of both generators by Legacy Power.

Arranged for Rognlin's to fix an issue with the concrete floor in the Booster Pump Building. This work is complete.

Replaced the tops in two of the water boxes due to missing meter-observation flaps.

Worked with Patty Mayer on ways to mark the hard-to-find water meters and to add house numbers to the water boxes. This project is ongoing.

Worked with NWS and a homeowner whose water service wasn't working to get service restored.

Provided information to NWS for a water adequacy permit for 460.

Provided a list of possible components to Diane, who is researching alarms and alerts for the generators and well houses that will notify us of performance issues.

Sent out eight training assignments to Board members designed to provide background information needed for future management of the water system.

Continued investigating ways to make the Water System Library files available to the Board.

Next Reporting Period

Work with NWS on providing a plan to replace all three well house pumps. A draft plan was received in March. It needs more details. (May)

Task NWS to restart the now-dormant cross-connection program. (May)

Meet with NWS on contract expectations. (April or May)

Arrange for Triangle Pump or NWS to fix a small drip leak in booster pump 1. The leak was fixed in January but has reappeared. (April or May)

Work with the website team to consolidate and update the Water pages on the TICC web site. (Q2 2022)

Write up a water service handout for new members. (After website update)