

Utilities Monthly Report November 2024

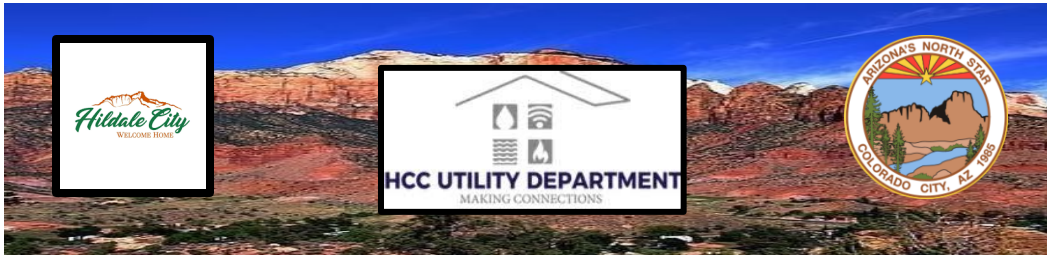
Gas Operations:

Natural Gas

Gas staff delivered and hooked up four (4) new propane tanks for customers. Staff installed 162 feet of two (2) inch gas main line on north Oak Street and Arizona Avenue which will serve two (2) new customers. Staff completed a gas leak survey which is a comprehensive inspection of the gas distribution system where technicians analyze sites for symptoms associated with gas leaks. Surveys are conducted annually to ensure that the system comply with guidelines and regulations. Mitch Jessop conducted an annual Emergency Gas Response training with the Hildale City office staff and the Utility team. We received a letter of acceptance for our annual audit from Arizona Pipeline Safety Commission.



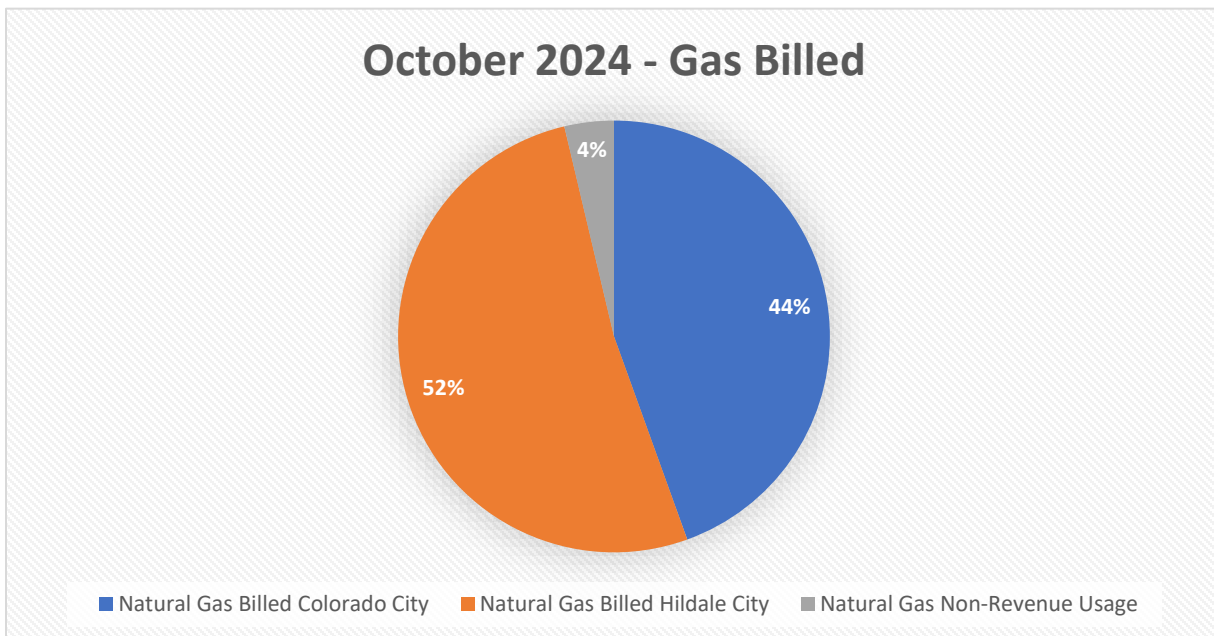
Aerial view of the Hildale Natural Gas Gate Station



Natural Gas billed Colorado City and Hildale City customers for October 2024.

Description	Quantity Billed*	Number of Customers
Natural Gas Purchased	2,001,500	
Natural Gas Billed Colorado City	890,400	185
Natural Gas Billed Hildale City	1,037,100	200
Natural Gas Non-Revenue Usage	74,000	

*Numbers are in Corrected Cubic Feet (100 Corrected Cubic Feet = 1 Therm)



Propane Service

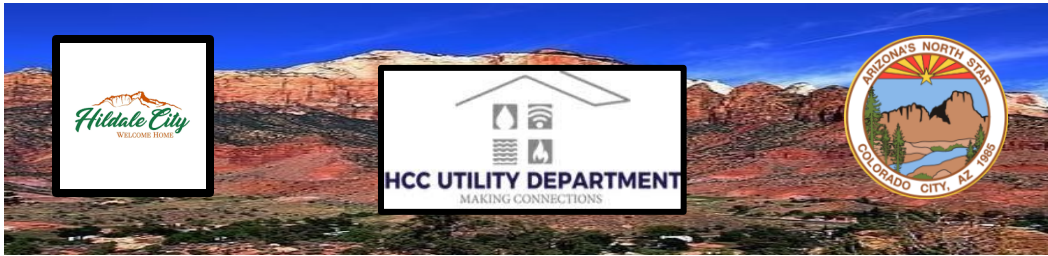
Gas Staff delivered 4,338 gallons of propane to tank customers in October.



Sewer Operations:

The Utility Crew cleaned 1,324 feet of sewer main line this month. Staff attended a Jetting, Nozzle, and Jet Truck Pump Maintenance training in Sandy Utah on October 30th. Staff is preparing for an annual inspection of the wastewater facility. A contract was awarded to Aardvark Underground to construct a building over our Raptor Fine Screen at the Headworks Sewer Treatment Lagoons. This will improve the system by protecting screen and pipes from the elements.





Water Operations:

The Raw Water Line project is over 95% completed and multiple wells on Richard Street have been connected to the new line. Staff winterized the wells. A contract was awarded to A-Team LLC to remodel the bathroom and office at the Water Treatment Plant. The project is in progress. This will improve personal hygiene and the ability to remove contaminated clothing when working at the Water Treatment Plant.

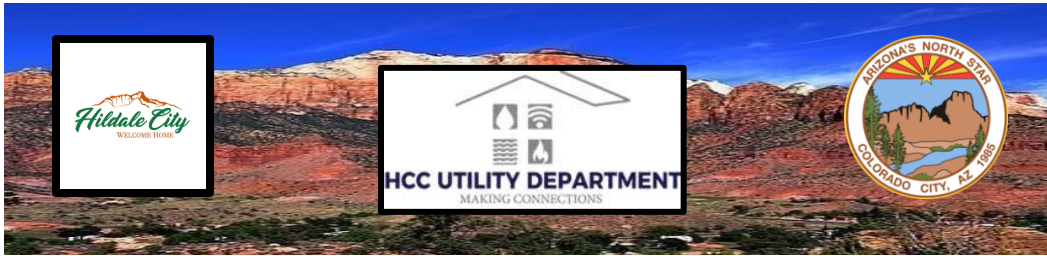




Well 25

The well has been drilled and the casing installed. Energy Services is cleaning the well in preparation for the test pumping.

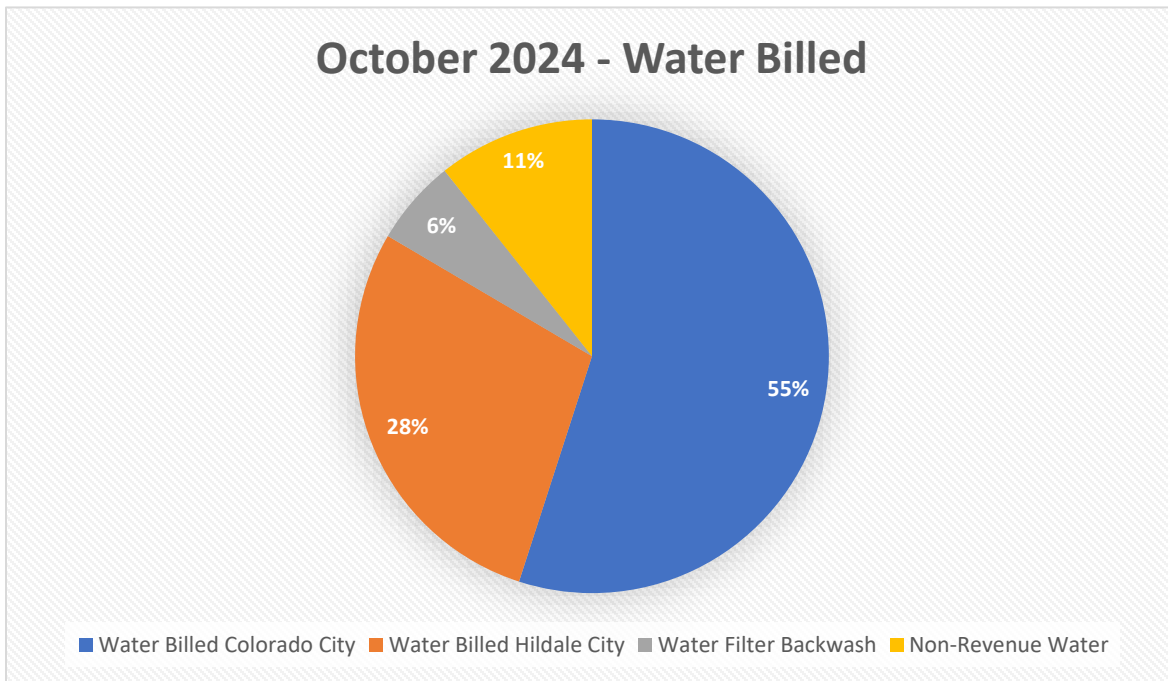




Water billed to Colorado City and Hildale City customers for October 2024.

Description	Quantity Billed*	Number of Customers
Water Produced	38,361,000	
Water Billed Colorado City	21,093,000	809
Water Billed Hildale City	10,928,000	385
Water Filter Backwash	2,240,000	
Non-Revenue Water	4,100,000	

*Numbers are in gallons





Administration:

Work is almost finished on the \$1.4 million Colorado City Mohave County ARPA Grant for Water Improvements. The Raw Water main is installed and is being connected to the system. Well #26 has been completed and is capped until funding is available for the electrical work, pump and motor for the well. The well was test pumped and is estimated to provide between 70 – 90 gallons per minute (gpm) or 100,800 – 129,600 gallons per day. The equivalent of serving about 100 residential houses per day. Well #25, at the Water Treatment Plant site, has been drilled to over 630 feet and the 18” casing installed. The contractor will conduct the Pump Test to see how much water the well can produce, and staff will take the regulatory compliance New Source samples and deliver them to the certified laboratory.

Permitting is still being worked on with our engineer, Arizona Department of Environmental Quality (ADEQ) and Utah Division of Drinking Water (DDW) for the Academy Well and Well #17. Due to a lack of permitting when the original system was installed, the City must provide water blending data to ADEQ and Utah DDW along with receiving the proper permits. In addition, the Water Treatment Plant was not permitted and is now in the process of being permitted through ADEQ and DDW. The permitting work is being done through ADEQ and a Grant from the Technical Assistance program for about \$150,000.00 - \$175,000.00.

Discussions have begun with Centennial Park about the expansion of their Wastewater System and the impact it will have on our current Lift Station and Force Main. The engineering firm has provided a Scope and Fee for the study and staff will reach out to Centennial Park Wastewater to complete the agreement for the combined sewer plan.

WIFA has introduced a new Water Program with a \$2.0 million Grant and up to \$3.0 million Loan. There is a list of projects from the Water Master Plan and from internal reviews which are not Impact Fee eligible to submit for the \$2.0 million grant. The grant does not have a limit for applications/projects and a second application may be submitted.



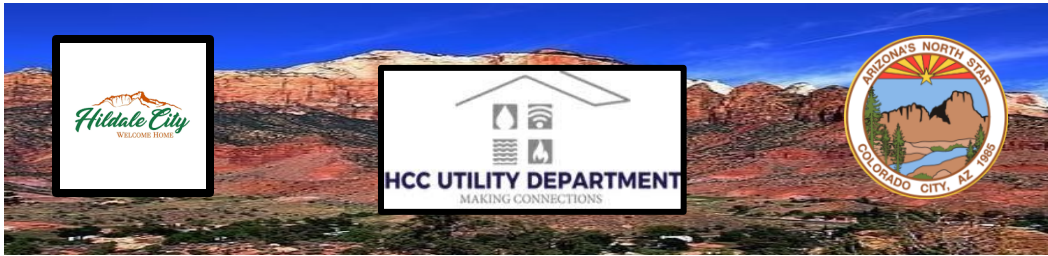
Under the new Environmental Protection Agency (EPA) revised Lead and Copper Rules, the water system had to conduct and create an inventory of the water service lines to each building we serve. The deadline was October 16, 2024, for sending the results to the EPA. Sunrise was hired, through a contract with DDW, as a grant to our Utility Department of \$100,000.00 to set up the inventory criteria and do the work on most of the reporting. Utility staff completed the field verification of over 85% of the service lines for the required survey. The report was submitted to the EPA, by Utilities, on October 9, 2024. This was the first step in the new EPA rule requirements. The next phase will be determined based on the results of the inventory. It is the agency's intent to have all lead removed from water systems by 2030. We have received a Grant for Phase II to cover all the work required. The amount of the grant would be at least \$150,000.00.

PFAS Testing is required quarterly by EPA after the initial testing of our wells showed several having PFAS levels above the Maximum Contaminant Levels (MCL).

PFAS treatment funding from the EPA are available for doing pilot cleaning of the wells which tested positive for PFAS this year. We will work with EPA and DDW to implement the treatment. All costs will be covered by an EPA Grant of at least \$1.0 million.

On August 28, 2024, the Utah Drinking Water Board authorized a construction grant of \$237,500.00 and a loan of \$551,000.00 at 1.73% interest for 30 years to Hildale City for the design and construction of a Pressure Booster Station. We received the letter with the requirements and stipulations for receiving the grant and loan. The Booster Station design has been reviewed by the Utah DDW and was approved last week. With the DDW permit issued, we will have the bid documents completed by our engineer and advertise for the construction of the facility. We anticipate the award of the contract would happen no later than December of 2024.

The next steps are for the City to work with a Bonding Attorney to work with the state to receive funds for the Project and provide clear evidence, through mapping



systems and zoning, the water system mains are in existing roads and easements owned/controlled by the city.

The Stage 3 Water Restrictions were lifted November 25, 2024 after the wells were all connected to the new raw water main going to the Water Treatment Plant.