



**Utility Manager's Report
September & October 2021**

Hildale-Colorado City Utility Department
320 East Newel Avenue, Hildale UT 84784

Mr. Chairman and Board Members:

Operations Summary

Water Department:

The well pads around the new wells 22 and well 4 have been poured. A water main extension on University Ave with a new fire hydrant at the intersection of Oak Street and University has been installed.

With the power outages the need for generators is becoming more apparent, these are included in the proposed upgrade projects.

The crew spent substantial time on our water plant refurbishment project, the new under-drains have been installed. The flow control valves have been disassembled cleaned and reassembled, worn or damaged parts replaced, new stainless-steel pilots have been installed. The piping was pressure washed to remove any old media and iron sludge that had accumulated there. The paint has been touched up on rust spots.

Mitch Jessop, who also is a football coach, brought his team over and helped us load filter media in the filter vessels. We have agreed to sponsor the team for helping us with \$1000.



The filters were cleaned, sanitized, and returned to service. Mayor Allred, Vance and Eric visited the water-plant to see the progress there. I have a quote to replace the media in the east side. The east side filters have a sand based media that we would like to replace with this mineral based media which appears to be a high grade longer lasting media.

In discussing water filter media with Pureflow – water engineers, they have plants using the same media for upwards of 30 years now, the only reason for replacement would be if it was lost somehow, like in our case. This media is a long-term solution for our water treatment system.

Myself and crew are very interested in making the best quality drinking water possible, which I am confident that we can do with this treatment plant and system. We are grateful for your interest, confidence and support in this project.

Sewer Department:

At the Centennial lift station, the old generator is having struggles starting in a power blink.

We have replaced a pump at the Centennial Park lift station, the old pumps have been in for about 6

years. The pump flow has been decreasing, indicating worn impellers. We are looking into rebuilding or replacing the existing pumps. The new pump is one we had on the shelf, was purchased awhile ago, as the lead times are long on imported goods. Some of the electronic control devices were replaced as well. We will need to replace the second pump also. I have asked for a quote but don't have it for this board meeting.

We are looking to run a fiber line to the lift station for better communication on the SCADA system.

The sewer main was extended on Hammon Street for a new development there. The manhole project is ongoing, we are proposing to bring on a couple of temporary laborers to assist in the refurbishment project.

Sunrise has completed a scope of work proposal for the sewer headworks project.

Gas Department:

A gas line was extended on University Ave. We are continuing the Gate Station construction. We are planning on running the control/monitoring cabinet on a small solar package.





Fiber Optic Department:

The public works has obtained a deep ripper tooth for a dozer, which the intention is to make it into a cable plow. This will be a nice addition to our tool kit. Upcoming project will be to extend fiber along Uzona Ave to the sewer treatment plant.

Yours to serve,

Weston Barlow
Certified Utility Manager