



CITY COUNCIL AGENDA ITEM BRIEFING SHEET

Meeting Date: April 23, 2024	Department: Public Works	Presented By: Michelle Guelker
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AGENDA ITEM

Quarterly update from the Public Works Department

PRESENTATION HIGHLIGHTS

Monthly Water Usage*

Month	Well Production Total	Purchased from Fort Worth	TOTAL PRODUCED WATER	Days in Billing Cycle	Average Gallons Per Day
January	13,285,987	7,753,940	21,039,927	30	701,331
February	15,705,632	4,147,000	19,852,632	31	640,407
March	15,368,780		15,368,780	29	529,958
April	16,258,846		16,258,846	31	524,479
May					
June					
July					
August					
September					
October					
November					
December					

* Follows the City’s utility billing cycle, from the 16th of the previous month to the 15th of the month stated. (I have not received Fort Worth billing for March at the time the report was created.)

Effluent Line to Squaw Creek

Last week, the contractor, B&L as well as staff from the City and Jacob and Martin, met to test pump the lift station at the New WWTP. It was found that the pumps had a failure and showed water in the electrical system. In order not to cause damage, it was decided not to test at that point. They did complete the walkthrough of the lift station and effluent line to Squaw Creek.

The pumps were pulled that same day and taken back to the electrician’s shop. When they broke down the pumps, water was found in the housing but because the pumps had not been run, there was no damage located. The plan is to bake the pumps, which will remove any remaining moisture. They will then be put back together and brought back. Once they are refitted into the lift station, we will schedule a time to meet and proceed with the testing portion.

If the pumps test good and B&L completes the punch list, the effluent project will be complete. The current estimated timeline for project completion is May 1.

New Wastewater Treatment Plant

Work began on the new Wastewater Treatment Plant on March 18th.

Gracon crews cleared off the site and estimated the construction entrance into the property. Currently the crew is working on the excavation for the basins.



Road Repair

During the past 3 months, the PW Crew has been working hard to fill potholes. During this time, over 64 tons of cold mix has been put out all over town and there is still a lot left to be done. We will continue to work on them as time allows between other projects and emergencies.

Leaks

Due to recent rains and ground movement, PW crews have worked over 75 leaks in the past 3 months. Most of these have been small leaks (small break or pinhole in the pipe). However there have been 3 major leaks as well, almost always at night or over the weekend.

Crews have also been called out to check for leaks at multiple locations due to standing water or bubbling water surfacing from recent rains.

I want to assure the Council that we have checked all reported leaks and have dug up looking for busted or broken pipes only to find the water coming from the side walls of the ditch or a natural spring coming to the surface.

We will continue to monitor these areas where we are not finding leaks, but water is surfacing, and believe that once the heat of summer sets in, these areas will quickly dry up.