

Public Works Director Report

July 2021

Demand- average daily demand was 426,000 Gallons per Day (G.P.D.)

Total Monthly Production – 13,216,000 gallons

Pumping Capabilities -3.5 Million Gallons per Day (MGD) the daily pumping capability is a combined figure representing the Somervell County Water District's daily pumping capability in addition to the production capabilities of 5 water wells owned and operated by the City of Glen Rose.

- **Water Well #4 Replacement Project**

On February 18, 2021, the city received a letter from the TCEQ acknowledging that the minimum requirements for the construction of the new well have been met. The well is approved for use temporarily, and the continued use of the well is based on the following conditions. Additional chemical analysis performed by TCEQ is required, along with routine tap sampling for lead and copper during two consecutive six-month periods, and water quality parameter sampling (WQP). A new 150' sanitary control easement will be required as well. The additional sampling is considered standard procedures when there is an additional source of drinking water added to a public water system. After successful monitoring with no action level exceedances the water system will be eligible to have a reduced monitoring schedule again.

- **Grand Avenue Lift Station Reconstruction Project**

The Texas Water Development Board (TWDB) issued a letter to the city on January 3, 2021, acknowledging the review, and acceptance, of the contract documents for the lift station project. The pre-construction conference was held at City Hall on Thursday January 14, 2021. A Notice to Proceed letter was issued to Rey-Mar Construction on Monday, January 25, 2021. The estimated number of days for construction completion is 230 days. Rey-Mar Construction began excavation at the project site on Monday, February 22. The excavation proved to be difficult with almost 20' of solid limestone but the 40' target depth has been achieved. The pre-poured bottom, and lower section of the wet-well have been delivered to the job-site and will now be installed and prepped for backfill. There is a manhole being constructed directly across the Paluxy River from the proposed wet-well. A directional bore has been completed from the south side of the river to the new lift station site. However, difficulty with unknown bedrock formation, caused the rock bit to stray horizontally and the intended target was missed. The bore can be salvaged with the addition of a new manhole on the north side of the river. This will require a Change-Order approved by City Council. The City Council approved, Change-Order No.1 documents have been processed and

executed since the July City Council meeting. An updated schedule has been provided by the contractor documenting the changes to the original contract schedule, and contract price.

- **Water Distribution Improvements Project (FBC, East Water Line)**

Day Services, LLC, of Cleburne, Tx., began construction on the water distribution improvements project on December 28, 2020. The new 8" water main, from Tom Rumph Road to West Gibbs has been installed, including new valves, fire hydrants, air relief valves, replacement water taps and services for all of the existing properties on Tom Rumph Road. A pressure test was done on the new water main identifying a couple of leaks that have since been repaired. The most recent pressure test held 150 p.s.i. for over four hours indicating that there are no existing leaks. The portion of the water line improvements project from the east end of Longhorn Drive, to the entrance to Paluxy Summit on CR333, has been completed. An inspection was performed by eHT, city staff members, and Day Services representatives on May 4th. The punch list items have been addressed, including the seeding and re-grading, The final pay application has been processed and the retainage has been released (\$36,198.43).

- **Well #4 100,000 Gallon Ground Storage Tank Replacement Project**

The plans and specifications for the proposed replacement ground storage tank at Well Site No.4 have been completed and were submitted to the Texas Commission on Environmental Quality (TCEQ) for review on Wednesday, January 20, 2021. Included in the submittal were photos of the existing problems, and a letter from the engineer, requesting an expedited review process, due to the nature of the existing situation. On February 19, 2021 Enprotec/Hibbs & Todd received a letter from the TCEQ notifying them of the successful review and acceptance of the plans and specifications that were submitted on January 20th. Bids were accepted at City Hall until March 31, 2021 at 2:30 pm. There was a total of four bids received, opened publicly and read out-loud. City Council awarded the project to Dake Construction at the April meeting and the construction documents have since been signed. A pre-construction conference was completed on Friday June 4th. Dake Construction has prepared the foundation for the new tank, complete with field density tests, and proctors, done by Enprotec, Hibbs & Todd. The steel tank has been fabricated in place by a sub-contractor. The next step will be painting the tank inside and out, scheduled to begin the week of August 2nd. This process will take approximately two weeks to complete.

- **Spanish Oak Trail & Hilltop Drive Water Line Improvements Project**

This project is currently in the design phase with Enprotec/Hibbs and Todd. *The existing section of 10" a/c water line that was recently identified along Hereford Street (from the 700 block of Hereford Street to City Well Site No.3 near Tom Rumph Road) has been added to the scope of work for this water line improvements project. The project engineers have had their survey crew surveying the job-site during the first week of August.*

- **Hwy 67 East & CR 303 Wastewater Collection System Improvements Project**

Sealed bids were accepted at City Hall until May 18, 2021. A total of seven bids were accepted. The bids were opened publicly and read aloud. FM Utilities, LLC was the lowest qualified bidder with a bid of \$472,840.51. City Council awarded the contract to FM Utilities, LLC at the April meeting. A Notice of Award letter has been submitted to FM Utilities along with contract documents. The executed contract documents have been received and the pre-construction conference was held on July 1st at City Hall. A notice to proceed has been issued dated July 12, 2021. The number of calendar days for substantial completion of the project was set at 120 days. The required final completion date is October 29, 2021. After the Notice to Proceed letter was issued, it was discovered that there was a shortage of sewer pipe available to the contractors. Therefore we have had a delay in the project start date. The pipe has since been delivered (on Monday August 2nd) to the job-site and mobilization of equipment and other materials have begun.

MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING GROUNDWATER SOURCES
OR ARE PURCHASING TREATED WATER FROM ANOTHER PUBLIC WATER SYSTEM

PUBLIC WATER SYSTEM NAME: City of Glen Rose

PWS ID No.: 213000

Report for the Month of: July 2021

Number of Active Service Connections this Month: 1283

WATER PRODUCTION						
Pumpage to storage and distribution X 1000 Gals						
Date	From Wells Directly to Distr.	From Wells to Storage Tanks	Purchased Water Directly to Distr.	Purchased Water into Storage	From SWTP or GWUDI Plant	Total Daily Production
1		454		0		454
2		312		0		312
3		334		0		334
4		370		0		370
5		473		0		473
6		390		0		390
7		407		0		407
8		456		0		456
9		371		0	1	372
10		459		0		459
11		483		0		483
12		418		0		418
13		418		0		418
14		488		0		488
15		478		0		478
16		435		0		435
17		497		0		497
18		424		0		424
19		362		0		362
20		327		0		327
21		414		0		414
22		440		0		440
23		430		0		430
24		471		0		471
25		478		0		478
26		476		0		476
27		533		3		536
28		486		0		486
29		531		0		531
30		478		0		478
31		537		0		537
Total		13,212		4		13,216
Avg						426
Max						537
Min						312

Any additional information you wish to provide: _____

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Operator's Signature: [Signature]

Date: 7-31-21

Certificate No. and Class: C-2 Wg0015747