

Public Works Director Report

April 2023

Demand- average daily demand was 394,000 Gallons per Day (G.P.D.)

Total Monthly Production – 11,826,000 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.

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

The water line improvements project was advertised for four weeks, and the bids were opened and read aloud on Wednesday, January 4th at 2:00. Enprotec/Hibbs & Todd checked references and presented a bid tabulation, and recommendation of award letter to City Council at the January 10th meeting. The project was awarded to Excel 4 Construction, LLC with a total bid amount of \$767,882.00 at the January 10th City Council meeting. A pre-construction conference was completed on Tuesday, March 14, 2023 at City Hall. Chris Hay (eHT), Sara Tankersley (Public Management), two representatives from Excel 4 Construction, and I were in attendance. Due to the undetermined lead time on pipe, fittings, etc., a date of notice to proceed, and a required final completion date have not yet been determined. The contractor has been instructed to inform the engineer with an update for the submittals, as soon as possible, so the dates can be determined. The contractor has been informed that excellent communication is expected by the citizens and staff members throughout the duration of the project. Especially, planned service interruptions, and street/driveway closures. A draft copy of written notices will be provided for city staff to review before being distributed to citizens. *A notice to proceed letter with contract dates for starting work, and dates for substantial/final completion has not yet been issued to the contractor. The engineer has received submittals for materials, but supply chain issues continue to be the hangup.*

- **Valleyview Street Reconstruction Project**

Start Date: Aug.22, 2022/Final Completion Date: March 31, 2023

Bids for this project were accepted until 10am, on July 26, 2022. A total of four bids were received and opened publicly. The low bidder is Talbran Enterprises, LLC (3245 W. Main Street, Suite 235-523, Frisco, Tx. 75034), with a base bid amount of \$464,919.63, and an additive alternate bid amount of \$74,972.05, for a total contract amount of \$539,981.68. The contract was awarded to Talbran Enterprises at the August 9th City Council Meeting. A

pre-construction conference was completed on August 18th. Demolition of the existing concrete street began on August 22nd. The final completion date was set for December 12, 2022, although it can change with documentation of rain days. The concrete curb and gutters have been completed, along with the driveway approaches. The road-base has been installed. The concrete drainage flumes will be installed this week. Once the concrete has cured, the final grade will be prepared for the application of tack coat, and asphalt pavement. The paving portion of the street improvements project has been completed. There are some areas of the pavement that are being reviewed by our engineer, the general contractor, and city staff. A site visit with all parties was completed on March 20, 2023. It was determined that the finish work is unsatisfactory. The general contractor has agreed to return to the Valleyview Project to make the needed improvements. A schedule has been requested. Until the repair work has been completed, re-inspected, and approved by Chris Hay, the unpaid balance (\$42,119.44) will not be released to the contractor. The construction of the retaining wall, and final clean-up of the yards have been completed. The contractor has not yet returned to make the needed corrections to the pavement portion of the project. I reached out to him on Monday, May 1st. He is planning on completing the project by the end of this month.

- **Rock Ridge Estates Sub-Division**

City staff continue to monitor and inspect daily, the construction of the proposed infrastructure in the Rock Ridge Estates Sub-division, ensuring that the improvements are installed, or constructed in accordance with the engineered plans and specifications provided by the developer, and reviewed and approved by Enprotec/Hibbs & Todd. The retaining walls have been completed in Phase I of Rock Ridge. With that being said, the retaining walls over 4 ft.in height were not constructed in accordance with the approved engineered drawings. Because of that, a signed letter of approval from the developers' engineer was required before acceptance of Phase I. A final walk-through inspection was completed in Phase I of Rock Ridge on Friday, October 30th. After one of the recent rainfalls, it was noticed by city staff that a portion of one of the new retaining walls is leaning forward severely. The developers' engineer has been notified, as well as the developer. City staff believes that no building permits should be issued for the affected lots until the problem is resolved. The developer has recently hired a contractor to complete the unfinished portions of Phase I. City staff have been communicating the expectations, and needs that will be met before a letter of acceptance is issued for Rock Ridge Phase I. The section of retaining wall that was being rebuilt incorrectly was demolished on Monday, April 3rd. Another short section will be demolished once the sub-contractor is mobilized. The 8" water main has been re-routed below the proposed retaining wall to match the original plan set. A short section of concrete street paving will be finished along the frontage of Lot No.11. Once these items

have been completed, a maintenance bond (for Phase I only) will need to be provided to the city, by the developer. The city will then be able to issue a letter of acceptance for Rock Ridge Phase I. Tony's Concrete has started construction on the replacement concrete retaining wall. So far, so good. The workers had a plan set on site, and the work is being done in accordance with the plans.

- **Rosewood Addition (Phase II)**

City staff continue to inspect the construction of the proposed infrastructure in the Phase II portion of the Rosewood Addition. This phase is 12 lots and includes drainage improvements, water, sewer, and concrete paving. The water, sewer, and concrete street paving have been completed in Phase II of the Rosewood Addition. The short portion of underground storm drain, and small detention pond have been completed, as well.

- **TxDOT- Safe Routes to School/Transportation Alternatives Project 2023**

Interim City Administrator McKethan, and I met with Jeremy Dooley (TxDOT Engineer) on Tuesday, April 4, 2023 to discuss the TxDOT Safe Routes to School/ Transportation Alternatives Project 2023 (sidewalk project) scope of work. Jeremy has suggested that we eliminate a portion of the original scope of work, due to the lack of existing City Right-of-Way along Holden Street, Gaither Street, and Grace Street. Another valid reason for adjusting the scope of work is the rising cost of materials vs. limited funding. He has vowed to help the city go after other grant monies in the future to complete any portions of sidewalks that do not get constructed with this project. This project would include an ADA compliant sidewalk along the south side of Hwy 67, from Mary Lynn Dr. (DQ) to Holden Street (Red Barn), an improved crosswalk near the Hwy 67/Hereford St. intersection, sidewalks along portions of Stadium Drive, Mary Lynn Drive, Walker Street, and Hereford Street. TxDOT representatives have hired a consultant/engineering firm to assist, and design the project. There has been difficulty in determining the width of some of our city streets. City staff was asked to help identify the existing R.O.W. on all portions of the sidewalk project along city owned R.O.W. We have reached out to Enprotec/Hibbs and Todd for their services to retrieve that data.

- **Well No.6 Paluxy Summit**

In February 2023, we began experiencing some electrical problems with the water well located in Paluxy Summit. An electrician with Wallace Controls determined that our problem was located down in the well. Pollock Water Well Drilling & Services pulled the well on Tuesday, April 4th. Multiple problems were discovered. There was a hole in the side of one joint of 4" pipe causing the water to lose siphon once the well was turned off. The wire that runs from the controls in the well house to the motor/pump down in the well overheated

and a 10' section was completely burned up about 300' down in the well. The airline that accompanies the electrical wire down in the well was damaged as a result of the wire getting too hot. The pump and motor were sent off to Ft. Worth to be tested. The electric motor could not be salvaged, but the pump tested good, only losing less than 10% efficiency since being reset in 2005 (213 gpm). The new replacement motor, and well pump was reset on Friday, April 7, 2023. The well was put back into service on Friday the 14th.

- **Well No.4 Bryan Street**

On April 20, 2023, the SCADA System notified city staff of a "well failure alarm" at Well Site No.4 on Bryan Street. After multiple, unsuccessful attempts were made to reset the overloads, an electrician was notified. The electrician identified that the problem was down in the ground. Pollock Water Well Drilling & Services pulled the well on Friday 28th. They believe that the well took a direct hit of lightning causing damage to the wire, and the motor. The motor and pump were sent in for testing. The electric motor, of course was fried. The pump tested 30% off of the curve. At 100% it should pump 230 GPM. While testing, it was producing 150-170 GPM. It was decided to purchase a replacement well pump, and motor. The well pump was reset on May 3rd. A bacteriological water sample was collected on Friday, May 5th. Once we receive notice from Bio-chem Lab., the well will be returned to service.

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.:

2130001

Report for
the Month of:

April 2023

Number of Active Service

Connections this Month:

1340

Date	WATER PRODUCTION					Total Daily Production
	From Wells Directly to Distr.	From Wells to Storage Tanks	Purchased Water Directly to Distr.	Purchased Water into Storage	From SWTP or GWUDI Plant	
1		354		70		424
2		349		67		416
3		447		77		524
4		319		65		384
5		294		63		357
6		298		50		348
7		313		65		378
8		331		71		402
9		431		62		493
10		271		74		345
11		324		64		388
12		313		12		325
13		377		0		377
14		402		0		402
15		489		0		489
16		419		0		419
17		426		0		426
18		383		0		383
19		357		106		463
20		244		211		455
21		219		186		405
22		214		209		419
23		150		181		331
24		325		13		338
25		348		35		383
26		318		27		345
27		310		20		330
28		301		7		308
29		326		13		339
30		404		28		432
31						
Total		10053		1773		11826
Avg		335.1		59.1		394.2
Max		485		211		524
Min		150		0		308

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:

Certificate No. and Class:

Date:

April 2023