

Public Works Director Report

March 2023

Demand- average daily demand was 447,000 Gallons per Day (G.P.D.)

Total Monthly Production – 13,862,000 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**

This project is currently in the design phase with Enprotec/Hibbs and Todd. eHT has provided the preliminary/planning information to Public Management (grant consultant) so they can perform the environmental clearance and grant documentation. City staff met with Chris Hay on Thursday May 5, 2022 to review and discuss the preliminary plans. Once the plans have been reviewed/approved by TxDOT, the final plans will be completed. The water line improvement project will then be advertised for bids. TxDOT is currently reviewing the plans, and coordinating with Enprotec/Hibbs & Todd. Two letters were sent to TxDOT on August 24, 2022. One is a formal request for an exception to 43TAC Rule 21.37(b)(3) due to the topography of the Highway 67/FM 56 intersection where we have a 10" water main crossing. The other is a formal request to abandon the existing 10" water line in the right-of-way of FM 56. Both will need approval for permitting. TxDOT has finally approved both requests mentioned above. 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.

- **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.

- **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.

- **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. There is a short portion of underground storm drain, and a small detention pond that have not been completed yet.

- **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.

- **Technical Workgroup TxDOT SH144 (bypass)**

Emmanuel Navarro, TxDOT Project Manager for the new SH 144 bypass project has scheduled a workgroup meeting at the TxDOT Maintenance Office on Wednesday, April 12, 2023. The purpose of the meeting is to discuss the updated design and progress of the TxDOT project. A Public Meeting is expected to be scheduled by TxDOT sometime near the end of May, 2023.

- **2023 Fire Hydrant Flow Testing/Maintenance**

Texas Fire Hydrant Maintenance, LLC has completed the flow testing, flushing, data entry, and maintenance assessment for 2023. This service is crucial to our annual ISO rating.

- **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 has 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 replacement motor has been received already, and the pump will be reset on Friday, April 7, 2023.

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:

march 2023

Number of Active Service

Connections this Month:

1337

| 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 | | 0 | | 407 | | 407 |
| 2 | | 0 | | 345 | | 345 |
| 3 | | 0 | | 336 | | 336 |
| 4 | | 0 | | 377 | | 377 |
| 5 | | 0 | | 368 | | 368 |
| 6 | | 69 | | 468 | | 533 |
| 7 | | 67 | | 392 | | 453 |
| 8 | | 0 | | 405 | | 405 |
| 9 | | 0 | | 399 | | 399 |
| 10 | | 36 | | 498 | | 534 |
| 11 | | 0 | | 524 | | 524 |
| 12 | | 0 | | 482 | | 482 |
| 13 | | 0 | | 563 | | 563 |
| 14 | | 53 | | 430 | | 483 |
| 15 | | 0 | | 421 | | 421 |
| 16 | | 0 | | 398 | | 398 |
| 17 | | 0 | | 437 | | 437 |
| 18 | | 0 | | 396 | | 396 |
| 19 | | 0 | | 506 | | 506 |
| 20 | | 48 | | 396 | | 444 |
| 21 | | 30 | | 385 | | 415 |
| 22 | | 36 | | 484 | | 520 |
| 23 | | 57 | | 468 | | 526 |
| 24 | | 54 | | 359 | | 413 |
| 25 | | 0 | | 439 | | 439 |
| 26 | | 0 | | 432 | | 432 |
| 27 | | 0 | | 413 | | 413 |
| 28 | | 0 | | 385 | | 385 |
| 29 | | 0 | | 455 | | 455 |
| 30 | | 50 | | 459 | | 509 |
| 31 | | 440 | | 99 | | 539 |
| Total | | 930 | | 12932 | | 13862 |
| Avg | | 30 | | 417 | | 447 |
| Max | | 440 | | 524 | | 539 |
| Min | | 0 | | 99 | | 336 |

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: M. H. 822

Date: 4-1-2023

Certificate No. and Class: WS0015132 B