

Public Works Director Report

January 2023

Demand- average daily demand was 371,000 Gallons per Day (G.P.D.)

Total Monthly Production – 11,516,000 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. There will be a pre-construction conference before a Notice to Proceed is issued to Excel 4 Construction. The conference will likely be sometime during the week of February 20th.*

- **Standpipe No.5 Paint Project**

Estimated Start Date: Nov.28, 2022/Estimated Completion Date: Jan.16, 2023

The painting project has been completed. The contractor disinfected the interior of the tank as per AWWA Standard C652-02, chlorine method No.3 prior to the tank being filled. Water samples were collected and analyzed on January 13, 2023. The standpipe was placed back in service on January 16, 2023.

- **Valleyview Street Reconstruction Project**

Start Date: Aug.22, 2022/Final Completion Date: March 1, 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 weather has caused some problems with the paving schedule. The Vista Ridge portion of the project has been completed, as well as two sections of pavement on Valleyview Street (about 50%). There are two remaining sections that have not been paved. The road base has to dry and set before paving. The groundwater seeps for days near the edge of the project, not allowing the road base to harden. We are currently discussing possibly doing some cement stabilization along the edges of the street where the water is seeping in. This will be an additional cost as its not in the scope of work identified in the contract documents but I think it will minimize the chances of the street failing prematurely due to “soft spots” under the pavement. We are currently negotiating with the contractor on pricing for the additional work.

- **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. Several building permits for the construction of new homes have been issued for unaffected lots in Phase I. A 70' long portion of the leaning, concrete retaining wall was demolished on January 4th. Another portion was later torn down the following day. I am unaware of the developers plan of action. **Inspector Dennis McKenzie has inspected the existing wall and provided the city with his assessment. The developer has agreed to halt construction on the section being re-built until an engineer assesses the situation.**

- **Stoneview Sub-Division**

City staff have been inspecting infrastructure improvements that are being done at the Stoneview Sub-Division off of Longhorn Drive. The required improvements must be completed before the sub-division will be considered for formal acceptance by the city. **City staff met with the Stoneview development team on Friday, January 6th, to discuss a Letter of Acceptance for Stoneview (Phase I), and maintenance bond requirements.**

- **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.

- Meeting scheduled with Mark McCasland to discuss upcoming revisions to the TCEQ lead and copper rule. Mark works with the TCEQ to provide technical assistance to small cities (free of charge) under 10,000 population. The meeting is scheduled for January 17, 2023 at 9AM. The Lead and copper Rule Revision (LCRR) compliance deadline is October of 2024. Collectively the EPA, and TCEQ are now going to require additional documents and plans to be prepared, supplementary sampling and revised sampling procedures, lower sample result thresholds, removal of lead bearing materials, and pro-active "find and fix" approach. This will take some time to accomplish so we will begin the process asap. **The meeting on January 17th went well. All of the maintenance staff were in attendance. A lot of questions were answered and we were left with an excel spreadsheet with all of the water customer connections already listed. The spreadsheet was developed by the TCEQ so all of the required data is identified on the spreadsheet. This will be a work in progress.**



1/13/2023

City of Glen Rose, TX
5001 Texas Drive
Glen Rose, TX 76043

RE: Completion of Water Storage Tank Renovation

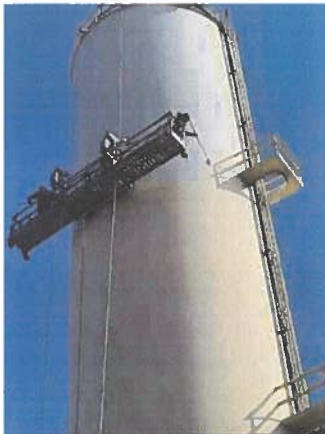
Jim Holder

Maguire Iron, Inc. is proud to confirm the completion of your water storage tank project. The Glen Rose, TX 300,000 gallon water storage tank was completed on 1/11/2023.

The work completed includes:

1. The interior lining was sandblasted to SP-10 standard. A 3-coat system was applied of one coat of Zinc, a stripe coat of Epoxy, and two full coats of Epoxy at a combined thickness of 10.5-15.5 Mils.
2. The exterior lining was powerwashed to SP-12 standard. All areas where coating was failing were cleaned using power tools to a SP-3 standard. A 2-coat system was applied of one coat of Epoxy, and one coat of high-performance Polyurethane Coating at a total thickness of 4-8 Mils.
3. Tank was disinfected using AWWA Method #3.
4. Existing vent was removed and replaced with a new 24" Fail Safe Vent along with a 24" Fan Flange.

Below are pictures of the progress from start to finish.





Thank you for entrusting us to perform this important work and partnering with you to help deliver clean water to your customers. We look forward to delivering The Maguire Iron Difference on projects for you in the future. If you have any questions, please let us know.

Respectfully,

Rafael Balayan

Rafael Balayan
Maguire Iron

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:

January 2023

Number of Active Service

Connections this Month:

1326

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		374		0		374
2		410		0		410
3		387		0		387
4		137		174		311
5		422		11		433
6		404		1		405
7		354		0		354
8		396		0		396
9		452		0		452
10		379		0		379
11		393		0		393
12		431		0		431
13		417		0		417
14		381		0		381
15		411		0		411
16		342		0		342
17		474		0		474
18		359		0		359
19		361		0		361
20		306		0		306
21		334		0		334
22		369		0		369
23		329		0		329
24		343		0		343
25		312		0		312
26		335		0		335
27		383		0		383
28		323		0		323
29		368		0		368
30		316		0		316
31		329		0		329
Total		11331		186		11516
Avg		365.5		6		371.4
Max						
Min						

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: 1-31-23

Certificate No. and Class:

W60015747