

## Public Works Director Report

April 2025

*Demand- average daily demand was 463,000 Gallons per Day (G.P.D.)*

*Total Monthly Production – 13,911,000 gallons*

- **Glen Rose Condominiums (behind Baymont Inn & Suites)**

A developer is planning to develop this unique property. An extensive drainage study has already been provided by Barron-Stark Engineering, and reviewed by Chris Hay. The study proved that development of the property will not negatively impact any properties downstream. There is an existing sewer main running through the property that is currently scheduled for an upgrade in size from 10" to 15". This work will need to be completed before the development. City staff, Chris Hay, and the development team have been discussing the best possible scenario to upgrade the utilities without holding up the development of the property. We have discussed the possibilities of a development agreement allowing the developer to incur the initial costs for construction and then be reimbursed by the city once the project has been completed. The civil plans for the development have been issued to the city for review and comments. Chris Hay has completed the civil plan review and provided comments for the developers engineer. Once the comments have been addressed a pre-construction meeting will be scheduled. **A pre-construction meeting has not yet been scheduled.**

- **Well No.3 - Well No.5 Ground Storage Tank Replacement Project**

**Contract Effective Date 8/29/2024 Target Completion Date 5/26/2025**

The plans were submitted to the TCEQ for design review on March 14th. The TCEQ provided written approval for construction of the two ground storage tanks on May 13, 2024. The project is currently being advertised for competitive bids. Bids will be accepted at City Hall until 2:30pm on July, 11, 2024 and then opened publicly. The bid was awarded at the July 23<sup>rd</sup> City Council Meeting to TTE, LLC as the lowest, qualified bidder, with a bid amount of \$1,211,170.00. A pre-construction meeting was completed on August 28<sup>th</sup> at City Hall, and a Notice to Proceed was issued with an official start date of August 29, 2024. The engineer has received some of the submittals from the contractor to ensure that the proper products are used and the materials are within the specifications of the engineered plans. Once the submittals have been reviewed and approved by Chris Hay, the contractor will order the products. The dirt work began October 21<sup>st</sup>. The foundation for both tanks have been completed. The steel tanks have been fabricated in place at both well sites. Both tanks have been primed and painted. The Variable Frequency Drive Controls have been installed at Well

No.3, and Well No.4. The electrical conduits have been installed for the SCADA controls at each new Ground Storage Facility. Next, the underground piping will be installed. Once the pipes are leak tested, and acceptable bacteriological sample results have been received, the new tanks will be filled. The existing galvanized tanks will then be removed.

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

A detailed application for TxDOT's 2023 Transportation Alternatives Call for Projects was completed and submitted to TxDOT on June 5, 2023. The project description is scoped to construct 1.76 miles of accessible sidewalks along Mary Lynn Drive, Stadium Drive, Walker Street, Holden Street, Shepard Street, US67, and FM56. Sidewalks will be 5' wide and 4" thick. The design work is being handled by a TxDOT consultant. The project did make its scheduled August 2024 bid date. There was a good volume of bids submitted. Most bidders came in below the engineers estimate. The sidewalk construction began in early December along the 400 block of S.W. Big Bend Trail. The crew will be continuing east from there along the highway with the more time-consuming area of the project with retaining walls. The sidewalks along Mary Lynn are currently being constructed. Stadium Drive, Nancy Drive, and Walker will follow.

- **Capital Improvement Plan Update/Impact Fee Study**

The Capital Improvements Plan update is nearing completion. Once the draft plan has been completed, Chris Hay will present the draft plan to city staff for review. City Council will then need to review and possibly approve the plan. The updated plan will be used in the development of impact fees. I received the revised DRAFT CIP from eHT, along with a tentative schedule for the Impact Fee Study. I have attached the tentative schedule for your information. An "Impact Fee Study Kick-Off "meeting was completed on Wednesday May 7<sup>th</sup> with Chris Hay (eHT), and Angie Flores (Raftelis).

- **Texas Community Development Block Grant (TxCDBG) Project**

This grant was applied for back in January of 2023 through Public Management, Inc. (Jake McAdams). The CDBG is administered by the Texas Department of Agriculture. The city was awarded \$500,000 to be utilized on drainage, and street improvements, specifically on the south side of the Paluxy River. The CDBG requires a \$25,000 match from local funds. The project scope will include re-construction of a portion of Clay Street, Webster Street, and Third Street, complete with new curb and gutter. The construction plans and specifications have been completed. Atmos Energy has been given an opportunity to review the plans before the street improvements begin. This will allow any old gas lines to be replaced, and any conflicts to be resolved before the street re-construction project begins. After coordinating with Atmos Energy, it appears that there are existing underground gas lines that will be in conflict with the

street re-construction project. Because the gas lines are dated and too shallow, the lines will need to be replaced before the street re-construction project begins. We have agreed to yield to Atmos until early Spring of 2025. The plan is to advertise for acceptance of formal bids in late February- early March 2025. I have confirmed with Public Management that this proposed timeline will not jeopardize the grant funds. Atmos Energy has completed construction in the area where street construction will be taking place. City Council approved ML Contracting as the contractor for the CDBG Street Improvements Project. Freeman-Millican, Inc. will be preparing the Notice of Award letter, as well as the Contract Documents. The contract has been executed. A pre-construction meeting was completed on April 24th. The mobilization of equipment and materials will begin this week.

- **Well Site No.2 Pump Station Improvements**

Enprotec/Hibbs & Todd have begun the design work for the pump station improvements at Well Site No.2. The improvements will allow continuous use of the groundwater well enabling the system to be much more reliable. Also, upon project completion, this project will allow operators to fill the standpipe at Well Site No.4 (Bryan Street) from two different groundwater sources, in the event of a well failure, or if a ground storage tank is taken out of service. I met with the electrical engineers at Well Site 2, on Monday August 5<sup>th</sup>, to discuss proposed pump types, locations, and options for upgrading the electrical service to comply with the existing codes. A lot of things have changed since 1954, when the original water well was drilled. Now would be a great time to bring everything into compliance, not just the new equipment. This will increase the project cost. A geotechnical investigation was recently started at the jobsite. The field work was completed in late February. We are expecting the written report with conclusions and recommendations of the investigation.

- **TWDB EDAP Grant @ GR Wastewater Treatment Facility**

The TWDB has reviewed and approved the last phase of improvements to be completed at the wastewater treatment plant. The project is currently being advertised for bid acceptance, scheduled for opening on January 16<sup>th</sup>. Attached to this report is an approval letter from the TWDB identifying the included improvements. Bids were opened and read aloud at City Hall on Thursday January 30<sup>th</sup>. The lowest apparent bidder was A&V Water at \$664,181.93. Once eHT have completed their review of the references provided by the contractor, a recommendation of award letter will be provided to the city, along with the bid tabulation. Currently, we are waiting for the bonds from the contractor. The contract documents have been executed. A preconstruction meeting was completed on April 30<sup>th</sup>. A Notice to Proceed letter will now be issued to A&V Water.

- **N.E. Barnard Street Sidewalk Project**

P.E. Carlos Aguilar from Freeman-Millican, Inc. provided a contract for engineering services for the N.E. Barnard Street sidewalk project (Grace St. to Big Rocks Park). The contract has since been executed, and the project area has been surveyed by Freeman-Millican, Inc. on May 7<sup>th</sup>-8<sup>th</sup>. I met with Carlos Aguilar on Wednesday, July 17<sup>th</sup> to discuss the sidewalk plans that were provided. Obviously, the further away from the edge of Barnard Street we can be, will be safer for everyone. This project is not going to be completed in the timeline that Carlos originally predicted. We will work hard to move things along as quick as we can. Sidewalk easements will be needed for several properties. The easement surveys, and exhibits have been completed by Freeman Millican, Inc. The easement documents have been completed by the attorney, and are ready to be presented to the property owners. Once the property owners have signed the agreements, the documents will be filed with Somervell County. The job will then be advertised for bid acceptance. I am having some difficulties getting the easement agreements signed. Several of the properties have structures that sit close to the street, so some owners are not sure that they want a sidewalk that close to their home. **This project has been awarded to ML Contracting. A Notice of Award letter has been issued, and the contract documents have been executed. All of the needed sidewalk easements have been obtained. The contractor will begin mobilizing this week.**

**FYI...**

- **Downtown sidewalk renovation will resume on the north side. (weather permitting)**
- **All of the faulty lights at the top of the water tower have been replaced, and were under warranty.**
- **The Water Conservation Plan Annual Report has been completed and submitted to the Texas Water Development Board.**
- **The annual Water Loss Audit has been completed and submitted to the Texas Water Development Board. This year the TWDB has implemented a new rule and the audit will have to be validated by TWDB staff. This will be a process requiring input from utility billing, PW staff, and administration.**

# 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 2025

Number of Active Service Connections this Month: \_\_\_\_\_

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		501		1		502
2		395		0		395
3		416		0		416
4		401		0		401
5		373		0		373
6		447		0		447
7		430		0		430
8		454		0		454
9		442		0		442
10		513		0		513
11		464		0		464
12		451		0		451
13		650		0		650
14		497		0		497
15		556		0		556
16		498		0		498
17		470		0		470
18		464		0		464
19		446		0		446
20		434		1		435
21		437		2		439
22		447		0		447
23		427		0		427
24		405		0		405
25		449		0		449
26		514		0		514
27		511		0		511
28		458		0		458
29		482		0		482
30		448		0		448
31						
Total		13907		4		13,911
Avg		463		0.13		463
Max		650		2		650
Min		373		0		373

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: \_\_\_\_\_

Date: 4-30-25

Certificate No. and Class: 2-C W60015747

WASTEWATER TREATMENT PLANT LOG

EPA ID # TX0033316  
 PERMIT # WQ0010177001

WWTF Name:

City of Glen Rose

Month/year:

April-25

Chief Operator :

Lance Powell

Day	Time	Final Effluent Flowmeter (X100)	Final Effluent (MGD)	Golf Course Flowmeter (X100)	Golf Course Effluent (MGD)	Total Effluent (MGD)	Inst. (GPM)	Staff Gauge (Inches)	PH	Time C12 Sample Collected	Time C12 Sample Analyzed	Chlorine Res. Before Correc.	Mn Correc.	Chlorine Res. After Correc.	Chlorine Free (min. 0.5)	Chlorine Feed Rate (lbs / Day)	Chlorine Available (lbs)	Chlorine Used (lbs)	Blower Filter Check (Wkly)	Temp. of	Weather Condition	Rain In.	Oper Inlt.	
	EOM #	651343		508577																				
1		651516	0.017	510709	0.213	0.231																		
2		651636	0.012	512871	0.216	0.228																		
3		651714	0.008	514958	0.209	0.217																		
4		651766	0.005	517248	0.229	0.234																		
5		651821	0.006	519628	0.238	0.244																		
6		651865	0.004	522512	0.288	0.293																		
7		651878	0.001	525544	0.303	0.305																		
8		651891	0.001	528465	0.292	0.293																		
9		651917	0.003	531633	0.317	0.319																		
10		651933	0.002	533631	0.200	0.201																		
11		651938	0.001	536035	0.240	0.241																		
12		651941	0.000	539516	0.348	0.348																		
13		651948	0.001	543115	0.360	0.361																		
14		651948	0.000	544438	0.132	0.132																		
15		651958	0.001	547015	0.258	0.259																		
16		651958	0.000	549983	0.297	0.297																		
17		651958	0.000	552526	0.254	0.254																		
18		651958	0.000	555489	0.296	0.296																		
19		652218	0.026	557568	0.208	0.234																		
20		652835	0.032	560098	0.253	0.285																		
21		652745	0.021	562387	0.229	0.250																		
22		652921	0.018	564737	0.235	0.253																		
23		653156	0.024	566924	0.219	0.242																		
24		653498	0.034	568849	0.193	0.227																		
25		660248	0.675	569299	0.045	0.720																		
26		664964	0.472	569299	0.000	0.472																		
27		669980	0.502	569299	0.000	0.502																		
28		672582	0.260	569299	0.000	0.260																		
29		674229	0.165	570981	0.168	0.333																		
30		675482	0.125	573095	0.211	0.337																		

Total Flow: 8,865,700  
 Average Flow: 295,523

Golf Course Min: 0.000  
 Golf Course Max: 0.360  
 Creek Min: 0.000  
 Creek Max: 0.675

Write Comments on Back

Operator:

TOTAL GALLONS PUMPED TO GOLF COURSE  
 APRIL 2025 - 6,451,000