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## Public Works Director Report

August 2024

*Demand- average daily demand was 583,000 Gallons per Day (G.P.D.)*

*Total Monthly Production – 18,079,000 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**

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.**

- **Lead Service Line Inventory**

**We have been working hard to complete the Lead Service Line Inventory (LSLI) by the October 16, 2024 deadline. This requires a lot of man hours in the field to gather accurate information at every water service connection in the water system, needed for the inventory spreadsheet.**

- **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 final design will have to meet the approval of the TxDOT Area Engineer for compliance. All of the sidewalk easements have been secured and filed with Somervell County. The required documentation has been provided to TxDOT so that the grant funds are not jeopardized. **The project did make its scheduled August 2024. There was a good volume of bids submitted. Most bidders came in below the engineers estimate. The bid has not yet been awarded. I have been advised that the award process takes a couple of months and it will likely be sometime in October. The TxDOT Area Office has hired a Construction Inspection Engineering firm (BGE, Inc.) to assist on the field inspections during construction. Once the project has been awarded, TxDOT will notify the city.**

- **Groundwater Study (Start Jan.19, 2024 Expected Completion Sept.19, 2024)**

Enprotec/Hibbs and Todd will be sub-consulting with RW Harden & Associates. The desktop analysis has begun, but the field work will not take place until sometime this summer. The final report is expected to be completed by mid-September. City staff accompanied Kaleigh Nuyttens (RW Harden & Associates) to all 5 City well yards for site visits on July 18<sup>th</sup>. Since then, on August 1<sup>st</sup>, Santos and I attended a TEAMS meeting with Kaleigh and her team to nail down the proposed well head modifications at each, individual well site, to accommodate the aquifer testing plan that they have devised. We will be scheduling well testing dates for each site once the modifications have been completed. **Orders have been placed for the appropriate flow meter, and pipe fittings that will be needed to discharge water from the pump rooms. Once these are delivered the field work will be scheduled.**

- **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.

- **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.**

- **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. I have asked for an expedited opinion of probable construction cost.

- **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. However, it will likely be that we will need easements from property owners, as well as relocating various utility poles. 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. Kevin Taylor and I met with Carlos Aguilar on August 22nd to discuss the progress of the Barnard Street sidewalk project plans. The plans and specifications have been completed and the project is ready to advertise for acceptance of sealed bids. Now that the plans are complete, we will apply for a TxDOT permit for any areas of sidewalk constructed on the TxDOT right-of-way. Sidewalk easements will be needed for several properties. Those easement surveys are being coordinated by Freeman Millican, Inc. The portion of sidewalk being paid for by the SCWD will *not* be included in the City of Glen Rose project scope of work. Kevin Taylor has elected to keep the SCWD portion of the sidewalk project separate, and construction began on that portion on September 3<sup>rd</sup>.

### FYI...

- We have two employees that were hired through KP Staffing temp agency the week of August 19th. If everything works out well, we will have an option to bring them on as full-time employees after 90 days.
- I have interviewed an additional candidate and hopefully he will begin working on Monday, September 9<sup>th</sup>.
- TxDOT Area Engineer, Sarah Horner, notified me that a School Zone will be installed along Hwy 67, near the Stadium Drive area. Initially, the TxDOT traffic study did not recommend a school zone primarily because there were no pedestrians observed during the study period. After consulting with Superintendent Overbo, it was decided that TxDOT would review the study. The school zone signage and safety features are currently being designed.

## Controlling Project ID

(All)

BID RANK	VENDOR NAME	BID ITEM TOTAL COST	Avg. ENGINEER'S ESTIMATE (incl. A+B)	% Over/
EE	TxDOT Engineer's Estimate	\$1,628,621.00	\$1,628,621.00	0.0%
1	GARRET SHIELDS INFRASTRUCTURE	\$1,348,858.00	\$1,628,621.00	-17.2%
2	RISE UP CONSTRUCTION LLC	\$1,387,926.80	\$1,628,621.00	-14.8%
3	TALBERT COMPANIES LLC	\$1,396,733.33	\$1,628,621.00	-14.2%
4	TI-ZACK CONCRETE, LLC	\$1,398,638.92	\$1,628,621.00	-14.1%
5	PROJECT ALLIED RESOURCES, LLC	\$1,433,654.58	\$1,628,621.00	-12.0%
6	ENCINO LANDSCAPE, INC.	\$1,499,997.98	\$1,628,621.00	-7.9%
7	FNH CONSTRUCTION, LLC	\$1,926,850.00	\$1,628,621.00	18.3%

# 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: August 2024

Number of Active Service Connections this Month: 1421

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		547		0		547
2		535		1		536
3		507		0		507
4		545		0		545
5		514		0		514
6		652		0		652
7		544		0		544
8		604		0		604
9		432		0		432
10		584		0		584
11		593		0		593
12		548		0		548
13		728		0		728
14		539		0		539
15		658		0		658
16		602		0		602
17		572		0		572
18		601		0		601
19		560		0		560
20		758		0		758
21		580		0		580
22		688		0		688
23		585		0		585
24		640		0		640
25		656		0		656
26		554		0		554
27		542		0		542
28		508		0		508
29		590		0		590
30		496		0		496
31		555		0		555
Total		18077		2		18079
Avg		583		0.06		583
Max		758		1		758
Min		432		0		432

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: \_\_\_\_\_

Certificate No. and Class: \_\_\_\_\_

WASTEWATER TREATMENT PLANT LOG

EPA ID # TX0033316  
 PERMIT # WQ0010177001

WWTP Name:

City of Glen Rose

Month/year:

August-24

Chief Operator :

Lance Powell

Day	Time	Final Effluent Flowmeter (X100)	Final Effluent (MGD)	Golf Course Flowmeter (X100)	Golf Course Effluent (MGD)	Total Coarse Effluent (MGD)	Inst. (GPM)	Staff Gauge (Inches)	PH	Time C12 Sample Collected	Time C12 Sample Analyzed	Chlorine Res. Before Correc.	Chlorine 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 (w/ky)	Temp. °F	Weather Condition	Rain In.	Oper Int.	
	EOM #	444806	0.226	117171	0.000	0.226																		
		447070	0.233	117171	0.000	0.233																		
		451866	0.247	117171	0.000	0.247																		
		454516	0.265	117171	0.000	0.265																		
		456878	0.236	117171	0.000	0.236																		
		459454	0.258	117171	0.000	0.258																		
		461665	0.221	117171	0.000	0.221																		
		463991	0.233	117171	0.000	0.233																		
		466233	0.224	117171	0.000	0.224																		
		468931	0.270	117171	0.000	0.270																		
		471362	0.243	117171	0.000	0.243																		
		473904	0.254	117171	0.000	0.254																		
		476597	0.269	117171	0.000	0.269																		
		479030	0.243	117171	0.000	0.243																		
		481550	0.252	117171	0.000	0.252																		
		484077	0.253	117171	0.000	0.253																		
		486811	0.273	117171	0.000	0.273																		
		489694	0.288	117171	0.000	0.288																		
		490852	0.116	117171	0.000	0.116																		
		492298	0.145	118631	0.146	0.291																		
		493360	0.106	120130	0.150	0.256																		
		494508	0.115	121773	0.164	0.279																		
		495165	0.066	123890	0.212	0.277																		
		495777	0.061	125899	0.201	0.262																		
		496374	0.060	127862	0.196	0.256																		
		496921	0.055	129855	0.209	0.264																		
		497453	0.053	131878	0.192	0.246																		
		497979	0.053	133758	0.188	0.241																		
		498534	0.056	135747	0.199	0.254																		
		499069	0.054	137714	0.197	0.250																		

Total Flow: 7,480,600  
 Average Flow: 249,353

Golf Course Min: 0.000  
 Golf Course Max: 0.212  
 Creek Min: 0.053  
 Creek Max: 0.288

CL2 Min: 0.00  
 CL2 Max: 0.00

Write Comments on Back

Operator:

TOTAL FLOW TO SOUTH VALLEY - AUG. 2024  
 2,054,000 GALLONS