Public Works Director Report

September 2024

Demand- average daily demand was 457,000 Gallons per Day (G.P.D.)

Total Monthly Production – 13,718,000 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 23rd 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 28th 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.

- **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 bid date. 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 18th. Since then, on August 1st, 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. The flow meter, and fittings have been received, and assembled. We are currently waiting for the schedule to begin testing.

- **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 ***DRAFT CIP*** on Thursday October 3rd.

- **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 5th, 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 7th-8th. I met with Carlos Aguilar on Wednesday, July 17th 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 3rd.

FYI...

- We have hired two new employees in Public Works. We now have 6 people, and a Maintenance Supervisor.
- A portion of the existing sidewalk on the south side of the square will soon be repaired. The goal is to have it completed before the upcoming Wine Festival. The contractor will begin working this Monday evening.
- The Prairielands Groundwater Conservation District have been visiting each well site to collect data from every city water well. The equipment is set up at each well site for a day. Once the data has been collected, the information will be shared with the city.

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: September 2024 Number of Active Service Connections this Month: 1426

	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		528		0		528
2		430		0		430
3		415		0		415
4		359		0		359
5		452		0		452
6		359		0		359
7		441		0		441
8		517		0		517
9		534		0		534
10		519		1		~~511~~ 520
11		476		0		476
12		529		0		529
13		465		0		465
14		553		0		553
15		529		0		529
16		507		0		507
17		575		0		575
18		477		0		477
19		536		0		536
20		536		0		536
21		447		0		447
22		515		0		515
23		383		0		383
24		411		0		411
25		385		0		385
26		464		0		464
27		429		0		429
28		494		0		494
29		537		0		537
30		453		0		453
31						
Total		13717		1		13718
Avg		457		.03		457
Max		575		1		575
Min		359		0		359

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: Jed Wells Date: 10-1-24

Certificate No. and Class: WG0012979

TCEQ - 0811 (DRAFT 7-4-06) GW-PWMC

EPA I.D # TX0033316

WASTEWATER TREATMENT PLANT LOG

PERMIT # WQ0010177001

WWTP Name: City of Glen Rose **Month/year:** September-24 **Chief Operator :** Lance Powell

Day	Time	Final Effluent Flowmeter (X100)	Final Effluent (MGD)	Golf Coarse Flowmeter (X100)	Golf Coarse Effluent (MGD)	Total Effluent (MGD)	Inst. (GPM)	Staff Gauge (Inches)	PH	Time Cl2 Sample Collected	Time Cl2 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. °F	Weather Condition	Rain In.	Oper Init.
	EOM #	499625		139726																			
1		499841	0.022	141655	0.193	0.215																	
2		500808	0.097	143927	0.227	0.324																	
3		501439	0.063	146090	0.216	0.279																	
4		502307	0.087	149099	0.301	0.388																	
5		502841	0.053	151118	0.202	0.255																	
6		503392	0.055	153190	0.207	0.262																	
7		504068	0.068	155623	0.243	0.311																	
8		504762	0.069	157475	0.185	0.255																	
9		505041	0.028	159508	0.203	0.231																	
10		505513	0.047	161434	0.193	0.240																	
11		506003	0.049	163360	0.193	0.242																	
12		506482	0.048	165228	0.187	0.235																	
13		506972	0.049	167201	0.197	0.246																	
14		507591	0.062	169558	0.236	0.298																	
15		508124	0.053	171541	0.198	0.252																	
16		508568	0.044	173168	0.163	0.207																	
17		509036	0.047	175018	0.185	0.232																	
18		509568	0.053	176970	0.195	0.248																	
19		510065	0.050	178837	0.187	0.236																	
20		510525	0.046	180582	0.175	0.221																	
21		511039	0.051	182530	0.195	0.246																	
22		511602	0.056	184214	0.168	0.225																	
23		511939	0.034	185936	0.172	0.206																	
24		512922	0.098	188984	0.305	0.403																	
25		513418	0.050	190908	0.192	0.242																	
26		513913	0.050	192856	0.195	0.244																	
27		514431	0.052	195011	0.216	0.267																	
28		514855	0.042	196942	0.193	0.236																	
29		515491	0.064	199334	0.239	0.303																	
30		515950	0.046	201144	0.181	0.227																	
31			-51.595		-20.114	-71.709																	

Total Flow:	-63,935,100	Golf Course Min	-20.114	CL2 Min:	0.00
Average Flow:	-2,062,423	Golf Course Max	0.305	CL2 Max:	0.00
		Creek Min	-51.595		
		Creek Max	0.098		

Write Comments on Back Operator: _____

TOTAL GALLONS TO GOLF COURSE

SEPT. 2024 - 6,142,000 GALLONS