

Public Works Director Report

November 2024

Demand- average daily demand was 402,000 Gallons per Day (G.P.D.)

Total Monthly Production – 12,081,000 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 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. *The dirt work began October 21st. The foundation for both tanks have been completed. The steel tanks have been fabricated in place at both well sites.*

- **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. I attended a TEAMS meeting with TxDOT, and multiple contractors on November 14th. The bid has been awarded and construction is scheduled to begin this month. The TxDOT Area Office has hired a Construction Inspection Engineering firm (BGE, Inc.) to assist on the field inspections during construction.

- **Groundwater Study (Start Jan.19, 2024 Expected Completion Dec.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. The field testing has been completed at Well Sites 3, 4, and 5. I am currently waiting for the written report from RW Harden & Associates.

- **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. After reviewing the draft plan, there was one project that was overlooked and needs to be added to the plan before City Council review and possible approval.

- **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 is scheduled to begin utility work in November. The installation of new gas mains and services are scheduled for completion before the new year. The bid advertisement for the street and drainage improvement project will be advertised once the gas line project is substantially complete.

- **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. 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.

- **Heritage Park/Soccer Park**

Public Works crews have been replacing burned out light bulbs, repairing damaged fixtures, replacing electrical outlets, and other general maintenance at both parks. All-Clean Soft-Wash have been working to remove the black mold/mildew from the exterior of the rock structures (entrances, bathrooms, pillars, etc.). There are several areas at the Soccer Park that appear to have been left overgrown. We will be working on cleaning those areas and plan to maintain them consistently like the rest of the property.

FYI...

- Zachery Nance was hired as a full-time employee for Public Works, from KP Staffing temp agency.
- 10 street lights were reported to TNMP for repair.
- 9 street lights were reported to United Co-op for repair



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: November 2024

Number of Active Service Connections this Month: 1436

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		400		0		400
2		384		0		384
3		419		0		419
4		357		0		358
5		601		0		602
6		350		0		350
7		388		0		388
8		364		0		364
9		390		0		390
10		437		0		437
11		460		0		460
12		408		0		408
13		380		0		380
14		437		0		437
15		426		0		426
16		319		0		319
17		488		0		488
18		341		0		341
19		426		0		426
20		343		0		343
21		393		0		394
22		372		0		372
23		401		0		401
24		452		0		452
25		353		0		354
26		432		0		432
27		385		0		385
28		367		0		367
29		392		0		392
30		412		0		412
31						
Total		12,077		4		12,081
Avg		402.5		.133		402.7
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: *Sanjiv*

Date: 11-30-24

Certificate No. and Class: W60015747

WWTP Name:

City of Glen Rose

WASTEWATER TREATMENT PLANT LOG

EPA ID # TX0033316
 PERMIT # WQ0010177001

Day	Time	Final Effluent Flowmeter (X100)	Final Effluent (MGD)	Golf Course Flowmeter (X100)	Golf Course Effluent (MGD)	Total Effluent (MGD)	Inst. (GFM)	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 Int.		
																								EOM #	
1		540957	0.024	250285	0.204	0.227																			
2		541191	0.023	254491	0.217	0.240																			
3		541461	0.027	256548	0.206	0.233																			
4		541740	0.028	258508	0.196	0.224																			
5		542015	0.028	260537	0.203	0.230																			
6		542175	0.016	262897	0.236	0.252																			
7		542317	0.014	264835	0.194	0.208																			
8		542515	0.020	266788	0.195	0.215																			
9		542615	0.010	268941	0.215	0.225																			
10		542844	0.023	271242	0.230	0.253																			
11		542935	0.009	272792	0.155	0.164																			
12		543058	0.012	274734	0.194	0.207																			
13		543189	0.013	276703	0.197	0.210																			
14		543586	0.040	278500	0.180	0.220																			
15		545479	0.189	278500	0.000	0.189																			
16		547632	0.215	278500	0.000	0.215																			
17		549623	0.199	278500	0.000	0.199																			
18		549761	0.014	280717	0.222	0.236																			
19		549919	0.016	283198	0.248	0.264																			
20		550067	0.015	285952	0.275	0.290																			
21		550233	0.017	288233	0.228	0.245																			
22		550353	0.012	292671	0.444	0.456																			
23		550472	0.012	301249	0.858	0.870																			
24		550596	0.012	303604	0.236	0.248																			
25		550694	0.010	305963	0.236	0.246																			
26		550789	0.010	309543	0.358	0.368																			
27		550917	0.013	313192	0.365	0.378																			
28		551028	0.011	316555	0.336	0.347																			
29		551173	0.015	318699	0.214	0.229																			
30		551332	0.016	321515	0.282	0.298																			

Total Flow: 8,184,000
 Average Flow: 272,800

Golf Course Min: 0.000
 Golf Course Max: 0.858
 Creek Min: 0.009
 Creek Max: 0.215

CL2 Min: 0.00
 CL2 Max: 0.00

Write Comments on Back

Operator:

Chief Operator: Lance Powell

NOVEMBER 2024
 TOTAL GALLONS OF EFFLUENT WATER TO GOLF COURSE
 7,124,000 GALLONS