

Public Works Director Report

June 2024

Demand- average daily demand was 483,000 Gallons per Day (G.P.D.)

Total Monthly Production – 14,985,000 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. The Notice of Award was signed by the Mayor, and delivered to eHT for processing. Once the contracts have been executed, a pre-construction meeting will be scheduled.**

- **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. I received an email from Noah Heath (TxDOT Transportation Alternatives Program Manager) on July 21, 2023 notifying us that the

Texas Transportation Commission approved additional federal funding for our sidewalk project at their July 11th meeting. The additional funding amount is \$710,765. 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. Currently, the project is divided into two separate scopes. The first will be a new highway crossing at the intersection of Hereford and Big Bend Trail. The plans are 100% complete for that scope, with the let date scheduled for April 2024. The Safe Routes to School (SRTS) scope of work plan set is currently 95% complete, and is scheduled for 100% completion on April 1, 2024, with a let date of August 2024. The proposed Easement Agreements have been submitted to the GRISD, and Interbank for review, and possible approval. The oversized utility pole that was recently erected in the dead center of the existing sidewalk at the intersection of S.W. Barnard/Hereford St., will not be relocated. This is the exact location where the upcoming sidewalk project terminated. There was an ADA ramp scheduled to be in that location. The engineer will be re-designing the ramp to accommodate the TNMP utility pole. 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. This project is scheduled, by TxDOT, to be advertised for acceptance of competitive bids in August 2024.

- **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.**

- **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. I received an update from Kristen Boswell (Public Management) on May 24th. The environmental review has been completed and the TDA grant funds should be released for use in the coming weeks. The engineer is preparing the bid documents and we should be able to bid the project out as soon as we get the final clearance from TDA. **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.**

- **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.

FYI...

- We have received a Letter of Resignation from Drew Wilson. His last day with us will be Friday, August 16th. He has been with the city for 12 years, and has been an asset to City Maintenance.
- We have reached out to KP Staffing to secure some general laborers asap to fill two positions while we are short staffed.
- I have secured contact information for a company located in Granbury that is prepared, and qualified to assist with water, and sewer related maintenance in the event that city staff get overwhelmed with daily work, and small projects. I am considering this only as a back-up plan.
- I am meeting with Oller Engineering, Inc. next Wednesday to discuss a new rule being implemented by the TCEQ. The deadline for compliance to the new Lead and Copper Service Line Compliance is fast approaching, October 16th, 2024. I must have a detailed list of every water connection in our water system (1500+ services). Every connection will be listed, complete with material type on city side of meter and customer side, GPS location, meter Model No., year service was installed, year model of construction, type of construction, etc. We have been working on this but running out of time and help.

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: July 2024

Number of Active Service Connections this Month: 1414

Date	WATER PRODUCTION					Total Daily Production
	Pumpage to storage and distribution X 1000 Gals					
	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		560		0		560
2		587		0		587
3		571		1		572
4		658		0		658
5		412		0		412
6		467		0		467
7		501		0		501
8		378		0		378
9		454		0		454
10		596		0		596
11		388		0		388
12		456		0		456
13		565		0		565
14		538		0		538
15		567		0		567
16		550		0		550
17		418		0		418
18		446		0		446
19		411		0		411
20		406		0		406
21		436		0		436
22		394		0		394
23		405		0		405
24		397		0		397
25		388		0		388
26		531		0		531
27		475		0		475
28		490		0		490
29		489		0		489
30		548		0		548
31		507		0		507
Total		14,984		1		14,985
Avg		483		0.03		483
Max		658		1		658
Min		378		0		378

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: 8.1.24

Certificate No. and Class: W60012979

WASTEWATER TREATMENT PLANT LOG

EPALID # TX0033316
 PERMIT # WQ0010177001

WWTP Name: City of Glen Rose Monthly/year: July-24 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.	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 Inrt.	
	EOM #	364981		112390																			
1		367545	0.256	112390	0.000	0.256																	
2		370255	0.271	112390	0.000	0.271																	
3		373246	0.299	112622	0.023	0.322																	
4		375238	0.199	113240	0.062	0.261																	
5		377555	0.232	114952	0.171	0.403																	
6		379813	0.226	115983	0.103	0.329																	
7		381275	0.146	117151	0.117	0.263																	
8		383623	0.235	117151	0.000	0.235																	
9		386482	0.286	117151	0.000	0.286																	
10		389080	0.260	117151	0.000	0.260																	
11		391615	0.254	117151	0.000	0.254																	
12		394176	0.256	117151	0.000	0.256																	
13		397145	0.297	117151	0.000	0.297																	
14		399851	0.271	117151	0.000	0.271																	
15		402572	0.272	117151	0.000	0.272																	
16		405330	0.276	117154	0.000	0.276																	
17		408199	0.287	117154	0.000	0.287																	
18		411321	0.312	117154	0.000	0.312																	
19		413951	0.263	117154	0.000	0.263																	
20		417562	0.361	117154	0.000	0.361																	
21		419564	0.200	117154	0.000	0.200																	
22		421148	0.158	117154	0.000	0.158																	
23		424182	0.303	117154	0.000	0.303																	
24		426667	0.249	117171	0.000	0.249																	
25		429322	0.266	117171	0.000	0.266																	
26		431873	0.255	117171	0.000	0.255																	
27		434597	0.272	117171	0.000	0.272																	
28		437241	0.264	117171	0.000	0.264																	
29		439727	0.249	117171	0.000	0.249																	
30		442491	0.276	117171	0.000	0.276																	
31		444806	0.232	117171	0.000	0.232																	

Total Flow: 8,458,500
 Average Flow: 272,858
 Golf Course Min: 0.000
 Golf Course Max: 0.171
 Creek Min: 0.146
 Creek Max: 0.361

Write Comments on Back
 Operator: _____

JULY 2024
 TOTAL TO GOLF COURSE - 476,000 GALLONS