

## Public Works Director Report

October 2023

*Demand- average daily demand was 477,000 Gallons per Day (G.P.D.)*

*Total Monthly Production – 14,833,000 gallons*

- **Spanish Oak Trail & Hilltop Drive Water Line Improvements Project**

**Start Date: June 5,2023/Final Completion Date: Feb. 5, 2023**

The project was awarded to Excel 4 Construction, LLC with a total bid amount of \$767,882.00 at the January 10<sup>th</sup> City Council meeting. A pre-construction conference was completed on Tuesday, March 14, 2023 at City Hall. The contractor has been informed that excellent communication is expected by the citizens and staff members throughout the duration of the project. Especially, planned service interruptions, and street/driveway closures. A draft copy of written notices will be provided for city staff to review before being distributed to citizens. A notice to proceed letter was issued to the contractor on June 5, 2023. The official start date is June 5, 2023. The number of days to achieve substantial completion is 215 calendar days from the date above for the commencement of the contract times, resulting in a date for substantial completion of January 6, 2024; and the number of days to achieve readiness for final payment within 245 days from the commencement date of the contract times, resulting in a date for readiness for final payment of February 5, 2024. Weather conditions may affect the contract dates. *Excel 4 Construction began work on June 5, 2023. All of the water line improvements have been completed. The 10% retainage (\$32,083.00) has not been released. A final walk-through inspection will be coordinated by Enprotec/Hibbs & Todd.*

- **Creekside Sub-division (behind Prosperity Bank)**

*Preliminary plans have been submitted for a proposed sub-division (23 lots) off North English Street.*

- **Rock Ridge Estates Sub-Division  
(Located to the North of First Baptist Church)**

*More problems have been surfacing at Rock Ridge Phase I with the retaining walls near the First Baptist Church property. There is some storm water runoff entering the FBC property as well. These problems will have to be addressed before issuance of a City of Glen Rose Letter of Acceptance.*

- **Rosewood Addition Phase II (Located South of the Riverwalk off Grand Ave.)**

This phase is 12 lots and includes drainage improvements, water, sewer, and concrete paving. The water, sewer, and concrete street paving have been completed in Phase II of the Rosewood Addition. The short portion of underground storm drain, and small detention pond have been completed, as well. Jim Gartrell (developer) has completed construction of Rosewood Phase II. Larry and I met with Mr. Gartrell to begin the process of securing an acceptable, two-year maintenance bond along with issuance of a Letter of Acceptance from the city. He agreed to do some additional site grading in an undeveloped portion of the property that will help significantly with an existing stormwater runoff problem downstream from "Phase II". **After the recent rainfall it was noted to Mr. Gartrell that the soil must be stabilized in the area where the additional dirt work was completed to control the erosion. A two-year maintenance bond has been issued to the city. The Building Official is now drafting the documents for final acceptance of Rosewood Addition Phase II.**
- **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 on November 7, 2023.**
- **Well Site No.3 Ground Storage Tank Replacement Project**

**City staff met with Chris Hay to review a DRAFT set of construction drawings for the 250K gallon ground water storage tank replacement at Well Site No.3 near the intersection of Hereford St. (Hwy 56N) and Tom Rumph Road. By rule, the construction plans must be submitted to the Texas Commission on Environmental Quality for review and approval before construction begins.**

- **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 11<sup>th</sup> 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. Of course, with the award of additional federal funding to this project an AFA amendment will be required to add the funding to the project. Iftekhar Ali has been assigned to process the amendment. I have reached out to him to begin that process. At the meeting with TxDOT on 10/3/2023, I was informed that there will be three separate areas of the SRTS project where the city will need an easement from property owners for the new sidewalk. The G.R.I.S.D., Glen Rose Interbank, and North Texas District Council are the three property owners. The G.R.I.S.D., and Glen Rose Interbank have already been approached and both are willing to work with the city to make it happen. The third owner has not been approached yet due to conflicting survey markers. A TxDOT consultant will be providing the metes-and-bounds descriptions, along with specific verbiage needed for the easement agreement documents. Once I have this in hand, I will need Stan Lowry to draft the easement documents. TxDOT will then review the documents before execution. 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 95% complete for that scope, scheduled for 100% in October, with the let date scheduled in January 2024. The Safe Routes to School (SRTS) scope of work plan set is currently 60% complete, and is scheduled for 100% completion on April 1, 2024, with a let date of August 2024. I am still waiting for the meets and bounds descriptions for the three needed easements. I have been given an example or template for the specific language needed for the easement. I am expecting the meets and bounds descriptions by November 17<sup>th</sup>.

- **Groundwater Study**

City Administrator Hill and I will be meeting with Kevin Taylor sometime this week to discuss a groundwater study of the city water wells. Enprotec/Hibbs and Todd have already prepared a work order for this project but I felt the need to wait until Mr. Hill has had an opportunity to evaluate and/or advise.

- **Sewer Main Relocation Project near Stone Hollow Court (East of Chicken Express)**

Sealed bids were accepted at City Hall until 10:00 a.m. on Tuesday, August 15, 2023 at which time the bids were opened and read aloud. The project was awarded at the August 22<sup>nd</sup> meeting to Day Services, LLC. The contract price of the awarded contract is \$81,181.00. A Notice of Award was signed by the Mayor on the 25<sup>th</sup> of August. The notice was sent, along with the contract documents, to Day Services, LLC for execution. A Pre-construction Conference was completed at City Hall on Oct.24<sup>th</sup> at 10am. Day Services began mobilization on Oct.26<sup>th</sup> and began working on Oct.31<sup>st</sup>. The new sewer line has been completely installed. There are three concrete sewer manholes that are being poured in place. This takes a few more days because they will be done one per day. Once all three manholes have been completed, a couple of tests will be done to ensure that there is uninterrupted flow, and that there are no leaks or separations in the pipe.

- **School Zone Speed Humps/Hwy 67 School Zone**

The speed humps along Stadium Drive have been re-adjusted and calmed down just a little bit. Additionally, I have reached out to TxDOT via email to inquire about the status of the proposed TxDOT “school zone” Project from many years ago. I received a response from TxDOT Area Engineer Sarah Horner on September 22<sup>nd</sup>. She has been unable to find anybody in the Ft. Worth District with history of why this project was considered in 2005 but not installed. Because so much time has passed since the project was considered in 2005, the project would now require an updated study. When the issue was brought to their attention a couple of months ago, the district traffic office requested the new study. Authorization was given for a consultant to begin a study to determine whether a school zone can be added on Hwy 67 to address concerns near Stadium Drive and Mary Lynn Drive. There is currently no change in the status of this project. We can ask Sarah Horner for an update at the meeting with TxDOT on Friday 17<sup>th</sup>.

- **Historic Water Tower Paint Project**

The overhead electric lines coming in to the water tower site had to be disconnected before the paint contractor could start mobilizing due to the limited amount of work space around the tank. A couple of trees outside of the fence had to be removed as well. The paint contractor arrived and mobilized on Monday October 30<sup>th</sup>. The antennas and cables were removed during the cleaning/prepping stage. All painting was completely finished by Saturday, November 4<sup>th</sup>. Once the electricity has been restored a demonstration will be scheduled for the LED lighting.

# 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: Oct 2023

Number of Active Service Connections this Month: 1354

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		530		25		555
2		510		6		516
3		522		20		542
4		454		0		454
5		432		0		432
6		481		0		481
7		483		0		483
8		489		0		489
9		523		0		523
10		567		0		567
11		488		38		526
12		459		0		459
13		519		21		540
14		488		0		488
15		531		0		531
16		309		115		424
17		242		167		409
18		383		202		585
19		604		0		604
20		550		19		569
21		523		0		523
22		489		0		489
23		421		1		422
24		402		0		402
25		452		0		452
26		486		0		486
27		464		1		465
28		283		0		283
29		396		0		396
30		362		0		362
31		376		0		376
Total		14,218		615		14,833
Avg		458		19		477
Max		604		202		604
Min		242		1		283

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: Sheldon Bybee

Date: 10-31-23

Certificate No. and Class: WG 0019264



WWTP Name:

10/2023

City of Glen Rose

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)
	EOM #	821650	<del>0.170</del>	785373	<del>0.000</del>	<del>0.170</del>	<del></del>	<del></del>
1		823351	0.170	785373	0.000	0.170		
2		825276	0.193	785373	0.000	0.193		
3		827347	0.207	785373	0.000	0.207		
4		829362	0.202	785373	0.000	0.202		
5		831692	0.233	785373	0.000	0.233		
6		834163	0.247	785373	0.000	0.247		
7		836551	0.239	785373	0.000	0.239		
8		838918	0.237	785373	0.000	0.237		
9		840877	0.196	785373	0.000	0.196		
10		843202	0.233	785373	0.000	0.233		
11		845318	0.212	785373	0.000	0.212		
12		847465	0.215	785373	0.000	0.215		
13		849579	0.211	785373	0.000	0.211		
14		852044	0.247	785373	0.000	0.247		
15		854422	0.238	785373	0.000	0.238		
16		856034	0.161	785373	0.000	0.161		
17		857928	0.189	785373	0.000	0.189		
18		859876	0.195	785373	0.000	0.195		
19		861795	0.192	785373	0.000	0.192		
20		864037	0.224	785373	0.000	0.224		
21		866287	0.225	785373	0.000	0.225		
22		868513	0.223	785373	0.000	0.223		
23		870652	0.214	785373	0.000	0.214		
24		872879	0.223	785373	0.000	0.223		
25		875071	0.219	785373	0.000	0.219		
26		878453	0.338	785373	0.000	0.338		
27		885951	0.750	785373	0.000	0.750		
28		891623	0.567	785373	0.000	0.567		
29		897969	0.635	785373	0.000	0.635		
30		900330	0.236	785373	0.000	0.236		
31		905016	0.469	785373	0.000	0.469		

Total flow - 8,336,600