

Public Works Director Report

November 2023

Demand- average daily demand was 384,000 Gallons per Day (G.P.D.)

Total Monthly Production – 11,524,000 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 10th 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. 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 has been completed by Enprotec/Hibbs & Todd, city staff, and the contractor on Friday November 17, 2023. All punch-list items that were identified have since been addressed. Once the required contract close-out documents have been provided by Excel 4 Construction, the 10% retainage will be released.**

- **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. 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.**

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

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

- **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. 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.**

- **Squaw Valley Meadows Sub-Division (East of Golf Course)**

A pre-construction meeting was completed at City Hall on November 9, 2023. The developer's contractor and engineer, County Commissioners Busch and Ray, TNMP, SCWD, eHT, and City Staff members were present. Area stormwater runoff was a big item of discussion. Chris Hay is recommending that the developer obtain a letter from the Somervell County Commissioners Court permitting the additional stormwater generated by the development to be discharged into the squaw Valley Golf Course property. Without a letter from Somervell County, the property will need an acceptable alternative drainage plan designed by a Professional Engineer. The development of Phase 1 alone of Squaw Valley Meadows Sub-Division, does not increase the volume of stormwater discharged. The contractor has been allowed to move some dirt around into Phase 1 but nothing else until an agreement has been provided.

- **Rock Ridge Estates Sub-Division (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.

- **Well No.3 - Well No.5 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. **Amendment No.1 to eHT Work Order No.40 was approved by City Council in November. Both ground storage tank replacement project plan sets for Well(S) No.3 and No.5 will be submitted to the TCEQ at once for the review process.**

- **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 22nd 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 25th 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.24th at 10am. Day Services began mobilization on Oct.26th and began working on Oct.31st. 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. All three manholes have been completed, and tested. A final inspection has been completed. The project is considered complete. The first pay application has been processed. The 10% retainage will be released once the contract close-out documents have been provided by Day Services, LLC.**

- **Big Rocks Park/Riverwalk Clean-Up**

City staff will continue the removal of trees, limbs, sand, etc. from the rocks, and parking area at Big Rocks Park, as time allows. We are short staffed, especially through the Holiday Season. There are additional housekeeping needs throughout the city this time of year with street sweeping, as well. I see it, just difficult making it down to the river with the normal maintenance needs that are on-going. I guess there is never really a convenient time for a flood....

- **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. 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 have not yet received the meets and bounds descriptions from TxDOT yet. A site visit for the SRTS Project has been scheduled by the design team for 11am on Wednesday, December 13, 2023. Multiple representatives from HDR Engineering in Austin, and local representatives from TxDOT will be attending to visit the various project locations. This process will very likely take several hours.**

- **Hwy 67 School Zone**

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 22nd. 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. I have e-mailed the TxDOT area engineer Sarah Horner for a status update.**

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: NOV 2023

Number of Active Service Connections this Month: 1360

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		393		0		393
2		409		0		409
3		429		0		429
4		387		0		387
5		387		0		387
6		157		175		332
7		293		113		406
8		377		0		377
9		360		0		360
10		358		0		358
11		363		0		363
12		401		0		401
13		389		0		389
14		409		0		409
15		362		0		362
16		419		0		419
17		416		0		416
18		412		0		412
19		354		1		355
20		402		0		402
21		341		0		341
22		426		0		426
23		343		0		343
24		366		0		366
25		320		0		320
26		414		0		414
27		362		0		362
28		419		0		419
29		365		0		365
30		402		0		402
31						
Total		11235		289		11524
Avg		374		9		384
Max		429		175		429
Min		157		1		332

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: 12-1-23

Certificate No. and Class: _____

WG0015032



WASTEWATER TREATMENT PLANT LOG

EPA ID # TX0033316
 PERMIT # WQ0010177001

WWTP Name:

City of Glen Rose

Month/year:

November-23

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. (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 (wky)	Temp. °F	Weather Condition	Rain In.	Oper Intl.	
	EOM #	905016	0.411	785373	0.000	0.411																		
1		909129	0.411	785373	0.000	0.411																		
2		912618	0.349	785373	0.000	0.349																		
3		915199	0.258	785373	0.000	0.258																		
4		917842	0.264	785373	0.000	0.264																		
5		920386	0.254	785373	0.000	0.254																		
6		922850	0.256	785373	0.000	0.256																		
7		923980	0.243	785373	0.000	0.243																		
8		927979	0.260	785373	0.000	0.260																		
9		930725	0.275	785373	0.000	0.275																		
10		932679	0.195	785373	0.000	0.195																		
11		934866	0.219	785373	0.000	0.219																		
12		937356	0.249	785373	0.000	0.249																		
13		939292	0.194	785373	0.000	0.194																		
14		941443	0.215	785373	0.000	0.215																		
15		943381	0.194	785373	0.000	0.194																		
16		945448	0.207	785373	0.000	0.207																		
17		947723	0.228	785373	0.000	0.228																		
18		950065	0.234	785373	0.000	0.234																		
19		952489	0.242	785373	0.000	0.242																		
20		954704	0.222	785373	0.000	0.222																		
21		956879	0.218	785373	0.000	0.218																		
22		959011	0.213	785373	0.000	0.213																		
23		961175	0.216	785373	0.000	0.216																		
24		963117	0.193	785373	0.000	0.193																		
25		965049	0.193	785373	0.000	0.193																		
26		967013	0.196	785373	0.000	0.196																		
27		968978	0.197	785373	0.000	0.197																		
28		971061	0.208	804654	0.000	0.208																		
29		973422	0.236	806293	0.000	0.236																		
30		975569	0.215	809592	0.000	0.215																		

Total Flow: 7,055,300
 Average Flow: 235,177

Golf Course Min
 Creek Min

0.000
 0.193

Golf Course Max
 Creek Max

0.000
 0.411

CL2 Min: 0.00
 CL2 Max: 0.00

Write Comments on Back

Operator: