

Public Works Director Report

January 2023

Demand- average daily demand was 411,000 Gallons per Day (G.P.D.)

Total Monthly Production – 12,757,000 gallons

- **Spanish Oak Trail & Hilltop Drive Water Line Improvements Project**
Start Date: June 5,2023/Final Completion Date: Feb. 5, 2023
The final Pay Application was processed for the 10% retainage on 01-09-2024.
- **Rosewood Addition Phase II (Located South of the Riverwalk off Grand Ave.)**
A two-year maintenance bond has been issued to the city. The Building Official/City Administrator are working on an official Letter of Acceptance.
- **Creekside Sub-division (behind Prosperity Bank)**
Preliminary plans have been submitted for a proposed sub-division (23 lots) off North English Street. *There are no new status updates on this Sub-division at this time.*
- **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. **The contractor has been allowed to move some dirt around into Phase 1 but nothing else until an agreement has been provided. A written agreement between the property owner/developer and Somervell County has been provided to the city. A Development Agreement is still needing to be executed.**

- **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. The portion of retaining wall that was failing along the south side of the development has been removed. A new wall will be built in its place. Also, the elevation of two lots have been adjusted so that the stormwater run-off is not directed at the First Baptist Church property. **There is no new status update for this project at this time.**

- **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. Chris Hay is currently waiting on the electrical engineer on a couple of items before completing the plan sets. I expect to meet with Chris for plan review late next week. Once we have reviewed the plans with Chris, both ground storage tank replacement project plan sets, for Well(S) No.3 and No.5 will be submitted to TCEQ for review and possible approval. TCEQ design review usually takes up to 90 days.**

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

On January 16th, Cleburne Fence Co. provided a quote to reconstruct 256' of split-rail cedar fence along the Riverwalk. The materials have been ordered, and the work will be scheduled accordingly. The damaged hand rails are being built in house and will be installed soon.

- **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. Sealed meets and bounds descriptions of the needed easements have been received and passed on to Stan for review. **The proposed Easement Agreements have been submitted to the GRISD, and Interbank for review, and possible approval. Once we have their approval, the Easement Agreements will be brought to City Council for 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 likely 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.**

- **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. **I still have not received any new information about the results of a traffic study. This item will be discussed in person at an upcoming meeting scheduled for the first week in March.**

- **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.

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: Jan 2024

Number of Active Service Connections this Month: 1366

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		402		0		402
2		347		0		347
3		356		0		356
4		389		0		389
5		471		0		471
6		449		0		449
7		360		0		360
8		423		0		423
9		378		0		378
10		391		0		391
11		404		0		404
12		454		0		454
13		420		0		420
14		458		0		458
15		566		0		566
16		523		0		523
17		561		0		561
18		454		0		454
19		407		0		407
20		418		0		418
21		457		0		457
22		394		0		394
23		374		0		374
24		363		0		363
25		364		0		364
26		348		0		348
27		371		0		371
28		391		0		391
29		363		0		363
30		355		0		355
31		345		0		345
Total		12756		1		12757
Avg		411		.03		411.5
Max		566		1		566
Min		345		0		345

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: Paul Wells Date: 2-1-24

Certificate No. and Class: WG0012979

WASTEWATER TREATMENT PLANT LOG

City of Glen Rose

January-24

Chief Operator :

Lance Powell

Month/year:

Day	Time	EOM #	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.	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.		
																								Mn Correc.	
1			52860	0.219	821081	0.000	0.219																		
2			5267	0.241	821081	0.000	0.241																		
3			58240	0.297	821081	0.000	0.297																		
4			60793	0.255	821081	0.000	0.255																		
5			63599	0.281	821081	0.000	0.281																		
6			66544	0.295	821081	0.000	0.295																		
7			69851	0.331	821081	0.000	0.331																		
8			72756	0.291	821081	0.000	0.291																		
9			75590	0.283	821081	0.000	0.283																		
10			78091	0.250	821081	0.000	0.250																		
11			80694	0.260	821096	0.000	0.260																		
12			83433	0.274	821096	0.000	0.274																		
13			85936	0.250	821096	0.000	0.250																		
14			88267	0.233	821096	0.000	0.233																		
15			90526	0.226	821096	0.000	0.226																		
16			93159	0.263	821096	0.000	0.263																		
17			96505	0.335	821096	0.000	0.335																		
18			99427	0.292	821096	0.000	0.292																		
19			102275	0.285	821096	0.000	0.285																		
20			104522	0.225	821096	0.000	0.225																		
21			107683	0.316	821096	0.000	0.316																		
22			109950	0.227	821096	0.000	0.227																		
23			112568	0.262	821096	0.000	0.262																		
24			115548	0.298	821096	0.000	0.298																		
25			118086	0.254	821096	0.000	0.254																		
26			120596	0.251	821096	0.000	0.251																		
27			123148	0.255	821096	0.000	0.255																		
28			125765	0.262	821096	0.000	0.262																		
29			128441	0.268	821096	0.000	0.268																		
30			130885	0.244	821096	0.000	0.244																		
31			133348	0.246	821096	0.000	0.246																		

Total Flow: 8,267,700 Golf Course Min 0.000
Average Flow: 266,700 Golf Course Max 0.000
Creek Min 0.219
Creek Max 0.335

Write Comments on Back Operator: