

## Public Works Director Report

December 2023

*Demand- average daily demand was 381,000 Gallons per Day (G.P.D.)*

*Total Monthly Production – 11,816,000 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. 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. A written agreement between the property owner/developer and Somervell County has still not been issued to the city.**

- **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.**

- **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 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. 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. **The 10% retainage has been paid and this project is considered complete. Construction of the Dino Carwash has started.**

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

**City staff will continue with the removal of trees, limbs, sand, etc. from the rocks, and parking area at Big Rocks Park, as time allows. The handrails at the weir will be replaced, along with the split-rail cedar fence along the east end of the riverwalk.**

- **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 metes and bounds descriptions for the three needed easements. I have been given an example or template for the specific language needed for the easement. **Sealed metes and bounds descriptions of the needed easements have been received and passed on to Stan for review. A site visit for the SRTS Project was completed by the design team on Wednesday, December 13, 2023. Multiple representatives from HDR Engineering in Austin, and local representatives from TxDOT attended.**

- **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: Dec 2023

Number of Active Service Connections this Month: 1361

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		395		0		395
2		349		0		349
3		376		0		376
4		378		0		378
5		452		0		452
6		385		1		386
7		396		0		396
8		472		0		472
9		249		0		249
10		385		0		385
11		431		0		431
12		418		0		418
13		386		0		386
14		407		0		407
15		369		0		369
16		393		0		393
17		381		0		381
18		418		0		418
19		376		0		376
20		391		0		391
21		384		0		384
22		374		0		374
23		362		0		362
24		365		0		365
25		346		0		346
26		346		0		346
27		379		0		379
28		345		0		345
29		379		0		379
30		389		0		389
31		344		0		344
Total		11815		1		11816
Avg		381		0		381
Max		472		1		473
Min		249		0		249

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: 1-2-24

Certificate No. and Class: WG0015747

WASTEWATER TREATMENT PLANT LOG

EPA I.D # TX0033316  
 PERMIT # WQ0010177001

WWTP Name:

City of Glen Rose

Month/year:

December-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. (GPM)	Staff Gauge (Inches)	PH	Time Cl2 Sample Collected	Time Cl2 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. °F	Weather Condition	Rain In.	Oper Init.
	EOM #	975569		809592																			
1	6:00 AM	977740	0.217	809592	0.000	0.217	0	0		7:30 AM	7:33 AM	2.88	0.10	2.78	0.56	1.3	75	20		44°	Cloudy	0	CD
2	9:30 AM	980089	0.235	810869	0.000	0.235	0	0		9:45 AM	9:48 AM	3.02	0.16	2.86	0.62	1.3	50	25		46°	Clear	0	CD
3	10:00 AM	982069	0.198	811941	0.000	0.198	0	0		10:15 AM	10:18 AM	2.93	0.12	2.81	0.54	1.3	31	19		56°	Clear	0	CD
4	7:00 AM	984229	0.216	813510	0.000	0.216	0	0		7:45 AM	7:48 AM	2.88	0.13	2.75	0.60	1.3	9/113	22		38°	Clear	0	LP
5	6:00 AM	986278	0.205	814336	0.000	0.205	0	0		7:00 AM	7:03 AM	2.76	0.14	2.62	0.59	1.3	105	18		33°	Clear	0	CD
6	6:00 AM	988372	0.209	817708	0.000	0.209	0	0		7:00 AM	7:03 AM	2.87	0.15	2.72	0.62	1.45	82	23		40°	Clear	0	CD
7	6:00 AM	990328	0.196	819938	0.000	0.196	0	0		7:00 AM	7:03 AM	2.72	0.13	2.59	0.60	1.45	59	23		50°	Clear	0	CD
8	7:00 AM	992602	0.227	819967	0.000	0.227	0	0		2:00 PM	2:03 PM	2.23	0.11	2.12	0.61	1.45	34	25		65°	Clear	0	LP
9	6:00 AM	994510	0.191	819967	0.000	0.191	0	0		7:00 AM	7:03 AM	2.19	0.11	2.08	0.60	1.45	150	15		40°	Clear	0	LP
10	6:30 AM	996650	0.214	819967	0.000	0.214	0	0		7:10 AM	7:13 AM	2.33	0.12	2.21	0.59	1.45	134	16		35°	Clear	0	LP
11	6:30 AM	998753	0.210	819968	0.000	0.210	0	0		7:30 AM	7:33 AM	2.83	0.15	2.68	0.62	1.45	116	18		33°	Clear	0	CD
12	7:00 AM	993	-99.776	821081	0.000	0.000	0	0		1:45 PM	1:48 PM	2.33	0.12	2.21	0.51	1.6	104	12		41°	Clear	0	LP
13	6:00 AM	3069	0.208	821081	0.000	0.208	0	0		7:45 AM	7:48 AM	3.06	0.13	2.93	0.57	1.6	123	27		49°	Mist	0.01	CD
14	7:00 AM	5086	0.202	821081	0.000	0.202	0	0		8:00 AM	8:03 AM	2.41	0.12	2.29	0.60	1.6	102	21		44°	Clear	0	LP
15	6:00 AM	7148	0.206	821081	0.000	0.206	0	0		7:20 AM	7:23 AM	2.52	0.10	2.42	0.53	1.6	79	23		55°	Rainy	0.01	CD
16	7:45 AM	9463	0.232	821081	0.000	0.232	0	0		8:00 AM	8:03 AM	2.86	0.16	2.70	0.61	1.6	53	26		52°	Clear	0.75	CD
17	7:30 AM	11898	0.244	821081	0.000	0.244	0	0		7:45 AM	7:48 AM	3.14	0.12	3.02	0.65	1.6	25	28		33°	Clear	0	CD
18	6:30 AM	13999	0.210	821081	0.000	0.210	0	0		6:50 AM	6:53 AM	3.05	0.17	2.88	0.57	1.6	0/102	26		44°	Clear	0	CD
19	6:30 AM	16275	0.228	821081	0.000	0.228	0	0		2:00 PM	2:03 PM	2.95	0.12	2.83	0.60	1.6		#####		38°	Clear	0	CD
20	7:00 AM	18509	0.223	821081	0.000	0.223	0	0		1:00 PM	1:03 PM	3.10	0.13	2.97	0.59	1.6	130	-130		37°	Cloudy	0	LP
21	7:00 AM	20605	0.210	821081	0.000	0.210	0	0		10:00 AM	10:03 AM	2.88	0.12	2.76	0.61	1.6	115	15		35°	Rain	1.25	LP
22	7:00 AM	23510	0.291	821081	0.000	0.291	0	0		12:00 PM	12:03 PM	2.96	0.11	2.85	0.58	1.6	96	19		41°	Cloudy	0	LP
23	10:30 AM	26318	0.281	821081	0.000	0.281	0	0		10:45 AM	10:48 AM	2.87	0.12	2.75	0.62	1.6	65	31		65°	Cloudy	0.5	LP
24	8:00 AM	30220	0.390	821081	0.000	0.390	0	0		9:15 AM	9:18 AM	2.99	0.11	2.88	0.61	1.6	29	36		39°	Clear	0	LP
25	7:30 AM	34562	0.434	821081	0.000	0.434	0	0		8:00 AM	8:03 AM	2.98	0.16	2.82	0.59	1.6	141	38		38°	Clear	2.5	CD
26	9:00 AM	37741	0.318	821081	0.000	0.318	0	0		9:15 AM	9:18 AM	2.49	0.17	2.32	0.63	1.6	108	33		42°	Clear	0	CD
27	7:30 AM	40127	0.239	821081	0.000	0.239	0	0		8:00 AM	8:03 AM	3.03	0.11	2.92	0.57	1.6	80	28		33°	Clear	0	CD
28	6:00 AM	42834	0.271	821081	0.000	0.271	0	0		7:00 AM	7:03 AM	3.11	0.14	2.97	0.65	1.6	50	30		38°	Clear	0	CD
29	8:00 AM	45739	0.291	821081	0.000	0.291	0	0		8:15 AM	8:18 AM	3.14	0.10	3.04	0.61	1.6	20	30		32°	Clear	0	CD
30	7:45 AM	48362	0.262	821081	0.000	0.262	0	0		8:00 AM	8:03 AM	3.33	0.15	3.18	0.60	1.6	134/7	29		31°	Clear	0	CD
31	6:30 AM	50671	0.231	821081	0.000	0.231	0	0		6:50 AM	6:53 AM	3.42	0.18	3.24	0.66	1.6	107	27		38°	Cloudy	0	CD

Total Flow:  
 Average Flow:

7,286,300  
235,042

Golf Course Min  
 Golf Course Max  
 Creek Min  
 Creek Max

0.000  
0.000  
-99.776  
0.434

CL2 Min: 2.08  
 CL2 Max: 3.24

Write Comments on Back

Operator: \_\_\_\_\_