

Public Works Director Report

April 2024

Demand- average daily demand was 391,000 Gallons per Day (G.P.D.)

Total Monthly Production – 11,759,000 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 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.**

- **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. Chris Hay and I met on the 21st of February to review the *DRAFT* plan sets for both storage tank replacements. **The plans were submitted to the TCEQ for design review on March 14th. The TCEQ review process usually takes up to 90 days.**

- **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. 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.**

- **Hwy 67 School Zone**

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. Troy and I met with several TxDOT engineers from the Area, and District offices on Feb.28th. I inquired about the traffic study/School Zone on Hwy 67. We were told that the study had been done and we should expect an update from TxDOT soon. **I have reached out again to the area engineer for a progress report for this project.**

- **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.

- **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.

- **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 will be 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 will update with a timeline or projected dates as soon as I see a schedule.

- **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.3 (Bryan Street) from two different groundwater sources, in the event of a well failure, or if a Ground tank is taken out of service.

- **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. The *draft* sidewalk design should be completed within the next few weeks and ready for review.

- **Water Tower Lighting/ GRISD Logo**

The water tower lighting project has been completed. I am still exploring the market for better pricing for the additional G.R.I.S.D. logo.

FYI...

- I have hired a new staff member in Public Works. He will begin working later this month after graduating from Glen Rose High School on the 24th. He has some experience in the water industry from working two summers at Johnson County Special Utility District. He has a welding certificate, and some mechanic certifications through the GRISD programs.
- 8 street lights have been reported to TNMP Company for repairs.
- The new John Deere 331G skid steer, cold planer, and broom have been ordered from United Ag & Turf. A delivery date has not yet been scheduled.

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: April 2024

Number of Active Service Connections this Month: 1375

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		352		0		352
2		351		1		352
3		389		0		389
4		413		52		465
5		469		0		469
6		331		0		331
7		411		0		411
8		414		0		414
9		380		0		380
10		376		0		376
11		392		0		392
12		515		0		515
13		382		0		382
14		452		0		452
15		426		0		426
16		400		0		400
17		408		0		408
18		402		0		377 402
19		373		0		373
20		340		0		340
21		388		0		388
22		376		0		376
23		395		0		395
24		376		0		376
25		376		0		376
26		366		0		366
27		342		0		342
28		389		0		389
29		360		0		360
30		362		0		362
31						
Total		11,706		53		11,759
Avg		390.2		1.76		391.96
Max		515		53		515
Min		331		1		331

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: 4-30-24

Certificate No. and Class: wg0015747

WASTEWATER TREATMENT PLANT LOG

EPA I.D # TX0033316
 PERMIT # WQ0010177001

WWTP Name: City of Glen Rose Month/year: April 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.	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. of	Weather Condition	Rain In.	Oper. Init.	
1	6:00 AM	211267	0.022	938096	0.170	0.192	0	0						0.00						71°	Cloudy	0	CD	
2	6:30 AM	211897	0.041	942827	0.303	0.344	0	0						0.00						51°	Cloudy	0.25	CD	
3	6:30 AM	212475	0.058	945230	0.240	0.298	420	3						0.00						46°	Cloudy	0	LP	
4	6:30 AM	213091	0.062	947776	0.255	0.316	0	0						0.00						47°	Clear	0	CD	
5	7:00 AM	213617	0.053	950009	0.223	0.276	0	0						0.00						62°	Clear	0	CD	
6	7:00 AM	214569	0.095	953106	0.310	0.405	0	0						0.00						62°	Cloudy	0	CD	
7	10:00 AM	214875	0.031	956064	0.296	0.326	0	0						0.00						73°	Clear	0	CD	
8	6:30 AM	215218	0.034	958876	0.281	0.316	0	0						0.00						53°	Clear	0	CD	
9	6:00 AM	215477	0.026	961756	0.288	0.314	0	0						0.00						73°	Cloudy	0.02	CD	
10	6:00 AM	215682	0.021	964662	0.291	0.311	0	0						0.00						58°	Cloudy	0.01	CD	
11	5:45 AM	215957	0.028	967881	0.322	0.349	0	0						0.00						48°	Clear	1	CD	
12	6:00 AM	216294	0.034	970817	0.294	0.327	368	2.57						0.00						52°	Clear	0	LP	
13	8:00 AM	216487	0.019	973495	0.268	0.287	0	0						0.00						60°	Clear	0	LP	
14	9:30 AM	216726	0.024	976521	0.303	0.327	0	0						0.00						70°	Clear	0	LP	
15	6:00 AM	216984	0.026	979543	0.302	0.328	0	0						0.00						71°	Cloudy	0	CD	
16	6:30 AM	217221	0.024	982531	0.299	0.323	0	0						0.00						72°	Cloudy	0	LP	
17	6:45 AM	217281	0.006	985451	0.292	0.298	0	0						0.00						69°	Cloudy	0	CD	
18	6:30 AM	217362	0.008	988349	0.290	0.298	0	0						0.00						60°	Cloudy	0	CD	
19	6:30 AM	217429	0.007	991422	0.307	0.314	0	0						0.00						59°	Cloudy	0.25	CD	
20	8:20 AM	217926	0.050	994049	0.263	0.312	0	0						0.00						47°	Cloudy	2	CD	
21	7:00 AM	218948	0.102	997200	0.315	0.417	0	0						0.00						42°	Clear	0	CD	
22	6:30 AM	219545	0.060	12	0.292	0.352	0	0						0.00						53°	Clear	0	LP	
23	6:45 AM	219846	0.030	2687	0.268	0.298	391	2.73						0.00						66°	Cloudy	0	CD	
24	6:00 AM	220275	0.043	5388	0.270	0.313	0	0						0.00						69°	Cloudy	0	CD	
25	6:30 AM	220924	0.065	7846	0.246	0.311	0	0						0.00						72°	Cloudy	0	CD	
26	6:30 AM	221548	0.062	10270	0.242	0.305	0	0						0.00						75°	Cloudy	0	LP	
27	11:00 AM	221596	0.005	13284	0.301	0.306	0	0.00						0.00						78°	Cloudy	0	LP	
28	10:45 AM	221756	0.016	16786	0.350	0.366	0	0.00						0.00						66°	Cloudy	0	CD	
29	6:30 AM	221982	0.023	18630	0.184	0.207	0	0						0.00						69°	Cloudy	0	CD	
30	6:00 AM	222690	0.071	21206	0.258	0.328	0	0						0.00										
31			-22.269		-2.121	-24.390								0.00										

Total Flow: -14,925,500
 Average Flow: -481,468

Golf Course Min: -2.121
 Golf Course Max: 0.350
 Creek Min: -22.269
 Creek Max: 0.102

CL2 Min: 0.00
 CL2 Max: 0.00

Write Comments on Back

Operator:

8,323,000 GALLONS TO SANJAN VALLEY B.C.