

Public Works Director Report

May 2024

Demand- average daily demand was 372,000 Gallons per Day (G.P.D.)

Total Monthly Production – 11,535,000 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. **A pre-construction meeting has not been scheduled yet.**

- **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 provided written approval for construction of the two ground storage tanks on May 13, 2024. The project will be advertised for competitive bids, tentatively scheduled for award at the July 23rd City Council Meeting.**

- **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. 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.**

- **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.

- **Annual Consumer Confidence Report**

The TCEQ requires public water systems to provide a Consumer Confidence Report (water quality report) to customers no later than July 1st annually. This report is generated using the data collected by an independent lab and then reported to the TCEQ throughout the year. The TCEQ allows us to post the report on the city website, and in public places for those that may not have access to the website. The link will be printed on the next water bill to notify customers.

- **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 has been 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 received an update from Kristen Boswell (Public Management) on May 24th. The environmental review has been completed and the TDA grant funds should be released for use in the coming weeks. The engineer is preparing the bid documents and we should be able to bid the project out as soon as we get the final clearance from TDA.**
- **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.4 (Bryan Street) from two different groundwater sources, in the event of a well failure, or if a ground storage 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 and ready for staff to review sometime this week.

FYI...

- The new hire that I reported to City Council about last month ended up declining the position with the City of Glen Rose Public Works Department. He will begin working for Glen Rose I.S.D later this month. He told me that he would be earning more money with the GRISD.
- 23 street lights have been reported to TNMP Company for repairs.
- United Ag & Turf delivered the new John Deere 331G Skid Steer, cold planer, and broom on Monday, June 3rd.



The recent rainfall caused an erosion problem in the drainage area to the east of the waste water treatment facility. About 20 linear feet of 8" plastic sewer main was exposed by the white-water rapids. We were able to remove the boulders from the top of the pipe, and then excavate around the pipe, without damaging anything. The pipe was then completely encased in 10 yards of concrete.

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: May 2024

Number of Active Service Connections this Month: 1394

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		321		0		321
2		322		0		322
3		306		0		306
4		352		0		352
5		316		0		316
6		332		0		332
7		356		0		356
8		453		0		453
9		449		0		449
10		355		0		355
11		338		0		338
12		374		0		374
13		348		0		348
14		361		0		361
15		427		0		427
16		330		0		330
17		470		0		470
18		370		0		370
19		390		0		390
20		354		0		354
21		425		0		426
22		374		0		374
23		370		0		370
24		359		0		359
25		369		0		369
26		429		0		429
27		406		0		406
28		375		0		375
29		431		0		431
30		354		0		354
31		318		0		318
Total		11534		0		11535
Avg		372		0.03		372
Max		470		0		470
Min		306		0		306

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: *John Wall*

Date: 6.3.24

Certificate No. and Class: WG0012979

WASTEWATER TREATMENT PLANT LOG

City of Glen Rose
 May-24
 Lance Powell

Chief Operator :

WWTP Name:

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)	PH	Time C12 Sample Collected	Time C12 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.	
	EOM #	222690		21206																			
1		223421	0.073	23853	0.265	0.338																	
2		224234	0.081	26252	0.240	0.321																	
3		224995	0.076	28766	0.251	0.328																	
4		226120	0.113	31723	0.296	0.408																	
5		227943	0.182	35022	0.330	0.512																	
6		229263	0.132	38526	0.350	0.482																	
7		230518	0.126	42992	0.447	0.572																	
8		232082	0.156	46719	0.373	0.529																	
9		233672	0.159	50309	0.359	0.518																	
10		235501	0.183	53410	0.310	0.493																	
11		236221	0.072	55611	0.220	0.292																	
12		237994	0.177	58628	0.302	0.479																	
13		239398	0.140	62365	0.374	0.514																	
14		240731	0.133	65323	0.296	0.429																	
15		241705	0.097	67909	0.259	0.356																	
16		242638	0.093	70432	0.252	0.346																	
17		244343	0.171	74429	0.400	0.570																	
18		246427	0.208	77903	0.347	0.556																	
19		247899	0.147	81705	0.380	0.527																	
20		249090	0.119	84597	0.289	0.408																	
21		250622	0.153	87353	0.276	0.429																	
22		251966	0.134	90077	0.272	0.407																	
23		253588	0.162	93172	0.310	0.472																	
24		254612	0.102	95475	0.230	0.333																	
25		256649	0.104	97911	0.244	0.347																	
26		256940	0.128	101384	0.347	0.476																	
27		257746	0.081	103290	0.191	0.271																	
28		258560	0.081	105930	0.264	0.345																	
29		259525	0.097	108487	0.256	0.352																	
30		260516	0.099	111538	0.305	0.404																	
31		264046	0.353	112386	0.085	0.438																	

CL2 Min: 0.00
 CL2 Max: 0.00

0.085
 0.447
 0.072
 0.353

Golf Course Min
 Golf Course Max
 Creek Min
 Creek Max

Total Flow: 13,253,600
 Average Flow: 427,535

Write Comments on Back

Operator: _____

9,120,000 GALLONS TOTAL TO GOLF COURSE