

Public Works Director Report

March 2024

Demand- average daily demand was 361,000 Gallons per Day (G.P.D.)

Total Monthly Production – 11,216,000 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. Iftexhar 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.**

- **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.**

- **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**

I have met with P.E. Carlos Aguilar from Freeman-Millican, Inc. to discuss sidewalk construction from Grace Street to the Paluxy River Dam near Big Rocks Park. Carlos has visited the site to familiarize himself with what is being requested. Attached for your review is a *cost estimate* that Carlos prepared based on other, similar sidewalk projects that he is aware of.

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: March 2024

Number of Active Service Connections this Month: 1372

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		366		0		366
2		401		0		401
3		389		0		389
4		376		0		376
5		379		0		379
6		341		0		341
7		445		0		445
8		201		0		201
9		329		0		329
10		349		1		350
11		351		0		351
12		334		0		334
13		356		0		356
14		339		0		339
15		318		0		318
16		332		0		332
17		377		0		377
18		325		0		325
19		388		0		388
20		385		0		385
21		320		0		320
22		330		0		330
23		341		0		341
24		392		0		392
25		354		0		354
26		406		0		406
27		442		0		442
28		358		0		358
29		443		0		443
30		404		0		404
31		344		0		344
Total		11215		1		11216
Avg		361				361
Max		445				445
Min		201				201

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: 

Certificate No. and Class: WG0015032

WASTEWATER TREATMENT PLANT LOG

EPA I.D # TX0033316
 PERMIT # WQ0010177001

WWTP Name:

City of Glen Rose

Month/year:

March-24

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 #	197904		839655																				
1		198279	0.038	841991	0.234	0.271																		
2		198744	0.047	844112	0.212	0.259																		
3		199146	0.040	846855	0.274	0.315																		
4		199327	0.018	849776	0.292	0.310																		
5		199489	0.016	852520	0.274	0.291																		
6		199782	0.029	855201	0.268	0.297																		
7		199998	0.022	857791	0.259	0.281																		
8		200656	0.066	862056	0.427	0.492																		
9		201150	0.049	866032	0.398	0.447																		
10		201874	0.072	869824	0.379	0.452																		
11		202382	0.051	873600	0.378	0.428																		
12		202814	0.043	877010	0.341	0.384																		
13		203079	0.027	880243	0.323	0.350																		
14		204013	0.093	883018	0.278	0.371																		
15		204259	0.025	886109	0.309	0.334																		
16		204644	0.039	890402	0.429	0.468																		
17		205145	0.050	894016	0.361	0.412																		
18		205443	0.030	895947	0.193	0.223																		
19		205803	0.036	899176	0.323	0.359																		
20		206203	0.040	902497	0.332	0.372																		
21		206724	0.052	905555	0.306	0.358																		
22		207206	0.048	908766	0.321	0.369																		
23		207498	0.029	912368	0.360	0.389																		
24		207821	0.032	915138	0.277	0.309																		
25		208164	0.034	918358	0.322	0.356																		
26		208578	0.041	921789	0.343	0.385																		
27		209098	0.052	925077	0.329	0.381																		
28		209667	0.057	928002	0.293	0.349																		
29		210069	0.040	930766	0.276	0.317																		
30		210647	0.058	934255	0.349	0.407																		
31		211276	0.063	938096	0.384	0.447																		

Total Flow:
 Average Flow:

11,181,300
360,687

Golf Course Min
 Golf Course Max
 Creek Min
 Creek Max

0.193
0.429
0.016
0.093

CL2 Min: 0.00
 CL2 Max: 0.00

Write Comments on Back

Operator: _____

9,844,000 GALLONS TO SQMAN VALLEY G.C.

**2024 NE BARNARD STREET SIDEWALK IMPROVEMENTS
COST ESTIMATE**

City of Glen Rose
NE Barnard Street Sidewalk Improvements
Estimate of Probable Cost
3/8/2024

Item	Quantity	Unit	Unit Cost	Total
Mobilization	1	LS	\$ 15,652.50	\$ 15,652.50
Construct 5' Wide Concrete Sidewalk	878	SY	\$153.00	\$ 134,300.00
Provide SW3P	1	LS	\$5,000.00	\$ 5,000.00
Traffic Control	1	LS	\$15,000.00	\$ 15,000.00
Install Sediment Control Fence	1500	LF	\$2.00	\$ 3,000.00
Seeding / Hydromulch	1	AC	\$15,000.00	\$ 15,000.00
Detectible Warning Pavers	2	EA	\$1,500.00	\$ 3,000.00
ADA Ramps	3	EA	\$4,500.00	\$ 13,500.00
Decorative Hand Railing	75	L.F.	\$150.00	\$ 11,250.00
Switchback Ramp (At Stairs & Picnic Tables)	2	EA	\$15,000.00	\$ 30,000.00
Pedestrian Drainage Crossings	2	EA	\$19,000.00	\$ 38,000.00
Street / Traffic Signage	1	LS	\$15,000.00	\$ 15,000.00
Signage Lighting & Electrical	1	LS	\$30,000.00	\$ 30,000.00
		Sub-Total		\$ 328,702.50
		Contingency (20%)		\$ 65,740.50
Topographical Design Survey	1	LS	\$6,500.00	\$ 6,500.00
Design Engineering	1	LS	\$29,000.00	\$ 29,000.00
Construction Administration	1	LS	\$2,500.00	\$ 2,500.00
Construction Inspection (AS REQUESTED)	1	DAY	\$950.00	\$ 950.00
Permitting Coordination	1	LS	\$15,000.00	\$ 15,000.00
		Sub-Total		\$ 53,950.00
		ESTIMATED PROJECT TOTAL		\$ 448,393.00