

## Public Works Director Report

December 2024

*Demand- average daily demand was 364,000 Gallons per Day (G.P.D.)*

*Total Monthly Production – 11,296,000 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. 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 yet been scheduled.*

- **Well No.3 - Well No.5 Ground Storage Tank Replacement Project**

**Contract Effective Date 8/29/2024 Target Completion Date 5/26/2025**

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 is currently being advertised for competitive bids. Bids will be accepted at City Hall until 2:30pm on July, 11, 2024 and then opened publicly. The bid was awarded at the July 23<sup>rd</sup> City Council Meeting to TTE, LLC as the lowest, qualified bidder, with a bid amount of \$1,211,170.00. A pre-construction meeting was completed on August 28<sup>th</sup> at City Hall, and a Notice to Proceed was issued with an official start date of August 29, 2024. The engineer has received some of the submittals from the contractor to ensure that the proper products are used and the materials are within the specifications of the engineered plans. Once the submittals have been reviewed and approved by Chris Hay, the contractor will order the products. *The dirt work began October 21<sup>st</sup>. The foundation for both tanks have been completed. The steel tanks have been fabricated in place at both well sites. The fabrication of the new tanks is nearing completion.*

- **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. 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. 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. The project did make its scheduled August 2024 bid date. There was a good volume of bids submitted. Most bidders came in below the engineers estimate. I attended a TEAMS meeting with TxDOT, and multiple contractors on November 14<sup>th</sup>. The bid has been awarded and construction is scheduled to begin this month. The TxDOT Area Office has hired a Construction Inspection Engineering firm (BGE, Inc.) to assist on the field inspections during construction. The sidewalk construction began in early December along the 400 block of S.W. Big Bend Trail.

- **Groundwater Study (Start Jan.19, 2024 Expected Completion Dec.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. City staff accompanied Kaleigh Nuyttens (RW Harden & Associates) to all 5 City well yards for site visits on July 18<sup>th</sup>. Since then, on August 1<sup>st</sup>, Santos and I attended a TEAMS meeting with Kaleigh and her team to nail down the proposed well head modifications at each, individual well site, to accommodate the aquifer testing plan that they have devised. We will be scheduling well testing dates for each site once the modifications have been completed. The flow meter, and fittings have been received, and assembled. The field testing has been completed at Well Sites 3, 4, and 5. Chris Hay will be presenting the findings from the groundwater study at the next City Council Meeting.

- **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. I received the **DRAFT CIP** on Thursday October 3<sup>rd</sup>. After reviewing the draft plan, there was one project that was overlooked and needs to be added to the plan before City Council review and possible approval.

- **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. After coordinating with Atmos Energy, it appears that there are existing underground gas lines that will be in conflict with the street re-construction project. Because the gas lines are dated and too shallow, the lines will need to be replaced before the street re-construction project begins. We have agreed to yield to Atmos until early Spring of 2025. The plan is to advertise for acceptance of formal bids in late February- early March 2025. I have confirmed with Public Management that this proposed timeline will not jeopardize the grant funds. Atmos Energy is scheduled to begin utility work in November. The installation of new gas mains and services are scheduled for completion before the new year. The bid advertisement for the street and drainage improvement project will be advertised once the gas line project is substantially complete.

- **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. I met with the electrical engineers at Well Site 2, on Monday August 5<sup>th</sup>, to discuss proposed pump types, locations, and options for upgrading the electrical service to comply with the existing codes. A lot of things have changed since 1954, when the original water well was drilled. Now would be a great time to bring everything into compliance, not just the new equipment. This will increase the project cost. I have asked for an expedited opinion of probable construction cost.

- **TWDB EDAP Grant @ GR Wastewater Treatment Facility**

The TWDB has reviewed and approved the last phase of improvements to be completed at the wastewater treatment plant. The project is currently being advertised for bid acceptance, scheduled for opening on January 16<sup>th</sup>. Attached to this report is an approval letter from the TWDB identifying the included improvements.

- **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 7<sup>th</sup>-8<sup>th</sup>. I met with Carlos Aguilar on Wednesday, July 17<sup>th</sup> to discuss the sidewalk plans that were provided. Obviously, the further away from the edge of Barnard Street we can be, will be safer for everyone. However, it will likely be that we will need easements from property owners, as well as relocating various utility poles. This project is not going to be completed in the timeline that Carlos originally predicted. We will work hard to move things along as quick as we can. Kevin Taylor and I met with Carlos Aguilar on August 22<sup>nd</sup> to discuss the progress of the Barnard Street sidewalk project plans. The plans and specifications have been completed and the project is ready to advertise for acceptance of sealed bids. Now that the plans are complete, we will apply for a TxDot permit for any areas of sidewalk constructed on the TxDOT right-of-way. Sidewalk easements will be needed for several properties. The easement surveys, and exhibits have been completed by Freeman Millican, Inc. The easement documents have been completed by the attorney, and are ready to be presented to the property owners. Once the property owners have signed the agreements, the documents will be filed with Somervell County. The job will then be advertised for bid acceptance. I am having some difficulties getting the easement agreements signed. Several of the properties have structures that sit close to the street, so some owners are not sure that they want a sidewalk that close to their home.

- **Cpt. Stephen Gibson Heritage Park**

I have consulted with an arborist at Cpt. Stephen Gibson Heritage Park. There are currently 8 live oak trees that are infected with oak wilt. We will be removing the dead trees, and treating approximately 60 healthy trees to subdue further loss of trees. The plan is to begin treatment with the 30 mature trees nearest the infected area. The park will need to be closed to the public for at least 24 hrs. during the treatment process. I plan to notify citizens a week before we close the park.

### **FYI...**

- Joseph Campbell successfully completed TCEQ testing to become a licensed wastewater collections operator.
- The sidewalk overlay project will be resuming soon downtown, weather permitting.
- We are working to restore the irrigation system at the Soccer Park.

# 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 2024

Number of Active Service

Connections this Month:

1436

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		407		0		407
2		381		0		381
3		420		1		421
4		355		0		355
5		399		1		400
6		375		0		375
7		354		0		354
8		382		0		382
9		386		0		386
10		360		0		360
11		368		0		368
12		377		0		377
13		373		0		373
14		392		0		392
15		392		0		392
16		368		0		368
17		337		0		337
18		357		0		357
19		382		0		382
20		360		0		360
21		307		0		307
22		389		0		389
23		337		0		337
24		338		0		338
25		325		0		325
26		348		0		348
27		345		0		345
28		315		0		315
29		380		0		380
30		362		0		362
31		323		0		323
Total		11,294		2		11,296
Avg		364		0.06		364
Max		420		1		420
Min		307		0		307

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:

# WASTEWATER TREATMENT PLANT LOG

EPA ID # TX0033316  
PERMIT # WQ0010177001

WWTP Name:

City of Glen Rose

Month/year:

December-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 C12 Sample Collected	Time C12 Sample Analyzed	Chlorine Res. Before Correc.	Chlorine 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 (w/ky)	Temp. °F	Weather Condition	Rain In.	Oper Int.
	EOM #	551332		321515																			
1		551481	0.015	322981	0.147	0.162																	
2		551637	0.016	325245	0.226	0.242																	
3		551753	0.012	327788	0.254	0.266																	
4		551799	0.005	329511	0.172	0.177																	
5		552004	0.021	331785	0.227	0.248																	
6		552102	0.010	337457	0.567	0.577																	
7		552247	0.015	339777	0.232	0.247																	
8		552321	0.007	342081	0.230	0.238																	
9		552405	0.008	344144	0.206	0.215																	
10		552480	0.008	346278	0.213	0.221																	
11		552571	0.009	348216	0.194	0.203																	
12		552690	0.012	350294	0.208	0.220																	
13		552912	0.022	352415	0.212	0.234																	
14		553102	0.019	354945	0.253	0.272																	
15		553296	0.019	357272	0.233	0.252																	
16		553429	0.013	359357	0.209	0.222																	
17		553573	0.014	361592	0.224	0.238																	
18		553727	0.015	363812	0.222	0.237																	
19		553809	0.008	365936	0.212	0.221																	
20		554061	0.025	369817	0.388	0.413																	
21		554448	0.039	373561	0.373	0.412																	
22		554843	0.040	376982	0.343	0.383																	
23		555149	0.031	378498	0.152	0.182																	
24		555399	0.025	380648	0.215	0.240																	
25		555571	0.017	382727	0.208	0.225																	
26		555716	0.015	384394	0.167	0.181																	
27		555854	0.014	390344	0.595	0.609																	
28		557588	0.173	392038	0.189	0.343																	
29		559484	0.190	392038	0.000	0.190																	
30		560754	0.127	392039	0.000	0.127																	
31		561309	0.056	394122	0.208	0.264																	

Total Flow:

8,259,600

Golf Course Min

0.000

CL2 Min:

0.00

Write Comments on Back

Operator:

Creek Min

0.005

CL2 Max:

0.00

Write Comments on Back

Operator:

DEC. 2024

TOTAL GALLONS OF EFFLUENT WATER TO GOLF COURSE  
7,259,000 GALLONS





P.O. Box 13231, 1700 N. Congress Ave.  
Austin, TX 78711-3231, [www.twdb.texas.gov](http://www.twdb.texas.gov)  
Phone (512) 463-7847, Fax (512) 475-2053

November 14, 2024

Mr. Michael Leamons  
City Administrator  
City of Glen Rose  
P.O. Box 1949  
Glen Rose, TX 76043-1949

Re: City of Glen Rose  
Wastewater Treatment Plant Expansion  
**TWDB EDAP Project No. 10434**  
CID 04 – Wastewater Treatment Plant Improvements  
Plans and Technical Specifications Approval

Dear Mr. Leamons:

Final plans, specifications, and contract documents for the City of Glen Rose's (City) Wastewater Treatment Plant Expansion project were received by the Texas Water Development Board (TWDB) on October 17, 2024. This project is funded through the Economically Distressed Areas Program (EDAP) Commitment Nos. L1000033, G1000034, L1000453, and G1000455.

The contract documents, prepared by Enprotec, Hibbs & Todd, Inc. and signed by Colden S. Rich, P.E., consist of 23 sheets of plans and one bound set of contract documents and specifications. The proposed project is identified as Wastewater Treatment Plant Improvements. The work includes

- installation of concrete structures and modifications at various locations throughout the plant;
- widening of the reuse pumps channel;
- installation of aerators in the EQ basin;
- installation of equipment covers;
- installation of wash water shield on mechanical bar screen;
- installation of on-line chlorine residual analyzer; and
- installation of pipe supports for air piping.

The contract documents have been reviewed and are approved for general conformance with TWDB programmatic requirements and compliance with 30 Texas Administrative Code Chapter 217 (Design Criteria for Domestic Wastewater Systems). Our review of the documents submitted indicates that the project is designed in general compliance with the Texas

#### Our Mission

Leading the state's efforts  
in ensuring a secure  
water future for Texas

#### Board Members

Brooke T. Paup, Chairwoman | L'Oreal Stepney, P.E., Board Member | Tonya R. Miller, Board Member  
Bryan McMath, Executive Administrator

Arborist USA  
12501 Patnoe Dr  
Burleson, TX 76028 USA  
+18178806130  
info@arboristusa.com  
<https://www.arboristusa.com>

## Estimate 4601



### ADDRESS

Jim Holder  
103 Heritage Pl  
Glen Rose, Texas 76043  
United States

DATE  
12/30/2024

TOTAL  
\$5,250.00

EXPIRATION  
DATE  
03/31/2025

DATE	DESCRIPTION	QTY	RATE	AMOUNT
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DATE	DESCRIPTION	QTY	RATE	AMOUNT
	<b>Plant Health Care Treatment Plan</b> Treatment: Species: (30) Trees on the property Active Ingredients: 1. Imidacloprid insecticide - bark, and soil application. 2. Bifen insecticide - foliage application 3. Carbohydrates - soil microbial amendment application. 4. Antifungal propiconazole. Bark spray and soil application. 5. Fertilization with nitrogen, phosphorus, and potash - soil application 6. Mono di-potassium phosphorus salts fungicide - bark spray, and soil application 7. Chelate iron - soil application 8. Super thrive - soil application 9. Sea weed carbon - soil application Method of Application: Low Volume Macro Infusions( Canisters), Deep Root Inoculation (Soil Injections) and Basal Drench (Spraying). Treatment Activity Plan: The scheduled activity calendar for January 2025. Scheduling an arborist to evaluate the progression of the initial assessment and applications in May 2025 This does not include removals or trimmings. The purpose of this service is solely to treat the progressive diseases, pests, and all other conditions attached above. Treatment is to maintain and subdue the loss of tree(s). Rebuilding the immune system with vigor while treating progressive diseases, pests, and all other conditions. This is not a cure for the diagnosed conditions. Only to help suppress and subdue.	1	5,250.00	5,250.00

You can validate and finalize the invoice or contact Arborist USA to pay over the phone.

**SUBTOTAL**  
**TAX**

5,250.00  
0.00

Arborist USA  
(817) 880-6130 - Office  
(682) 402-2616 - Cell

**TOTAL**

**\$5,250.00**

THANK YOU.