

Public Works Director Report

May 2022

Demand- average daily demand was 476,000 Gallons per Day (G.P.D.)

Total Monthly Production – 14,779,000 gallons

Pumping Capabilities -3.5 Million Gallons per Day (MGD) the daily pumping capability is a combined figure representing the Somervell County Water District's daily pumping capability in addition to the production capabilities of 5 water wells owned and operated by the City of Glen Rose.

- **Emergency Back-up Power for Well Sites & Lift Stations**

An emergency on-site generator has been installed, tested, and is currently supplying emergency back-up power for the Public Works maintenance facility. It operates off of natural gas, and is large enough to power the entire facility. Having an alternate source of electricity at the maintenance facility will enable constant, uninterrupted communications with the SCADA system, ensuring a much faster response time when problems arise. Also, three used generators have been purchased from Federal Surplus Properties. One will constantly supply on-site emergency power at Well Site No. 3. Another will supply power at well No. 2, and the other will be mounted on a trailer for use at six of eight different sewer lift stations. Each of the eight existing lift stations are equipped with a quick connect and a transfer switch to allow for a quick, alternate power source. The city already owns a trailered generator capable of powering the remaining two lift stations, as well as, the water well sites. We are planning to equip each water well site with emergency quick connects, and transfer switches. Once the equipment has been purchased and installed, a written plan will be created for city staff to utilize during emergency situations. New emergency preparedness planning requirements for all water utilities in Texas require that the Public Water System complete critical load notifications to each electrical utility provider, retail provider, the Public Utility Commission (PUC), and the County Emergency Management office. This notification identifies the locations of each critical needs facility, and gives a general description, along with emergency contact information. The deadline for this notification was November 1st. Additionally, the Public Water System must submit to TCEQ an Emergency Preparedness Plan (EPP) no later than March 1, 2022, and implement the EPP no later than July 1, 2022, or upon final TCEQ approval. *The Emergency Preparedness Plan has been submitted to the Texas Commission on Environmental Quality for review and possible approval. No later than July 1, 2022, or upon final TCEQ approval, the EPP must be implemented by the water utility.*

- **Standpipe No.5 Paint Project**

Maguire Iron has expressed concerns with the hot weather upon us, and the effect that has on the paint curing process. City staff have concerns about water supply and demand during peak flow times in summer months. Therefore it has been determined that we should postpone the project start date until the fall.

- **Street Crack Sealing**

City staff have begun the process of sealing cracks in the pavement on city streets that are paved with “chip seal”. This is a project that is recommended to be performed during the winter months. We feel like the “chip seal” streets are more vulnerable to failures so this is where we are focused first. The plan is to continue crack sealing when feasible until late spring. Van Zandt, Texas Drive, 312 (from Tres Rios to Paluxy Summit), Rhett Butler Drive, Bluebonnet, and Glenwood Street have been completed. Lakeview, Wren, and Robin Streets have been completed. **Repair and maintenance parts have been purchased for the equipment. Once the required maintenance is performed, the machine will be functional for the next season.**

- **Spanish Oak Trail & Hilltop Drive Water Line Improvements Project**

This project is currently in the design phase with Enprotec/Hibbs and Todd. ***The existing section of 10” a/c water line that was recently identified along Hereford Street (from the 700 block of Hereford Street to City Well Site No.3 near Tom Rumph Road) has been added to the scope of work for this water line improvements project. The project engineers have had their survey crew surveying the job-site during the first week of August. eHT has provided the preliminary/planning information to Public Management (grant consultant) so they can perform the environmental clearance and grant documentation. City staff met with Chris Hay on Thursday May 5, 2022 to review and discuss the preliminary plans. Once the plans have been reviewed/approved by TxDOT, the final plans will be completed. The water line improvement project will then be advertised for bids.***

- **Valleyview Street Reconstruction Project**

This project is currently in the design phase with Enprotec/Hibbs & Todd.

Chris Hay (eHT) met with city staff for a design review meeting on Thursday May 5th. This project is anticipated to be advertised for bids in June of 2022, and possibly awarded in late June or July of 2022. Construction is estimated to begin in July of 2022 with an estimated completion in September of 2022.

- **Rock Ridge Estates Sub-Division**

City staff continue to monitor and inspect daily, the construction of the proposed infrastructure in the Rock Ridge Estates Sub-division, ensuring that the improvements are installed, or constructed in accordance with the engineered plans and specifications provided by the developer, and reviewed and approved by Enprotec/Hibbs & Todd.

- **Rosewood Addition (Phase II)**

City staff continue to inspect the construction of the proposed infrastructure in the Phase II portion of the Rosewood Addition. This phase is 12 lots and includes drainage improvements, water, sewer, and concrete paving.

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.: 213000

Report for the Month of: May 2022

Number of Active Service Connections this Month: 1307

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		458		0		458
2		389		0		389
3		320		0		320
4		371		0		371
5		400		0		400
6		524		0		524
7		466		0		466
8		518		2		520
9		491		0		491
10		422		0		422
11		502		0		502
12		550		0		550
13		537		0		537
14		632		0		632
15		636		0		636
16		476		0		476
17		480		0		480
18		494		0		494
19		550		0		550
20		397		0		397
21		441		0		441
22		578		0		578
23		377		0		377
24		385		0		385
25		388		0		388
26		452		0		452
27		438		0		438
28		563		0		563
29		545		0		545
30		482		0		482
31		515		0		515
Total		14,777		2		14,779
Avg		476		.06		476
Max		636		2		636
Min		320		0		320

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: Sheldon Bybee

Date: 6-1-22

Certificate No. and Class: WG 0019264