

Public Works Director Report

April 2022

Demand- average daily demand was 428,000 Gallons per Day (G.P.D.)

Total Monthly Production – 12,866,000 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.

***Any new updates to each item are outlined in red**

- **Grand Avenue Lift Station Reconstruction Project**

The old lift station wet-well and electrical panels have been completely demolished. The SCADA components at that site were salvaged, and will be installed and utilized at an existing lift station near Tuscan Village Sub-division. The new SCADA system equipment finally arrived and has since been installed at the new lift station site. Chris Hay (eHT), Oscar (ReyMar Manager), Gabriel (ReyMar Job Superintendent), and I completed a "walk-through" inspection in April to create a punch-list. A final walk-through is scheduled for May 13, 2022 at 10:00 AM.

- **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. We are currently waiting on the automatic transfer switches, disconnects, power cords, plugs, etc. from the electrical supplier. There is currently a big demand for the electrical components as all water/wastewater plants are coming in to compliance with the new rules, so there is a lull in receiving the electrical components needed to be able to utilize the back-up generators. However, the supplier that we are using has indicated that our parts are close to being shipped. An electrical contractor completed the installation of an automatic transfer switch at Well Site No.3. Well Site No.3 is considered to be our largest production point in the distribution system, so this is very beneficial to the water system. We have received shipment of the automatic transfer switches for the remaining water well sites. Installation of the switches will be prioritized and scheduled for each remaining site. **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.**

- **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. **The crack-seal machine is in need of maintenance so there are no changes or updates at this time. The maintenance on this piece of equipment seems to be never ending, requiring a lot of time/attention. We are simply too short staffed at this time.**

- **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 and any comments/changes have been made, 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 Phase 1 of 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.: 2130001

Report for the Month of: April 2022

Number of Active Service Connections this Month: 1306

Date	WATER PRODUCTION					Total Daily Production
	Pumpage to storage and distribution X 1000 Gals					
	From Wells Directly to Distr.	From Wells to Storage Tanks	Purchased Water Directly to Distr.	Purchased Water into Storage	From SWTP or GWUDI Plant	
1		459		0		459
2		404		0		404
3		488		0		488
4		341		0		341
5		391		0		391
6		368		0		368
7		424		1		425
8		395		0		395
9		441		0		441
10		506		0		506
11		435		0		435
12		403		0		403
13		453		0		453
14		364		0		364
15		469		0		469
16		442		0		442
17		547		0		547
18		425		0		425
19		484		0		484
20		481		0		481
21		468		0		468
22		413		0		413
23		426		0		426
24		427		0		427
25		427		0		427
26		393		1		394
27		377		0		377
28		414		0		414
29		326		0		326
30		474		0		474
31						
Total		12865		1		12866
Avg		428				428
Max		547				547
Min		326				326

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: 5-2-22

Certificate No. and Class: WG0019032