

## Public Works Director Report

February 2023

*Demand- average daily demand was 367,000 Gallons per Day (G.P.D.)*

*Total Monthly Production – 10,285,000 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.

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

This project is currently in the design phase with Enprotec/Hibbs and Todd. 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. TxDOT is currently reviewing the plans, and coordinating with Enprotec/Hibbs & Todd. Two letters were sent to TxDOT on August 24, 2022. One is a formal request for an exception to 43TAC Rule 21.37(b)(3) due to the topography of the Highway 67/FM 56 intersection where we have a 10" water main crossing. The other is a formal request to abandon the existing 10" water line in the right-of-way of FM 56. Both will need approval for permitting. TxDOT has finally approved both requests mentioned above. The water line improvements project was advertised for four weeks, and the bids were opened and read aloud on Wednesday, January 4th at 2:00. Enprotec/Hibbs & Todd checked references and presented a bid tabulation, and recommendation of award letter to City Council at the January 10<sup>th</sup> meeting. The project was awarded to Excel 4 Construction, LLC with a total bid amount of \$767,882.00 at the January 10<sup>th</sup> City Council meeting. A pre-construction conference was completed on Tuesday, March 14, 2023 at City Hall. Chris Hay (eHT), Sara Tankersley (Public Management), two representatives from Excel 4 Construction, and I were in attendance. Due to the undetermined lead time on pipe, fittings, etc., a date of notice to proceed, and a required final completion date have not yet been determined. The contractor has been instructed to inform the engineer with an update for the submittals, as soon as possible, so the dates can be determined. The contractor has been informed that excellent communication is expected by the citizens and staff members throughout the duration of the project. Especially planned service interruptions, and street/driveway closures. A draft copy of written notices will be provided for city staff to review before being distributed to citizens.

- **Valleyview Street Reconstruction Project**

**Start Date: Aug.22, 2022/Final Completion Date: March 31, 2023**

Bids for this project were accepted until 10am, on July 26, 2022. A total of four bids were received and opened publicly. The low bidder is Talbran Enterprises, LLC (3245 W. Main Street, Suite 235-523, Frisco, Tx. 75034), with a base bid amount of \$464,919.63, and an additive alternate bid amount of \$74,972.05, for a total contract amount of \$539,981.68. The contract was awarded to Talbran Enterprises at the August 9<sup>th</sup> City Council Meeting. A pre-construction conference was completed on August 18<sup>th</sup>. Demolition of the existing concrete street began on August 22<sup>nd</sup>. The final completion date was set for December 12, 2022, although it can change with documentation of rain days. The concrete curb and gutters have been completed, along with the driveway approaches. The road-base has been installed. The concrete drainage flumes will be installed this week. Once the concrete has cured, the final grade will be prepared for the application of tack coat, and asphalt pavement. The paving portion of the street improvements project has been done. There are some areas of the pavement that are being reviewed by our engineer, the general contractor, and city staff. A site visit is being scheduled to evaluate. I am not satisfied with the quality of work in some areas. The construction of a retaining wall, and final clean-up of the area behind the concrete curbs still needs to be completed. Construction will begin on the retaining wall on Wednesday, March 15<sup>th</sup>, and the remaining clean-up thereafter.

- **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. The retaining walls have been completed in Phase I of Rock Ridge. With that being said, the retaining walls over 4 ft.in height were not constructed in accordance with the approved engineered drawings. Because of that, a signed letter of approval from the developers' engineer was required before acceptance of Phase I. A final walk-through inspection was completed in Phase I of Rock Ridge on Friday, October 30<sup>th</sup>. After one of the recent rainfalls, it was noticed by city staff that a portion of one of the new retaining walls is leaning forward severely. The developers' engineer has been notified, as well as the developer. City staff believes that no building permits should be issued for the affected lots until the problem is resolved. Several building permits for the construction of new homes have been issued for unaffected lots in Phase I. A 70' long portion of the leaning, concrete retaining wall was demolished on January 4<sup>th</sup>. Another portion was later torn down the following day. The developer has agreed to halt construction on the section being re-built until an engineer accesses the situation. There is no change in status on this item.

- **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.

- **TxDOT Transportation Alternatives Project 2023**

A virtual meeting is scheduled with TxDOT for Thursday, March 16, 2023 to discuss the project scope, details, and limits. Sarah Johnson (FTW Project Coordinator) will be leading the meeting, along with Sarah Horner (TxDOT Engineer). Project budget, required right-of-way, potential utility relocations, and estimation of time needed to move the project to construction phase are some specific items that will be discussed.

- **City of Glen Rose Water Levels**

Prairielands Groundwater Conservation District provided data for the Glen Rose water well levels. The data is collected annually, at each of the five, active well sites, by the PGCD. At Well Site No.4 (Bryan Street), the old well is currently being utilized as a groundwater monitoring well.

The link below will direct you to the Texas Water Development Board's Water Data for Texas website to view the most up to date water level in the City of Glen Rose Well No.4 (PGCD-000192) monitoring well. This water well was not plugged so that the data could be collected and recorded. The replacement well is roughly 125' from the monitoring well. Sometimes that is reflected in the data, depending on the activity of the new well.

<https://www.waterdatafortexas.org/groundwater/well/3251105>

# 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:

Feb 2023

Number of Active Service  
Connections this Month:

1337

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		399		0		399
2		358		0		358
3		348		0		348
4		378		0		378
5		372		0		372
6		339		0		339
7		324		0		324
8		181		0		181
9		111		318		429
10		0		251		251
11		0		363		363
12		0		300		300
13		0		400		400
14		0		331		331
15		0		350		350
16		0		346		346
17		0		406		406
18		0		334		334
19		0		385		385
20		0		366		366
21		0		367		367
22		0		361		361
23		0		376		376
24		0		351		351
25		0		346		346
26		0		387		387
27		0		395		395
28		152		590		742
29						
30						
31						
Total		2962		7323		10285
Avg		105.7		261.5		367.3
Max		399		590		742
Min		111		251		181

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: 3-1-2023

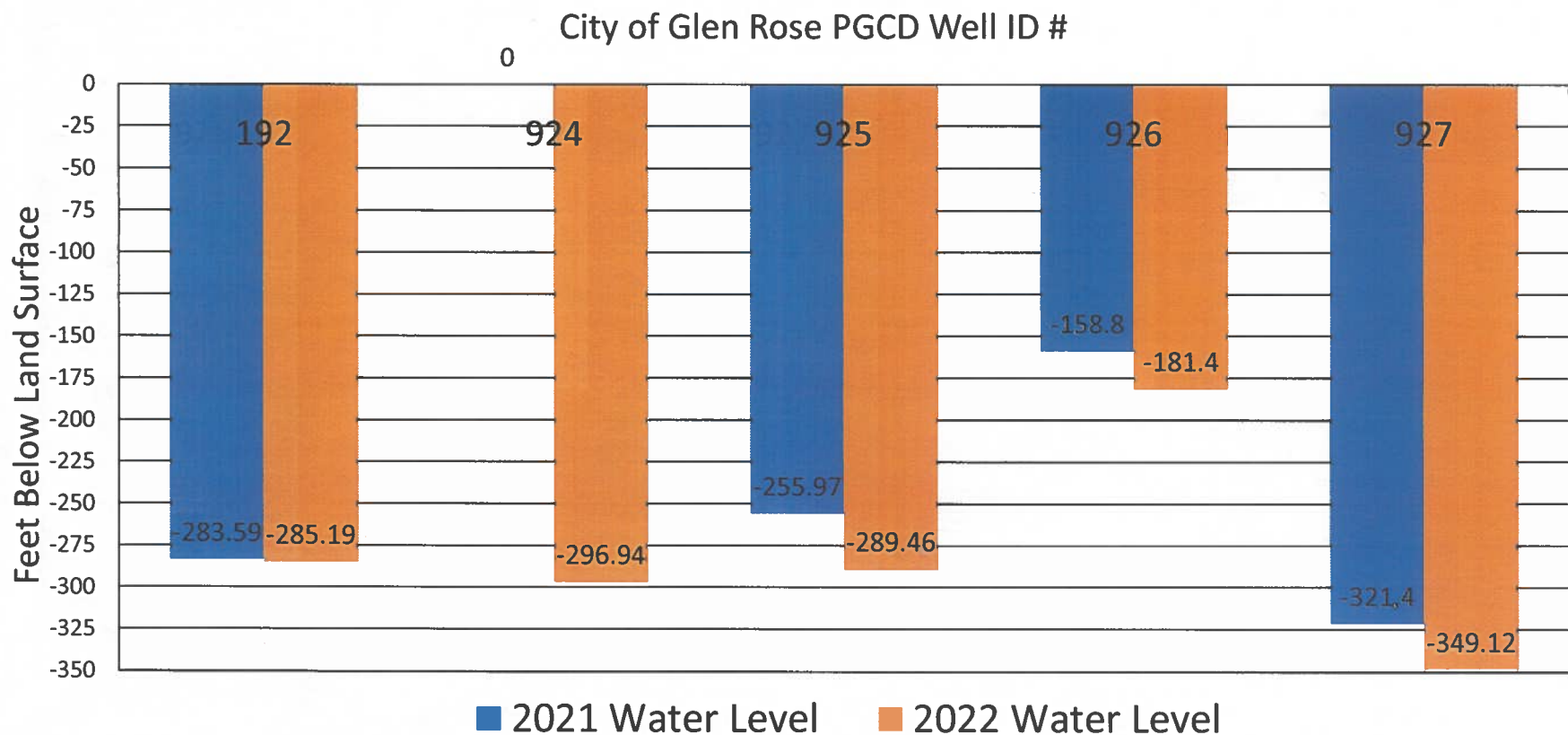
Certificate No. and Class:

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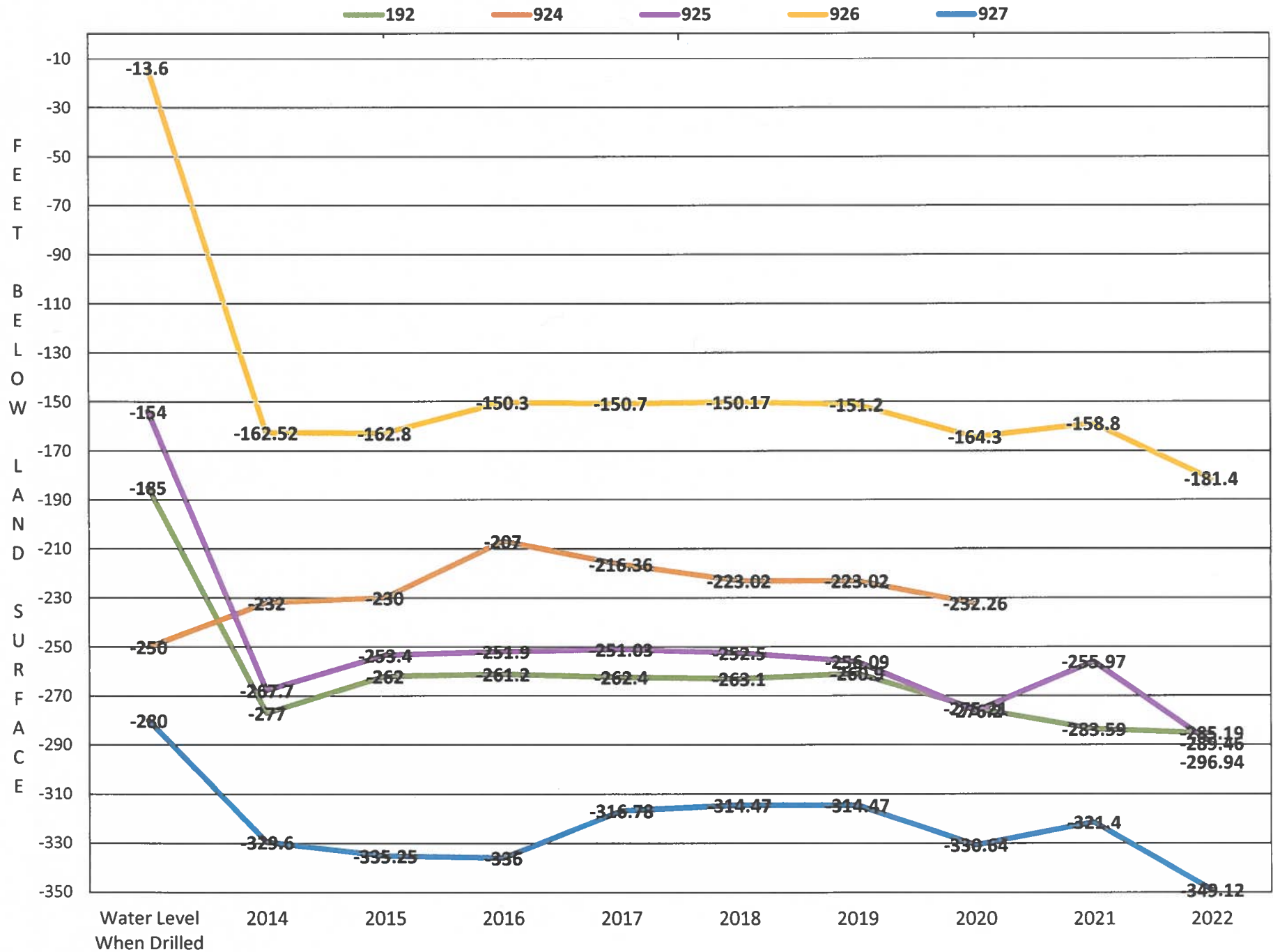
# City of Glen Rose Water Levels

State Well ID	PCGD Well ID	Well Address	2021 Water Level	2022 Water Level	Method of Measurement	Static / Pumping Level	Aquifer	Total Well Depth	Pump Setting
3251105	192	South End of Bryan Street	-283.59	-285.19	E-Line	Static	Hosston	484	N/A
3251108	924	Paluxy Summit Rd	N/A	-296.94	Air Line	Static	Hosston	410	357
3250309	925	1104 Hereford Street	-255.97	-289.46	Sonic	Static	Hosston	472	359
3250304	926	305 East Elm street	-158.8	-181.4	Steel Tape	Static	Hosston	352	294
3242904	927	2850 County Road 301	-321.4	-349.12	Air Line	Static	Hosston	500	460





# City of Glen Rose Well Measurements



State Well Number	3251105	3251108	3250309	3250304	3242904
PCGD Well ID #	192	924	925	926	927
Water Level When Drilled	-185	-250	-154	-13.6	-280
2014	-277	-232	-267.7	-162.52	-329.6
2015	-262	-230	-253.4	-162.8	-335.25
2016	-261.2	-207	-251.9	-150.3	-336
2017	-262.4	-216.36	-251.03	-150.7	-316.78
2018	-263.1	-223.02	-252.5	-150.17	-314.47
2019	-260.9	-223.02	-256.09	-151.2	-314.47
2020	-275.21	-232.26	-276.2	-164.3	-330.64
2021	-283.59		-255.97	-158.8	-321.4
2022	-285.19	-296.94	-289.46	-181.4	-349.12