



MEMORANDUM

PUBLIC WORKS DEPARTMENT

JOHN MULLIGAN – PUBLIC WORKS DIRECTOR

Date: May 26, 2022

To: All

From: John Mulligan, Public Works Director

Subject: Low Water Pressure – Citywide

The City of Sanger is currently encountering low water pressure citywide at various times of the day, particularly between 9am and 1pm and 12am and 4am. With the summer weather upon us, water consumption increases. The City has nine municipal water wells and obtains all of the potable water from them. Currently two wells, Well 2A and Well 14, are offline and they are being repaired. There is also Well 16 which is a new well that should be online in mid-July.

Well 2A is undergoing a rehabilitation. With the ongoing drought, the well drilling companies are very busy. It has been difficult for the current contractor to dedicate a crew to Sanger. The rehabilitation should be completed as early as 5/27/22. The following week they are hoping to have the well re-assembled. After the well is put back together, the City's Water Division will start the well pump up and sample as required by the State Department of Drinking Water. According to the contractor, the results are looking positive for an increase in water production.

Well 14 is offline due to a failure with the Variable Frequency Drive (VFD). The unit's fan failed and the City cannot source a new fan. Electronics have become increasingly difficult to procure. The City is purchasing an entirely new VFD and it should be installed as soon as 6/3/22. The City will then start the well and disinfect and sample as required. Once the well is started, the City will also have to sample for 123-TCP to make sure the filtration media does not need to be changed out. The City has already ordered the filtration material just in case in order to expedite the project completion.

Well 16 is a new Municipal well. While this will be a smaller producing well, the water is much needed. The current construction schedule has the well being commissioned the week of July 7th. Most of the equipment that had long lead times has been ordered.

The City recently received a \$3.8M grant for another new well, Well 22. The well is currently in design and the property in negotiations. Once the City takes possession of the property, a test well will be drilled and the environmental work will be completed. This well is estimated to be completed in the summer of 2024. The City is also applying for State funding for Well 19 the property purchase is being negotiated and once the escrow closes, construction can begin. This well is also scheduled for the summer of 2024. And finally, Well 28, which is funded with ARPA funds, will be located north of the City in the recently annexed Northern Academy Corridor.