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## Water Plant

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The water treatment plant has been running smoothly. In July, the plant was operational for **31** days with an average plant production of **2.4** MGD and a max day of **3.7** MGD.

The operators continue to process the sludge from the reclaim basins as needed. They are gathering the necessary data needed to develop a baseline of sludge production per million gallons treated. This will help us analyze the need for permanent dewatering equipment down the road. So far, the sludge box has proven to be the most effective sludge dewatering device for both cost and ease of operation.

Construction on the Emergency Overflow Pond project has begun. GESC measures have been set-up and approved by Douglas County, removals of the old backwash influent line and decant structure has been completed. RE Monks has completed the rough dirt work on the site which included shaping the pond with sump pit, rough site grading and addition of the berm. Redline will move in next and begin yard piping and additional pond work.

July production was **74.1** million gallons of treated water, **23.7** million gallons of that was for Sterling Ranch.

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## Lift Stations

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The lift stations are running smoothly.

GESC permit for the Lift Station Paving project has been closed as vegetation is complete.

We are pilot testing an Ozone injection unit for odor control at the lift station. We are being told this will eliminate odors at the lift station, eliminate H<sub>2</sub>S formation in the force main and help dissolve grease buildup in the wet wells and force main. If the pilot is successful, we could potentially eliminate expensive chemical injection at the site. We are performing the appropriate testing to ensure H<sub>2</sub>S at the transition vault remains under control.

July saw **23** million gallons of sewage pumped to Littleton-Englewood. Approximately **3.1** million was conveyed for Sterling Ranch.

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## Field

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The field remains busy for July with over **576** locates, most of them were in Sterling Ranch, **181** were in Roxborough.

Brannan continues to work on Rock Wren, both water and sewer lines are installed and being tested. The site is being prepped for re-paving towards the end of August.

QP Services is beginning to install our new sample stations, these will ultimately replace the stations where fire hydrants are being used to collect monthly Bacteriological samples. This was to address comments made by CDPHE during a recent sanitary survey.

Summer helpers continue to keep up on grounds maintenance at the facilities. Fire hydrant maintenance in the distribution system is complete for the year and they continue to perform general upkeep at the facilities and projects as required. Two of the four helpers are complete for the season and the other two will finish up mid-August.

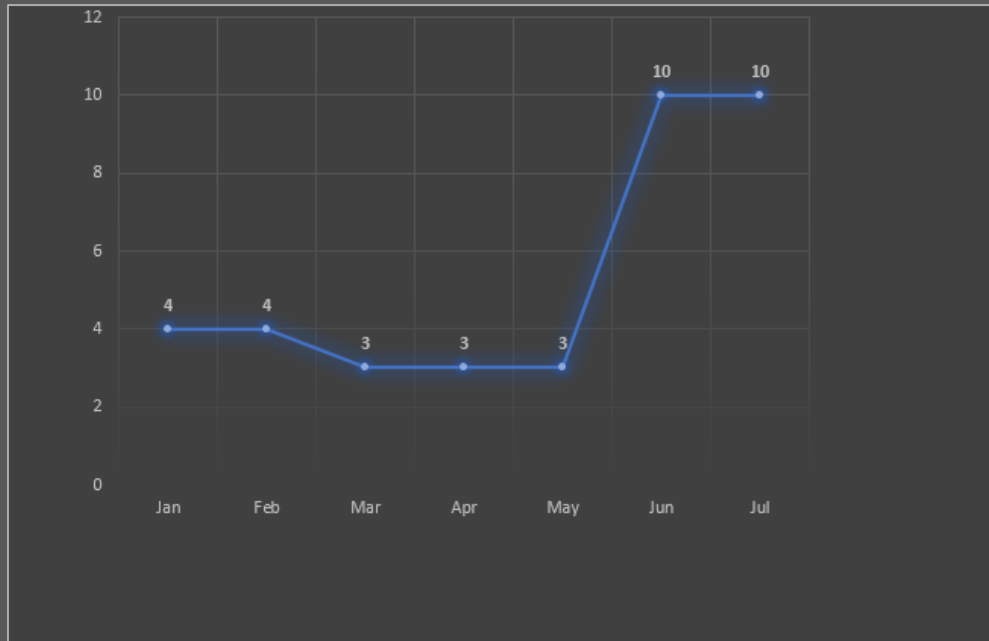
GESC permit for the Zone 3 Paving project has been closed as vegetation is complete.

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## Monthly Averages

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### Monthly Average Usage per K/Gallons



### Monthly Average Bill

