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## Water Plant

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The water treatment plant has been running smoothly. In December, the plant was operational for **13** days with an average plant production of **0.7** MGD and a max day of **2.4** MGD.

We have continued design meetings for the emergency overflow basin at the water treatment plant. We have decided to split the project into two phases due to budget restrictions and current cost estimates, in 2021 we will complete all the pond grading and associated pipework and in 2022 we will complete the process piping within the treatment plant. This will allow us to reseed and get vegetation established in the disturbed areas that we are still under GESC permits for with Douglas County

The distribution system disinfectant has been switched back to chloramines on 01/04/2021, the free chlorine flush was successful getting the nitrification issue resolved but came with a few challenges of its own. The system experienced numerous discolored water complaints that had to be resolved with system flushing, this was somewhat expected but there were more than we thought.

December production was **18.8** million gallons of treated water, **4.3** million gallons of that was for Sterling Ranch.

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## Lift Stations

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The lift stations are running smoothly. Odor issues remain at the lift station with the high H<sub>2</sub>S coming from Dominion. We are still evaluating engineered media replacement vs. natural media replacement for the odor bed on that site.

Progress continues on the 4<sup>th</sup> pump addition project at the lift station, the pump has arrived, and interior suction and discharge piping has begun. The shutdowns are tentatively looking that they will be mid- January for tie-ins of the pump. Electrical work continues, as necessary. Velocity has completed the rebuilding of the odor beds and some gravel placement at the Transition Vaults as part of this project.

December saw **22** million gallons of sewage pumped to Littleton-Englewood. Approximately **2.8** million was conveyed for Sterling Ranch.

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## Field

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The field remains busy for December with over **464** locates with the majority in Sterling Ranch. A total of **204** were for Roxborough.

A final design review meeting has been set-up with the Foundation for the Rock Wren sewer line replacement project where we will share comments from our public meetings and review final alignments.

Alignment challenges are still coming up while trying to complete design of the transmission line upsized in Rampart Range Rd. Meetings with Douglas County are currently being scheduled to discuss the concept of aligning the pipe in Rampart Range Rd.