
Water Plant

The water treatment plant has been running smoothly. In October, the plant was operational for **26** days with an average plant production of **1.4** MGD and a max day of **2.2** MGD. The operators have started working their winter schedule as flows are dropping off.

Construction on the Emergency Overflow Pond project continues. The curb and asphalt have been installed in the bottom of the pond, Redline has performed fine grading on the banks and installation of the decanter items have been completed. Remaining items include revegetation and tree planting.

Construction on Waterton Rd. continues, pavement preparation is being done currently for the southern access road to the WTP. We are gathering quotes for the new entry / exit gates, access control / security components and electrical contractors to complete the project on our end.

HDR has performed a second round of jar testing with different brands of PACL and has started compiling data to begin discussions with CDPHE regarding a full-scale pilot test. We await their final report with their recommendation.

We are in the early stages of investigation of a potential filter underdrain failure. We have found evidence of sand and anthracite in the filter sample line and one of the contact chambers. We are working on determining media levels in the filter now and discussing corrective actions with engineering.

October production was **35** million gallons of treated water, **10.9** million gallons of that was for Sterling Ranch.

Lift Stations

The lift stations are running smoothly. We are evaluating a new pump addition for next year; Water Technology Group is working with TST to properly size the new pump.

The blower at the Transition Vault has failed, Water Technology Group has ordered the parts needed for repair, they should be in in about a week or two.

In efforts to tighten up our collections system and focus on reducing inflow and infiltration we are evaluating flow meter technologies to install in the trunk lines to track it. We will likely install 3 permanent stations at the end of each major trunk line and purchase 3 portable stations that can be moved through each zone to narrow down infiltration hot spots and focus repair efforts there.

October saw **21** million gallons of sewage pumped to Littleton-Englewood. Approximately **3.6** million was conveyed for Sterling Ranch.

Field

The field remains busy for October with over **472** locates, most of them were in Sterling Ranch, **156** were in Roxborough.

Valve maintenance continues in the Village, the guys are making good progress.

There are a couple sewer service line repairs scheduled that are in the District's boundaries to repair. One is approximately a 20' sag in the middle of a cult-a-sac that will be a two-day repair. These typically are discovered during the home selling process and video scope of the service lines.

Brannan has completed all punch-list items on Rock Wren and is working with TST on a final pay app.

We have completed the Pre-Submittal meeting with Douglas County for the Rampart Range Rd. Transmission line Project. Minor comments are being addressed and we are working with RVMD to finalize the easement agreement for the staging area and Denver Water on the crossings.

Monthly Averages

