

Operations Update

Plant Operations – Treatment for the month of February went very well, no upsets that affected treatment. There was a little hiccup the first weekend of March; the plant received an excess amount of solids which caused a couple days of higher final suspended solids.

DAFT Polymer Trial – Fremont Water Solutions came in and bench tested polymer for the DAFT. They did have a polymer that worked very well, maybe even slightly better than our current polymer. The plant will be receiving 10 gallons of their polymer to test.

Maintenance Update

Bio-Filter – The changing of the stone and wood media has been accomplished.

Turbine Pump #2 – Pump has been removed and shipped out for rebuild. No update at this time.

Area Velocity Flow Meter – Mulcahy Shaw came back and installed a working laser flow meter. Some foam and a few fish swimming in the manhole affected the accuracy of the meter. They are going to relocate it and demo it in another area.

ACTI-FLO Sand Pumps – On a yearly preventative maintenance schedule the plant checks the liners in the sand pumps. In the first few years of having these pumps there were red rubber liners in them which were getting replaced on a yearly basis due to the red rubber swelling up and binding the impellor. In 2012 they were replaced with a nitrile liner and this had kept the plant from needing to replace all the liners on the six pumps yearly. There has been a few suction liners and impellors replaced over the last couple years. This year the plant had to replace the suction and gland side liner plus one impellor in two pumps. The cost of the parts came to \$15,407.00.

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