Operations Update

Plant Operations – Plant operations and treatment were good during the month of July. During the first half of July there were a few significant rainfall events that caused higher flows in the plant; peaked at about 23 MGD in the last rainfall event on the 7/14. There were no blending events.

Phosphorus Analyzer (Biostyr Effluent) – The analyzer installation has been completed and William Reid came in for startup training. Also, the analyzer will be connected to the SCADA system and HACH WIMs for data storage.

Sulfuric Acid for Bio-Filter – The labor dispute was settled on 8/5 and employees were to report back to work on 8/9. It is anticipated to take until possibly late September before it is available. In the meantime, the plant will continue to use muriatic acid.

Maintenance Update

Water Champ Guide Rail System – Received an updated cost for the bypass pumping to repair the guide rail system by Crane Engineering. Due to increases in rental costs Crane Engineering had underestimated the cost to do the job. However, their total cost to bypass pump and fabricate the new guide rail system comes in less than the competitor quote.

Allen Bradley VFD's – The drive for the reuse pump has been installed & the drive for the ventilation system is scheduled to arrive 8/24.

Ethernet to Device net Linking device – Had a failure on the linking device for Motor Control Center 40. The plant keeps one of these devices in stock so it was changed and LW Allen connected to the system remotely to activate the device.

Control logic power supply – The programable logic controller (PLC) power supply had failed; this is another device that is kept in stock. Power supply was changed and the PLC was back in operation. The last time a power supply had failed was in 2019.

Laser Flow Meter Modem – The cost to go global with the laser flow meters is about $1,300 a year. Still waiting for an official cost from Mulcahy Shaw.

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