

Operations Update

Plant Operations – Plant operations and treatment were good during the month of June. The plant had higher than average flows for a few days starting on June 26th due to 4 inches of rain over a two-day period. The plant peaked just above 16 MGD.

Phosphorus Analyzer (Biostyr Effluent) – The analyzer has been mounted and holes core drilled in the floor for the suction and discharge of the pump. The plant is still waiting to receive a few pipe fittings so the piping can be completed. William Reid will be coming in for startup and training. Also, the analyzer will be connected to the SCADA system and HACH WIMs for data storage.

Sulfuric Acid for Bio-Filter – Recently was contacted by our Hydrite Chemical Rep who informed me that there is a shortage of sulfuric acid due to a labor dispute and it will not be available. If they were to settle the dispute in the next week, deliveries would not resume for several months. The plant will be switching to muriatic acid until the sulfuric becomes available.

Maintenance Update

Water Champ Guide Rail System – Received two quotes of three requested for bypass pumping plus install of a new guide rail system. Received a quote from August Winters for \$25,000 and a quote from Crane Engineering for \$9,800. To purchase the guide rail system from the manufacturer the cost was \$31,000; To make a long story short Crane Engineering will fabricate it with extra supports for an additional \$6,850, so for a total of about \$16,088 the plant will have a new water champ guide rail system in place.

Allen Bradley VFD's – Recently had two drives fail; one on a ventilation system in the solids building, replacement cost of \$3,671, the other on a reuse water pump, replacement new \$6,720. An exchange unit was \$3,805; so we went with the exchange.

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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