

Operations Update

Plant Operations – Plant operations and treatment were good during the month of October.

High Flows – The plant peaked out at about 30 MGD during the early morning hours of September 23, 2020. There was no diversion around secondary treatment.

Seven Oaks Land Purchase – On October 28, 2020 the District closed on the Seven Oaks land purchase.

Maintenance Update

PLC Upgrades at Meter Stations – Upgrades at meter stations and to plant SCADA still on schedule for first part of December.

ATAD Liquid Level Sensor – The liquid level sensor for the ATAD has recently started to lose calibration (14 years of service). Thermal process systems has updated the style of sensor and will be coming on site to assist in the set up of the new style sensor.

Electronic Motor Overloads – Recently had an electronic motor overload go bad (E3 Plus). Rockwell Automation has started to phase out this style of motor overload. Now have replaced it with a new overload (E300) - it is not just a plug in and go. LW Allen is assisting in getting the communication established with the new device and will be on site November 17th to get it set up. When this is complete it's anticipated that they will be able to connect remotely when other devices need to be replaced.

Ethernet to Device Net Communications – With the latest on the electronic motor overloads in the MCC's, it led to a conversation with LW Allen about the EN to DN communications within the MCC's. Currently there's Ethernet communications to the MCC's from where it goes through a device to change to Device net which communicates to each MCC bucket. I'm currently working with LW Allen on the cost of an upgrade to go to all Ethernet communications. Back in the 2006/2007 upgrade the plant was on the very end of the EN to DN communications arrangements. Shortly after that time communications to the MCC buckets went all Ethernet.

Kevin Skogman
Director of Operations & Maintenance