

Operations Update

Plant Operations – Plant operations and treatment were good for the month of October. On October 10th the plant had a peak flow event and there was 120,000 gallons of partially treated water that was diverted around secondary treatment.

Bio-solids Hauling – United Liquid Waste finished hauling bio-solids near the end of October. Total of 4 million gallons hauled this year.

PLC's Firmware Update – Recently had Ethernet to Device net module fails on both MCC's in the biostyr blower building. When these devices go bad it shuts down all equipment on the particular MCC that its monitoring. A spare is kept in stock, when replaced it needs to be programed to communicate between PLC and MCC. The original EN to DN modules are obsolete, the new are updated modules. This required a firmware upgrade on the PLC's and having LW Allen coming to the plant to do the firmware upgrade. All PLC's were upgraded so in the event another EN to DN module fails in any of the MCC's it can be programed remotely by LW Allen.

With this failure it required the biostyr to be operated in manual mode. There was no adverse effect to secondary treatment while waiting to get the firmware upgrades on the PLC's. Also, there has been an SOP written to run in the manual mode in the event this happens to biostyr again.

Maintenance Update

Laser Flow System Meters – The plant received the first order of laser flow meters for the meter stations. The flow meters have been installed and Mulcahy Shaw will be on site to set up the flow meters.

HOV Agricultural Land (Grass Buffers) – Due to the wet weather during the month of October the grass buffer zone and rock equipment crossing has been delayed on the HOV property along ZZ.

ATAD Digester – The cleaning of the digester is scheduled for the last week of November; all equipment related will be inspected and repaired at that time.

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