

Operations Update

Plant Operations – Despite the record snowfall during the month of April and the spring melt, treatment continued to do well for the month.

ACTI-FLO and DAFT Polymer Trials – The DAFT polymer received from Fremont Water Solutions was tested and results were very comparable to the current polymer being used. The 55 gallon drum of ACTI-FLO polymer worked but dosage rates had to be adjusted higher than current polymer rates.

Hydrite Chemical came in to do some bench testing of polymer for the ACTI-FLO and we'll be testing ten gallons of a polymer that did well on the bench test. If their polymer performs well I'll be ordering a 55 gallon drum to run a week-long test on that polymer. Hydrite will be coming again in the future to bench test a DAFT polymer also.

Plant Electrical Power supply – On Sunday April 22nd Kaukauna Utilities had a scheduled power outage due to some electrical distribution work. The plant had switched to the alternate source prior to the outage then back to primary source when the work was completed. The outage lasted for about 6 hours.

On Wednesday, April 25th around 9 PM the plant experienced a short outage but not long enough to switch to alternate source. It did cause some equipment to shut down which called in the Operator on standby. On Friday April 27th around 9:45 PM there was another outage; this outage did cause the plant to switch to the alternate source. The Operator on standby was called in due to the primary source voltage loss and some equipment going down. The plant then switched from the alternate source to the primary source when power was restored to the primary that evening. The plant Foreman was called in to do the switching.

Seasonal Disinfection – On May 1st disinfection season began and will go through September 30th. Prior to the season starting the chorine contact tank had been cleaned.

Compliance Evaluation Inspection – On May 9th our current Basin Engineer Barti Oumarou along with Mark Corbett's replacement Roy Van Gheem will be on-site to do their compliance evaluation inspection.

Compliance Maintenance Annual Report (CMAR) – The 2017 CMAR is now available on the DNR switchboard and is due by June 30th. The plant will be working on it during the next few weeks and a Resolution will be presented at the June commission meeting.

Maintenance Update

Turbine Pump #2 – The rebuild of the pump is complete and Fairbanks is doing their testing on the pump for efficiency. Its due back here on May 22nd and will be installed that same day. LW Allen will be in to do start up on the pump that same afternoon.

Area Velocity Flow Meter – The demo laser flow meter has been installed at Meter Station 5 South. There had been some issues after the modem was installed as far as receiving the real time data. Mulcahy Shaw made a site visit to get it working correctly.

Biostyr Blower – The exchange blower has been received, installed, and put in service.

Kevin Skogman
Director of Operations & Maintenance