

## **Operations Update**

Plant Operations – Plant operations and treatment were good for the month of July. No credits were used from the treatment basin.

Bio-Solids Hauling – Because of land availability, United Liquid Waste came in to haul bio-solids. The plan was to haul 1.5 - 2 million gallons then come back in the fall and finish when crops come off the fields. Because of weather conditions they are still here and with recent storms it will be another week or two before they can continue.

July 20<sup>th</sup> Storm – With the large amount of power outages in the area from the storm that came through that day, the plant was OK. The primary power coming into the plant had a couple of bumps which caused some equipment to shut down, but it never went out. The backup power supply was on and off for most of the day. There was some concern when the second wave of storms came through due to not having a reliable secondary source. We kept our fingers crossed that the primary power wouldn't go out and once the threats of storms were over all was good. Secondary power was out for about ten hours.

There were no blending events due to the storms that day.

## **Maintenance Update**

ATAD Foam Level Gauge – The radar gauge for measuring foam level in the ATAD had failed. Replaced with new updated gauge at a cost of \$4,883.00.

ATAD Bio-Filter Temperature Probe – The temperature gauge had failed and needed to be replaced at a cost of \$1,291.00.

Peak Flow Pump #4 Shaft – Peak flow pump had failed; upon further inspection we found that the impellor had dropped off due to the shaft breaking. Ordered new pump shaft to repair the pump at a cost of \$2,555.74.

Waste Haulers Station Pumps – Earlier in July the plant had one of the pumps fail and a new one was ordered. A week later the other pump failed but were able to get it up and running until the first new pump came in. The second pump was ordered after it had failed and was just recently installed because it finally failed for good. These pumps were \$4133.00 each. Due to the environment these pumps generally last 2 - 3 years.

Main Entrance Gate – For some time now the main entrance gate has not been working properly. Trouble shooting found that the gate operator was OK; it was the failure of the Door King Multi Door Access Controller. Communications Engineering Company from De Pere recommended a new Access Controller and keypad and a firmware upgrade to the computer program. The quote to upgrade the system is \$2,831; it is currently in the process of being installed.

Laser Flow System Meters – The remaining six laser flow meters have been ordered.

HOV Agricultural Land (Grass Buffers) – The three rock equipment crossings and cleanup of one grass buffer zone is scheduled to begin next week. With the cost sharing agreement, the cost to the Heart of the Valley MSD will be \$6,000.00. This could possibly be delayed now due to the recent rains.

Kevin Skogman  
Director of Operations & Maintenance