

EMPLOYEE NEWSLETTER

WHAT'S GOING ON AT UMHJSA

September 2025



Grit Chambers:

Grit collector #2 replacement parts are on site awaiting Eastern Environmental to begin demo. The original mid-August anticipated time frame for completion is pushed back to October 2025 with grit collector #1 hood installation following shortly after. An outside contractor will now install the hood.

Screw Press #2:

The Phoenix belt press is out of here! Along with the main horizontal belt and K-Tron units replaced by the new horizontal screw and cake pump. Things are looking good for the future of dewatering at the Authority. The scheduled dry startup of the new horizontal screw is September 23rd. After proper operation is confirmed, Eastern Environmental will position the inclined screw conveyor back to its original position. Between September 22nd and October 1st, the furnace will be put in a cold shut down for BSI to install the new PLC for dewatering operations. Official start up and operation of the new press is scheduled late October 2025.

Primary Effluent Pump Station (PEPS) Upgrade:

The PEPS construction is underway. A temporary C-Box has been positioned where BSI has transitioned all controls. Zimmerman Environmental has begun constructing the building addition. Various plant personnel have done a fantastic job painting the old and new portions of the building. The anticipated time frame for completion is currently late October. Flygt pumps 1 and 3 will be replaced with new KSB pumps in Fall 2025. The dry well valves and pump flow meters will be getting installed in 2026.

Primary Tank Repairs & Upgrades:

Concrete rehab and new drawing valves have been installed on primary tanks 4, 5, and 6. Tanks 1, 2, and 3 are last to be completed this year, hopefully before the end of October 2025. We continue to "test drive" the new drawing valve operators to decide what style best fits our needs. The Authority is open to any input on the operation of these valves. Next year, primary tanks 7-12 will be targeted for similar rehabilitation and valve replacement.

UV System Replacement:

Engineering on a replacement Trojan UV System is near completion. We are to hear about our grant application to assist with funding this project. The anticipated timeline of this project is November 2025 through Spring 2027ner 2026.