

City of Bayard Wastewater Treatment Plant

August 2022

08-01-2022: Plant staff worked on weeds around the plant. Chino Mines asked plant staff to knock down a berm and make a road for them to get to their worksite for the effluent water pump house. Turned The #2 and #3 drying beds, pulled the sludge out of the #1 drying bed.

08-02-2022: Dement Electric came down to plant to test the #3 influent pump. Pump was found to be bad, wired-up spare pump and installed it into the influent wet well. Plant staff worked on weeds around the plant. Plant staff had a meeting at the North Hurley lift station about the pumps not working.

08-03-2022: Plant staff filled the Bobcat and Case backhoe and then filled up diesel bulk tank. Acid tank for #2 UV filled.

08-04-2022: Plant staff checked the chlorine in the wash water room, checked the fire extinguishers and eye wash stations. Worked on weeds around plant.

08-05-2022: Plant was hit with a power outage.

08-08-2022: Plant staff took in the 2021 F-150 to have rock chip repaired in windshield. Plant staff unplugged the #1 drying bed.

08-09-2022: Electrical contractors working on the screw press room had plant staff shut down the MCC2 so that they could connect their wiring. Plant staff had to monitor affected systems physically to make sure that they were running. This shut down could be the 8th time the UV system has been shut down which shortens the life of the lamps. Plant staff called out for the #3 influent wet well pump.

08-10-2022: Dement Electric came down to the plant to check on the #3 influent pump. Turn the #2 and #3 drying beds. Plant had 3 power surges. UV system ended up on the #1 UV unit.

08-11-2022: Plant staff troubleshooting chlorine issue in the rec plant. Plant experienced power surges.

08-12-2022: Leak on water bellows on the chlorine pump in the rec plant. System bypassing brine into the drain. Plant staff shut down skid pumps and filter pumps in the rec plant.

08-15-2022: Rebuilt #1 drying bed, turned the #2 and #3 drying beds.

08-16-2022: Plant staff changed out the water bellows in the rec plant. Cleaned out turbidity meter chamber, called ICI to see why alarms wouldn't clear out of system tied to the rec plant so that water could be sent to the storage tank.

08-17-2022: #1 digester dewatered to the angle iron, turned air back on and shut down the #3 digester. Turbidity meter had a glitch and was frozen.

08-18-2022: Chlorine system in the rec plant had a failure. Plant staff had to shut down the skid pumps from pumping water to the cemetery for the rest of the month due to E-Coli Being out of range on the E-Coli Test. Plant staff started to dewater the #3 digester.

08-19-2022: Plant staff arrived in the morning to find the top gate lock had been cut off and the gates wide open. Plant staff had to purchase another lock to place on the chain to lock up the gate. Plant staff worked on the chlorine system in the rec plant.

08-22-2022: Plant staff had to unplug the #2 scum pump and pump down and hose down the #2 scum pit. Turn the #2 and #3 drying beds.

08-23-2022: #2 digester didn't dewater. Plant staff finished cleaning the #2 scum pump pit.

08-24-2022: Dumped the #2 digester to the #1 drying bed. Plant staff had to replace the polymer pump hose during the pour due to a hose failure. Plant staff sprayed weeds in the drainage ditches at the Plant and the Rec Plant and sprayed the Rec plant yard.

08-25-2022: Plant staff shortened the chain at the top gate coming down to the plant. Cleaned DO probes on the aeration basins. Tried to tighten bolts on the main blower pipe in the blower room but found the gasket to be leaking and not able to seal. Sprayed the bar screen. Turned drying beds #1, #2, and #3.

08-26-2022: Chlorine system down in the Rec Plant, called Jim Hawkins to help trouble shoot it. Plant staff made a trash run.

08-29-2022: Turned the #1, #2, and #3 drying beds.