City of Bayard Wastewater Treatment Plant

August 2020

08-03-2020: Plant staff called out for plant power failure alarm at 6:49am. Power failure caused by power bump.

08-04-2020: Plant suffered a power bump at 8:59am and 9:05am, when this happens all systems are shut down and brought up on emergency power. This stopping and starting kills the lamp life in the UV units. Turned the #1 and #3 drying beds. Plant staff checked all of the fire extinguishers and lubed and sprayed the barscreen with graphite spray. Plant staff unloaded the shipment of chemicals for the North Hurley lift station.

08-05-2020: Plant staff filled the bulk diesel tank and topped off the generators. changed out the hose on the turbidity pump in the rec plant.

08-06-2020: Plant staff rebuilt the #2 drying bed and rebuilt the #1 UV unit and got it back on line. Turned the #1 and #3 drying beds and worked on the chlorine system in the reclamation plant.

08-07-2020: Plant staff dumped the #1 digestor to the #2 drying bed.

08-10-2020: Turned the #1, #2, and #3 drying beds. Turned the sludge stockpile. Dewatered the #3 digestor.

08-11-2020: The treatment plant suffered another power bump at 8:58am and at 9:05am which shut down the UV units, a call was placed to Brad Kimick who is an engineer with PNM and a message was left for him to return the phone call. No phone call has been received. This time the power bump crashed the plant computer and a call was placed to Tom Kochvar who was able to get the computer back up and running for the plant. Tom is also going to give a date on when the new

computer will be installed at the plant. Plant staff worked on weeds around the plant finished dewatering the #3 digestor and covered up a hole for the maintenance in the dog pound.

08-12-2020: Plant staff changed out the eyewash solution in the eyewash stations and worked on the chlorine system in the rec plant with Matt Dement.

08-13-2020: Plant staff worked on the weeds around the plant, turned the #1, #2, and #3 drying beds.

08-14-2020: Power bump at 2:38pm took out the #2 UV unit.

08-16-2020: Power bump at 6:32pm and 6:38pm plant alarm called out plant staff. UV units were shut down.

08-17-2020: Dement electric came down to the plant to check the #2 UV unit found a capacitor had blown out. Dement electric also found the UPS system in the UV room was fried and the batteries in the UPS unit in the lab were bad said they would try to track down some replacements. Plant staff worked on a leak on the ac unit on the reclamation plant.

08-18-2020: Power bump at 8:58am shut down the UV units and forced the generator on. Plant staff cleaned the lab and the influent level indicator in the influent wet well.

08-19-2020: Plant staff pulled the sludge out of the #3 drying bed and added it to the sludge stockpile.

08-20-2020: Plant staff started to dewater the #1 digester.

08-21-2020: Plant staff dumped the #1 and #2 digesters to the #3 drying bed.

08-24-2020: Plant staff turned the #1, #2, and #3 drying beds.

08-25-2020: Power bump at 8:58am/9:05am/9:08am/9:15am/9:19am. These power bumps shut the plant computer down and the UV units' multiple times. Plant staff worked on the weeds around the plant.

08-26-2020: Plant staff made a trash run to the transfer station.

08-27-2020: Hauled sludge to the Silver City landfill, Turned the #3 drying bed. Pulled sludge out of the #1 and #2 drying beds and added it to the sludge stockpile.

08-31-2020: Finished pulling sludge out of the #1 and #2 drying beds turned the #3 drying bed.