

City of Bayard Wastewater Treatment Plant

December 2021

12-01-2021: Plant staff finished installing the #2 aeration blower. Started to dewater the #3 digester.

12-02-2021: Turned the #1, #2, and #3 drying beds. Checked fire extinguishers. Dewatered the #3 digester.

12-03-2021: Finished dewatering the #3 digester. Dumped the #1, and #2 digesters to the #3 drying bed.

12-06-2021: Pulled the sludge out of the #1 and #3 drying beds and turned the #2 drying bed.

12-07-2021: Plant staff tore apart the #1 aeration blower check valve to see why blower motor would run backwards. Check valve was BO. Turned on the #2 aeration blower to see if it would stay running or if it would kick out.

12-08-2021: Plant staff filled the chlorine tank in the washwater pump room. Lubed and sprayed the headworks barscreen and made a trash run.

12-09-2021: Plant staff started to work on the clarifier sprayers.

12-13-2021: Plant staff replaced all the check valves on the aeration blowers. #1 and #2 aeration blower still kick out when run in auto. Placed a call to an electrician to come and check out the #1 and #2 aeration blowers.

12-14-2021: Turned the #2 and #3 drying beds. Dement electric came down to the plant and installed a new UPS at the effluent pump lift station and checked out the #1 and #2 aeration blowers. Found out that the overload faults were being tripped

out due to resistance in the aeration piping when digesters were low. Plant staff adjusted the aeration valves to ease the resistance off of the blowers.

12-15-2021: Plant staff calibrated the turbidity meter in the reclamation plant. Dewatered the #3 digester.

12-16-2021: Plant staff checked the amps being drawn on the #1 aeration blower and found the amps to be at 46.3 with the #1 digester at the draft tubes, the #2 digester was full. The #3 digester had 6' of clearance. Hauled sludge to the Silver City Landfill.

12-20-2021: Turned the #1, #2, and #3 drying beds.

12-21-2021: Plant staff power washed off all the oil residue that was on the aeration blowers to help keep the blower heat retention down.

12-22-2021: Finished power washing the blowers.

12-23-2021: Plant staff gathered all of the fire extinguishers around the plant to get inspected by DMCO.

12-27-2021: Turn The #1, #2, and the #3 drying beds. Shut down the #2 digester to dewater. Checked the #1 aeration blower amp draw. The amps were at 44.6

12-28-2021: Haul sludge to the Silver City landfill.

12-29-2021: Plant staff changed out the air filters on both of the UV panels. Finished dewatering the #2 digester.

12-30-2021: Plant staff checked the amp draw on the #1 aeration blower and found it to be at 45.3.