

City of Bayard Wastewater Treatment Plant Monthly Report

Reporting Period: July 16, 2026 - August 13, 2026

The Wastewater Treatment Plant continued to operate reliably throughout the reporting period while staff addressed emergency responses, equipment maintenance, ongoing facility improvements, and future infrastructure planning. All required testing and monitoring were completed, and the facility remained in compliance with operational requirements.

Operations and Emergency Response

- Responded to a plant-wide power outage on July 18 that resulted in multiple equipment breakers tripping.
- Responded to two power outage-related call-outs at the North Hurley Lift Station on July 19.
- Responded to storm-related breaker trips on August 1 and August 4.
- Responded to issues involving an influent pump that remained running unexpectedly on August 2.
- Responded to operational issues with Aeration Blower No. 3 on August 9.

Equipment Repairs and Improvements

- Four new rear tires were installed on the dump truck, replacing all rear tires to improve safety and reliability.
- Dement Electric completed the rebuild of the Aeration Blower No. 5 electrical cabinet and converted the blower from a Variable Frequency Drive (VFD) system to a soft starter configuration.
- A side-by-side utility vehicle was picked up from Silver Power Sports and placed into service.
- UV bulbs were replaced, and the UV sensor was cleaned, restoring UV intensity readings to normal operating levels.
- QA Calibration completed calibration of laboratory equipment to ensure testing accuracy and compliance.

Infrastructure and Capital Planning

- Troubleshooting efforts identified a failed float in the influent lift station. Repairs could not initially be completed due to sewage levels preventing safe access to the vault.
- Staff worked on August 12 and 13 to clear and unclog the influent vault, allowing access for necessary repairs.
- A hole was discovered in the piping associated with Influent Pump No. 2 and is being evaluated for repair.

- A project planning meeting was held with Martha Salas and Matt Dement to discuss electrical upgrades to the UV system, MCC-4, Reclamation Plant, and Influent Lift Station.

Intergovernmental Coordination and Safety

- A meeting was held with the Mayors, Clerks, and Maintenance Supervisors from Bayard, Santa Clara, and Hurley to provide operational updates and discuss the current status of the wastewater treatment plant.
- A joint safety meeting was conducted between the Maintenance Department and Wastewater Treatment Plant staff to discuss safety practices and operational coordination.
- While no formal cross-training activities were conducted during this reporting period, equipment and resources continued to be shared between departments as needed to support operations and maintenance activities.

Grounds Maintenance and Site Improvements

- Staff continued weed control and general grounds maintenance throughout the facility during the reporting period.
- Millings were loaded and stockpiled for future road improvement work near the dog shelter.

Regulatory Compliance and Plant Performance

- Approval was received from Environmental Code Enforcement to resume sludge hauling operations.
- All required operational testing, sampling, and laboratory analyses were completed during the reporting period.
- Plant performance remained stable, and all testing results were within acceptable operating parameters.
- The facility remained in compliance with applicable operational and regulatory requirements.