



## January-February 2024 Project Update

The General Contractor (M.A. Bongiovanni, Inc.) placed flowable fill in abandoned pipes beneath proposed Primary Digester (PD) #1; installed bypass piping to enable reconfiguring Primary Effluent (PE) yard piping, transferred flow by installing a line stop, and after completing the yard piping work – removed line stop and bypass piping; backfilled PE force main connections and bypass saddles; excavated/established subgrade for PD #1 slab and began shaping stone subgrade; installed Digester Sludge and Cooling Water (CW) piping under slab piping at the Dewatering and Dryer Building (D&DB), formed encasement and installed rebar; continued installing 12" digester Overflow piping; installed a portion of 6" CW and 4" drain piping towards the cooling tower; and completed abatement and pipe demolition in the Digester Control Building (DCB).

The Electrical Contractor (O'Connell Electric Company, Inc.) started and finished pulling underground feeders:

- Electrical Manhole EMH-1B to EMH-1 = 11 Sets
- EMH-1B to Dog House = 3 Sets
- EMH-1D to EMH-1G = 14 Sets;

continued and finished installation of branch conduit and 480V wiring to the scum pipe actuators, and installed new buckets in Motor Control Center MCC-7; started core drilling in the Solids Handling Building (SHB) basement for the SHB-MCC feeder conduit, and started running feeder/branch conduit; and started branch conduit for the Septage Receiving Station equipment upgrade.

The Heating, Ventilation and Air Conditioning (HVAC) Contractor (King & King Mechanical, Inc.) has not yet mobilized to the project site and continues to prepare submittals for engineering review and coordinate activities in master project schedule.

The Plumbing Contractor (Siracusa Mechanical, Inc.) has not fully mobilized to the project site and continues to prepare submittals for engineering review. They anticipate weekly site visits for contractor coordination purposes.

The Project Engineer (Brown and Caldwell) continues to review contractor shop drawing submittals, address requests for information (RFIs), provide inspection services and general construction administration services.

The Contractors, Engineer, and City staff met on January 10 for the Monthly Construction Progress and Coordination Meeting, and on January 24 for the Mid-Month Progress and Coordination meeting. The Project is on schedule and on budget.

Project Construction Photos from January 17, 2024:





*ABOVE: Primary Effluent Bypass Piping Preparations*

*BELOW: Bypass Installed; Line Stop (gray cylinder) is next to piping and shuts down flow within the pipe creating the flow diversion through the bypass*







*ABOVE: Primary Effluent Bypass Piping Discharge into Aeration Tank (Secondary Treatment)*





*ABOVE: New Primary Effluent Pipeline ready to be connected to existing once bypass is active  
BELOW: Connection completed; the pipe then receives a concrete thrust block in the void  
behind the elbow for restraint and then backfilled*









*ABOVE: New 36" Primary Effluent pipeline is reconnected to the existing pipeline, completing the redirection of flow; concrete thrust block added behind pipe elbow after bolts tightened*



*ABOVE: New Feedstock Tanks at Solids Handling Building - preparation for concrete pour*