



PROJECT REPORT – October 7, 2022

PROGRESS: SCHEDULE = **12.2% COMPLETE**
\$26.9M PAID OF \$235M TOTAL (**11.3% SPENT**)

WORK COMPLETED IN THE LAST MONTH

- Construction of two sludge pits has progressed. The sludge pits will collect and pump all the solid materials that settle out of the water during clarification. They will also be used to drain treatment facilities for maintenance. They are the first facilities related to the future treatment processes to be constructed.
- A high water table in the area made excavation in certain key areas impossible. Extensive sheet pile driving was completed to facilitate the required excavation.
- Crews continued to pour concrete support walls to reinforce parts of the existing treatment facility.
- Preparatory work (excavation, formwork, rebar) associated with the installation of two, 72" diameter steel pipes has progressed. These pipes will be concrete encased and will lie beneath the future treatment plant.
- Pre-casting of wall panels for the new clarifier units has begun. These panels are being built on a separate SPRWS property and will be transported to the site next spring for installation. Pouring the panels in advance allows the concrete to cure and ensures that we're ready for installation as soon as warm weather arrives.
- Improvements to chlorine and ammonia warning system have been made. These improvements will increase safety in the unlikely event of a chemical leak or spill.
- All detailed design work for the new facility has officially been completed!



West Sludge Pit under construction



Preparation the base of the Ozone/Recarb area



Preparation of 6 ft. diameter pipe bedding

PROJECT MANAGER'S COMMENTS

The completion of the design phase is an exciting step and allows us to focus all our effort on the successful construction of the facility. SPRWS and the construction team have worked together successfully since spring to address construction challenges, the largest of which (groundwater) was resolved by the installation of the sheet piles described above. Progress has been steady and satisfactory.