

PROJECT STATUS UPDATE - SEPTEMBER 2021

POST FALLS WATER RECLAMATION FACILITY (WRF) TERTIARY TREATMENT IMPROVEMENTS

PROJECT OVERVIEW

The Post Falls Water Reclamation Facility (WRF) is undergoing a capacity expansion coupled with technological improvements to improve the water quality that is produced. The project includes an upgrade to the City's WRF to address environmental regulations improving the treatment process to remove phosphorous and oxygen demanding materials from the reclaimed water, which will maintain compliance with the City's IPDES permit, before returning it to the Spokane River. The project will also set the City up with advanced filtration and disinfection facilities to generate a "Class A" effluent for irrigation use on their urban forest property in the future.













POST FALLS WATER RECLAMATION FACILITY (WRF)
TERTIARY TREATMENT IMPROVEMENTS

WHAT WE'VE DONE

Sletten Construction has made substantial progress on concrete work, site electrical and buried piping installation during the summer of 2021. The project is entering the 13th month of construction, with anticipated final completion in late 2022.

WHAT WE'RE DOING

The Plant Drain Pumping Station installation and backfill has been completed with active work on installing the connecting yard piping. Concrete work and leak testing for the new Membrane Filtration Building and associated process tanks, new Outdoor Chemical Storage Area, the new Tertiary Plate Settler, the new Ultraviolet Disinfection, and existing Oxidation Ditch 3 expansion are ongoing. Concentrated efforts on exterior electrical and piping are being made to prepare for the arrival of the control panels required to start up Oxidation Ditch 6 and complete the remaining work at Oxidation Ditches 1-4.



Tertiary Plate Settler Building and Plant Drain Pumping Station (8/26/21)

WHAT WE'RE GOING TO DO

Construction moving into the fall and winter months is expected to consist of CMU work, interior electrical work, clarifier mechanism and axial flow mixer equipment deliveries, installation, and start up, as well as the beginning of wall and roofing work.



OUTFALL PROJECT UPDATE

Construction is underway to replace a portion of the WRF outfall pipeline into the Spokane River. Work to-date includes contractor mobilization to the site, materials delivery, and construction of a cofferdam in the Spokane River. The purpose of the cofferdam is to isolate the work area from the river to make construction easier and to help contain sediments disturbed during construction. The cofferdam will be removed once work in the river is complete. The large blue crane is being utilized for cofferdam installation and to move materials and equipment around the site. Upcoming work for the outfall replacement includes pipeline and manhole installation. Construction is expected to continue through mid-October.



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