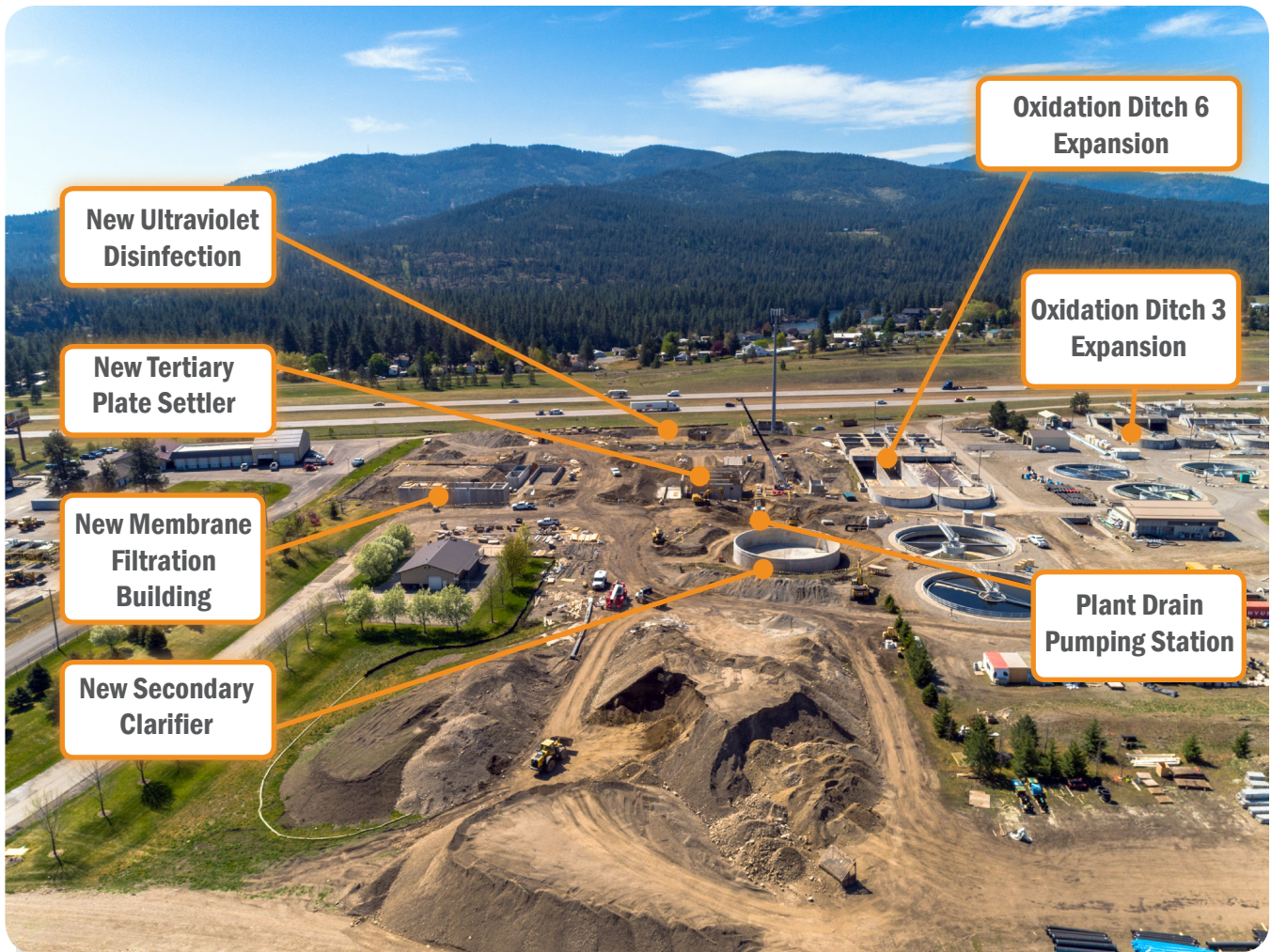


PROJECT STATUS UPDATE - MAY 2021
POST FALLS WATER RECLAMATION FACILITY (WRF)
TERTIARY TREATMENT IMPROVEMENTS

PROJECT OVERVIEW

The Post Falls Water Reclamation Facility (WRF) is undergoing a capacity expansion as well as technological improvements to improve the water quality that is produced. The project includes an upgrade to the City's WRF to expand the facility for the growth we are experiencing and to drastically improve 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.



WRF Tertiary Treatment Improvements expansion area(looking south to Spokane River and Interstate 90)

WHAT WE'VE DONE

Sletten Construction has made good progress on the project thanks to mild winter weather conditions. Construction on-site began in September 2020, beginning with general site clearing work, mass grading, and excavations for the deepest structures. The concrete work for several significant structures including Splitter Box S3, which divides the flow between three secondary clarifiers, and the new Secondary Clarifier No. 8, are nearly complete.



Secondary Clarifier No. 8 and Splitter Box No. 3 (5/6/21)

WHAT WE'RE DOING

Current construction activities consist of installing buried piping and site electrical. Concrete work for the new Membrane Filtration Building and associated process tanks, the new Tertiary Plate Settler, the new Ultraviolet Disinfection, and the new Plant Drain pumping station is underway. Work to convert one of the older oxidation ditches (Oxidation Ditch No. 3) to an Anoxic Selector to improve nitrogen reduction is also underway as part of the overall process improvements. The project is nearly 9 months into the 26-month construction window with final completion anticipated in November 2022.



Membrane Filtration Building and Tertiary Plate Settler (5/6/21)

WHAT WE'RE GOING TO DO

Construction during the summer of 2021 will include continued concrete work to build the remaining structures and process tanks which will subsequently be tested to ensure leak-tight structures. The Contractor's project schedule is currently targeting an intermediate milestone completion of Oxidation Ditch No. 6 in late 2021 which will increase plant capacity and allow for a temporary shut-down of Oxidation Ditch Nos. 1 to 4 to facilitate project work in that area. Electrical work, equipment delivery, and pipework can be expected to make up a large portion of the work this summer, with concentrated efforts to have all buildings weather-tight and transitioning to interior mechanical work by late 2021.