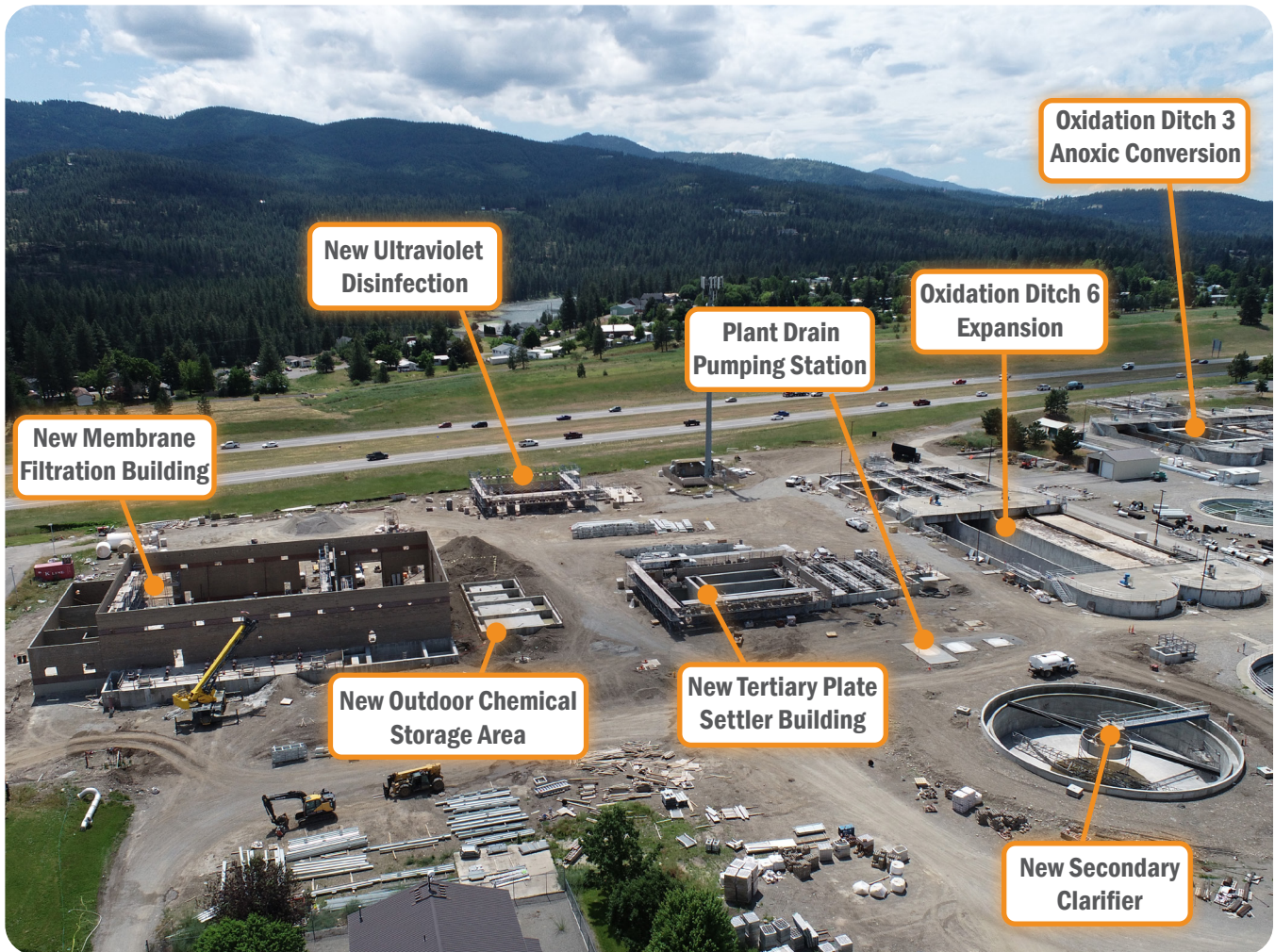


PROJECT STATUS UPDATE - JULY 2022
POST FALLS WATER RECLAMATION FACILITY (WRF)
TERTIARY TREATMENT IMPROVEMENTS

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.



WRF Tertiary Treatment Improvements expansion area (looking south-west to I-90)

WHAT WE'VE DONE

The majority of the concrete components for all process areas are complete. The Contractor has finished the structural and HVAC modifications to the existing Utility Building #2 and started the process piping in this area. Also, the Contractor has installed the primary components of the Secondary Clarifier Mechanism. Concrete slabs are complete, and sidewalks are being constructed. Backfill is also complete at the Ultraviolet Disinfection Building and Tertiary Plate Settlers. The Contractor has installed some internal process piping and equipment in the Utility Water Building and the Tertiary Plate Settlers.

WHAT WE'RE DOING

Masonry at the Membrane Filtration Building, Ultraviolet Disinfection Building, and Tertiary Plate Settler is underway. Interior electrical items and equipment power and controls are being installed. The Contractor is working on coating the Secondary Clarifier, Tertiary Plate Settler, and process piping. Major electrical controls and equipment items are being delivered. Internal process piping and equipment installation is ongoing.



Membrane Filtration, Tertiary Plate Settler,
and Ultraviolet Disinfection Buildings (7/9/22)

WHAT WE'RE GOING TO DO



New Secondary Clarifier, Oxidation Ditch 6 Expansion,
and Tertiary Plate Settler Building (7/9/22)

Summer and Fall construction is expected to consist of installing equipment, structural steel, masonry, and roofing. Painting, coating, and concrete finishing of the buildings will continue.

Commissioning of the various processes will be staged to facilitate construction in existing portions of the WRF. Oxidation Ditch #6 will be the first process area to be brought on line, with startup anticipated to begin in early August.