

City of Sandy Wastewater Treatment Plant Tour

When: Thursday, August 22nd, 2024. The tour will be 2 pm – 4 pm

Where: 33400 SE Jarl Road, Boring, OR 97009.

Who: The tour is hosted by PNCWA's Lower Columbia Section and will be led by Lead Operator Brent Carrar.

Background:

The City of Sandy Wastewater Treatment Plant includes screening and grit removal followed by biological treatment by activated sludge with secondary clarification. Secondary effluent receives tertiary filtration and is disinfected via ultraviolet light in the during winter months and sodium hypochlorite in the summer. Effluent is discharged to Tickel Creek during the winter months and used for irrigation at Iseli Nursery during the summer. An equalization pond stabilizes seasonal peak flows into the plant. Waste solids are aerated prior to dewatering by a belt filter press and are landfilled by local a contractor.

Over the past three years the 25-year-old facility has received several improvements. Permitted effluent limits have increased the expectations of the treatment capacity of the plant as Sandy continues to grow. Most of the equipment in the facility has been repaired, refurbished, or replaced in attempt to achieve compliance.

Tour Details:

During the tour, the plant staff will walk through the treatment process of the plant, how it has been modified to achieve higher removal efficiencies, and ongoing efforts towards meeting regulatory limits. We will be discussing day-to-day and observing how changes over the last three years align with existing equipment and procedures.

