

## **Clean Water Services Durham Water Resource Recovery Facility Tour**

**When:** Wednesday, July 9<sup>th</sup>, 2025, 12:00 pm – 3:00 pm

**Where:** 16060 SW 85<sup>th</sup> Avenue, Tigard, OR

**Who:** The tour is hosted by Clean Water Services, and the Lower Columbia Section of PNCWA. The Clean Water Service's Durham Facility Staff will lead the tour.

### **Tour Details:**

The Durham WRRF is an award-winning, state-of-the-art facility that serves the residents and businesses of Washington County. The Facility treats an average of 26 million gallons per day from a population of approximately 250,000 people.

In 2016, Clean Water Services, Energy Trust of Oregon, and the Oregon Department of Energy dedicated a 1.7-megawatt cogeneration, digestion system that converts wastewater and food grease into renewable energy. That energy supplies 60% of the electricity demands at the Facility. Each year, the Durham Facility produces 400 tons of commercial, high-value fertilizer, over 12 dry-tons of biosolids to be used as a soil amendment, and recycles more than 50 million gallons of water for local irrigation.

The event will begin at 12:00 pm with a presentation of the collection system that supplies raw wastewater to the facility. At 1:00 pm, Facility Operations Staff will lead the attendees on a tour through the plant, with a particular emphasis on the recycled water and cogeneration processes. Following the plant tour, Staff will lead the attendees outside of the campus to observe collection points near the Facility, and detail the complications of and solutions for exposed sewer lines.

### **Speaker Bio:**

The tour will be led by Durham Operations Supervisor John Curley and Senior Operator Edher Estrada.

