

Durham Water Resource Recovery Facility Tour Agenda

11:45 am – 12:00 pm Arrive at 16060 SW 85th Avenue, Tigard, OR. Meet outside of the Administration Building for sign-in and introductions

12:00 pm – 1:00 pm Durham Facility Staff will discuss the plant treatment process and innovation for recycling water and energy generation. The presentation will also include a conversation of the issues of exposed sewer lines in the collection system, before sewage makes it to the facility

1:00 pm – 2:30 pm Durham Facility Staff will lead a tour throughout the plant.

1:00 pm – 1:10 pm The Tour will begin at the Headworks of the Plant to introduce the preliminary treatment process.

1:10 pm – 1:20 pm Move to the Primary Clarifiers to learn about the primary treatment process.

1:20 pm – 1:35 pm Discuss the activated sludge process at the Aeration Basins and the processes that the Facility uses for bacteria and nutrient removal.

1:35 pm – 1:50 pm Observe the tertiary treatment process using alum and filtration at the Chemical Clarifiers and Sand Media Filters.

1:50 pm – 2:00 pm Discuss the final disinfection process before the effluent is discharged and how the Class A recycled water is reused for irrigation.

2:00 pm – 2:10 pm Walk through the solids recovery thickening process.

2:10 pm – 2:20 pm Move to the Anaerobic Digesters to talk about the solids stabilization and cogeneration process.

2:20 pm – 2:30 pm Observe the final dewatering process and discuss how the refuse water is reused to make fertilizer.

2:30 pm – 3:00 pm Facility Staff will lead the attendees along the collection system lines ahead of the plant to point out locations of exposed sewer and the solutions that are being considered to address them.

3:00 pm Meet back at the Administration Building for final wrap-up and closing.
Depart from the Facility.