

West Central Oregon Section

Newport Plant Profile July 11th 2024



July 11th, 2024

> Agenda: 12:00-1:00

Plant overview and lunch @ Georgie's Beachside Grill

744 SW Elizabeth St, Newport, OR 97365

12:00-1:00

Plant Tour and Q&A session

1:00-2:00

5525 SE 50th Place Newport Oregon 97365

<u>RSVP</u> Please RSVP <u>Metzel@aumsville.us</u>

We need to have an accurate count for lunch so please let us know if you can make it.

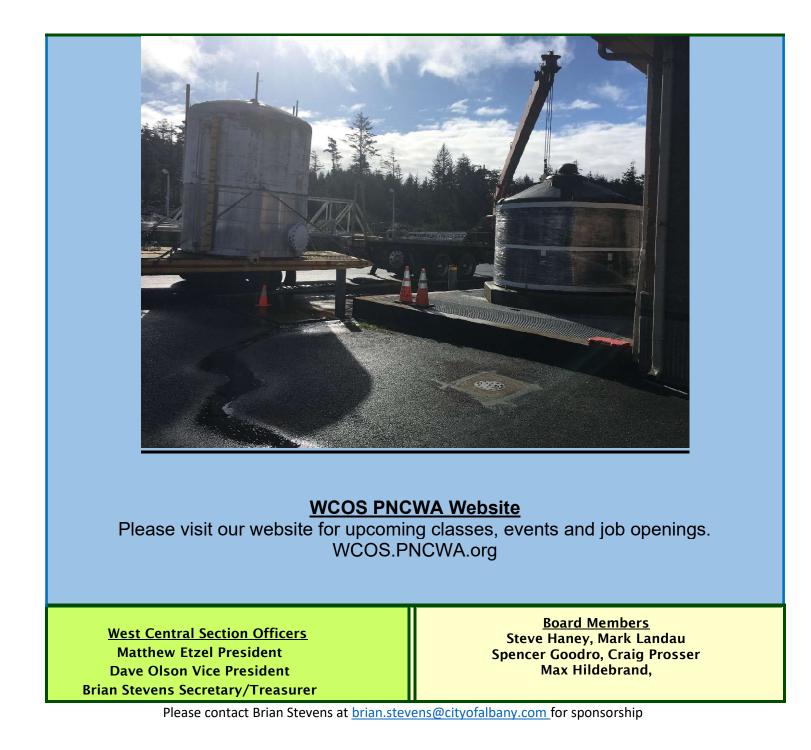
City of Newport Wastewater Treatment Facility



Information about the Facility

The Vance Avery Wastewater Treatment Plant was built in 2002 and is owned and operated by the City of Newport Oregon. The 15 MGD design capacity typically sees flows of 2 MGD of wastewater per day. The plant is on Orbal design with one aeration basin and two clarifiers. There is no primary treatment and the plant utilizes and aerobic digester. Class A EQ biosolids are produced utilizing a lime stabilization and pasteurization process. Biosolids are land applied locally by WWTP personnel.

The plant is located in the South Beach neighborhood and services the majority of the City of Newport. With 25, lift stations and two, 3-mile force mains that run under Yaquina Bay the collection system experiences long detention times. This, coupled with tourist related organic loading increases of 300% in the summer months challenge operators to maintain compliance while treating high strength wastes. As the plant nears 95% capacity in the aeration basin the city is exploring options for reducing loads and potentially expanding the facility.





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