

City of Sandy Wastewater Treatment Plant Tour

Speaker Bio: Brent Carrar

Brent Carrar is the lead operator for the City of Sandy Wastewater Treatment Plant. His role includes developing standard operating procedures that prioritize safety practices, training new operators and developing safe maintenance work practices. Brent came to the Sandy WWTP with an Associate's degree from the Clackamas Community College's Water Quality program. Brent's dedication to the operation of the plant and willingness to volunteer to address issues resulted in accruing enough overtime hours to qualify to take his Oregon DEQ treatment operator two certification six months early. Brent earned his Oregon Treatment Operator II certification in January 2024.

Brent contributed to optimization of the secondary treatment process by providing input into the operation of the flow equalization basin and tertiary filter system during high flow conditions. He plays an instrumental role in striving for regulatory compliance that continue to tighten as demand at the plant increases with the growth of Sandy. This has included conducting EPA stress testing at the plant to evaluate the processes performance during maximum design conditions. Brent is responsible for decisions that impact both safety and environmental compliance.

As lead operator, Brent is responsible for on-boarding and training new operators. He volunteers time to the Oregon Water Education Foundation (ORWEF). He is an officer on the Board of Directors and assists with the coordination of the annual wastewater education school at Clackamas Community College.