

PNCWA Fall Conference Tour Information

Date: September 11, 2023

Time: 1:00 pm – 3:45 pm

Facility: Lakewood Water District

Site 1: Scott Well - 4215 108th St SW, Lakewood, WA 98999

Site 2: Ponders Well - 5725 New York Ave SW, Lakewood, WA 98499

Contact Person: Marshall Meyer

Engineering Manager
mmeyer@lakewoodwater.org
253-588-4423

PPE Requirements: No open-toed shoes

ADA Accessibility: No

Facility Overview:

The Lakewood Water District was formed in 1943 and currently serves the City of Lakewood and the Town of Steilacoom as well as several local water companies. The District currently serves more than 60,000 retail customers in Lakewood, WA as well as 55,000 wholesale customers, for a total population of 115,000. The District's system features over 275 miles of distribution piping, 13 water tanks, and 29 active wells sites.

The District has been voluntarily testing their wells for PFAS for many years and through the testing, they found increasing levels of PFOS and PFOA at the Ponders and Scotts Wellsites. The District has installed a granular activated carbon (GAC) system at Ponders Well to replace an aging air stripping treatment process which removed chemicals commonly used in dry-cleaning fluid. The GAC system is designed to remove PFOS and PFOA to levels below detection and far below health advisory levels. A GAC system was also installed at the Scotts Wellsite.

The facility tour will include visits to both sites to view and discuss the site specific treatment, operations and maintenance experience, as well as an overview of the PFAS removal design and construction projects.

PNCWA Fall Conference Tour Information

Date: September 11, 2023

Time: 12:30 pm-4:30 pm

Facility: LOTT Clean Water Alliance

500 Adams St NE, Olympia, WA 98501

Contact Person: Wendy Steffensen

Environmental Project Manager
wendysteffensen@lottcleanwater.org
360-528-5773

PPE Requirements: No open-toed shoes

ADA Accessibility: No

Facility Overview:

Join us as we tour the LOTT Clean Water Alliance's award-winning reclaimed water facilities. Attendees will learn about their reclaimed water program and how reclaimed water creates many community benefits. The tour will include a tour of their treatment plants and tour their innovative water reuse use locations including the Hawks Prairie Recharge Basins, the Reclaimed Water Storage Tank (that also is a community park), and East Bay Public Plaza (a water themed public park hosting a public wading pool supplied with Class A reclaimed water).

PNCWA Fall Conference Tour Information

Date: September 12, 2023

Time: 1:00pm – 3:45pm

Facility: Tacoma Central Wastewater Treatment Plant

Address: 2201 Portland Ave E, Tacoma, WA 98421

Contact Person: Jamie Murray

Tour Coordinator

jmurray@cityoftacoma.org

253-502-2176

PPE Requirements: No open-toed shoes

ADA Accessibility: No

Facility Overview:

The Central Wastewater Treatment Plant features one of the most technologically advanced treatment processes in the country. It serves Tacoma and about 20,000 customers in Fife, Fircrest and unincorporated Pierce County.

The Central Wastewater Treatment Plant has many innovative features including a dual digestion process that produces Class A exceptional quality biosolids and a peak flow treatment facility that can speed up treatment during heavy storms and reduce the risk of sewage overflows. During large storm events, the plant receives and treats more than 130 million gallons of waste water a day. The Central Wastewater Treatment Plant has played a role in [Tacoma's development](#) and was upgraded in 2008.

Every bit of the biosolids material processed at the plant is recycled and turned into [TAGRO](#) gardening products - Mix and Potting Soil. These award-winning soil products will help your garden grow.

Additionally, the Central Wastewater Treatment Plant recently added biogas improvements. The new biogas treatment system treats biogas produced from anaerobic digesters to create RNG. The RNG is injected into Puget Sound Energy's (PSE's) pipeline distribution system to be used by the surrounding community.

PNCWA Fall Conference Tour Information

Date: September 13, 2023

Time: 8:00 am – 10:45 am

Facility: Chambers Creek Regional Wastewater Treatment Plant

Address: 10311 Chambers Creek Rd W, University Place, WA 98467

Contact Person: Jeremy Carnahan
WWTP Operations Supervisor
jeremy.carnahan@piercecountywa.gov
(253) 798-2567

PPE Requirements: No open-toed shoes

ADA Accessibility: No

Facility Overview:

The Chambers Creek Regional Wastewater Treatment Plant (WWTP) uses a combination of physical and biological treatment processes to treat residential and commercial wastewater and sewage and is rated for 45.3 MGD

The WWTP discharges to Puget Sound and is covered under the new Nutrient General Permit. The facility's liquid stream treatment includes one of the nation's largest Anammox side stream treatment processes.

Additionally, the WWTP manufactures SoundGRO, which is a pelletized fertilizer product made from the solids removed from the treatment process. SoundGRO is a licensed commercial fertilizer and is classified as a Class A "Exceptional Quality" product.