SNAPSHOT

More than 15,000 students participated in at least one presentation, lab or field experience delivered or funded by Clean Water Services.

1,061 students put 4,164 native plants in the ground.

1,653 students 3rd grade – college toured a water resource recovery facility.

OUR TEAM

Education staff takes the lead on coordinating and delivering classroom and field programming with support from every CWS department. Staff have contributed this year by leading tours, giving presentations, providing expertise and funding non-profit partners.

For the sixth consecutive year, we hosted an AmeriCorps member whose education goal is to reach historically underserved and diverse students.

This year, Katrina spent nearly 150 hours working with more than 2,000 students in our watershed—leading wildlife monitoring, nature exploration and service-learning activities.
CAREER-CONNECTED LEARNING

CWS staff participated in career fairs, panels and job shadows with more than 200 students from elementary to college.

100 college students from PCC and OSU toured our treatment facilities and got specialized presentations from CWS staff about nutrient recovery, engineering and ecology.

CWS offers nearly 20 internship positions each year for current college students or recent graduates in Resource Recovery, Engineering, Regulatory Affairs, Watershed and Public Affairs.

PLACE-BASED EDUCATION

FERNHILL

700 students from Forest Grove and Hillsboro schools and local colleges and universities studied water quality, native plants, wildlife and natural treatment systems.

FACILITY TOURS

1,653 students from 23 schools or community groups visited one of our water resource recovery facilities. Nearly 80 percent of those students participated in water related classroom or field programming prior to their tour, taking content from conceptual, to real-world.
IN THE CLASSROOM

**RIVER RANGERS** 4,286 3rd-5th grade students and their families in 52 schools participated in our cornerstone education program established in 1990.

**SEWER SCIENCE** For the fifth year in a row, all Tualatin High School biology students, (20 classes, 600+ students), participated in our multi-day lab where students create, test and treat synthetic wastewater before touring one of our water resource recovery facilities.

IN-DEPTH LEARNING

65 high school science students participated in the Student Watershed Research Project (SWRP) to monitor and present findings on local stream conditions. 50 students from Sunset High School studied Gales Creek and 15 students at St. Mary’s Home for Boys monitored Beaverton Creek.

In the fourth year of a STEM partnership with the Forest Grove School District, elementary classes implemented science curriculum using visits to Fernhill to take learning outside.

Nearly 500 students participated in teacher-led programming to learn about filtration, habitats, adaptations and ecosystems.

CWS staff provided site-specific teacher training at Fernhill to 20 teachers.

Every student (600) at South Meadows Middle School participated in watershed health programming designed to support in-class curriculum. Seventh graders visited Rood Bridge Park for a 2 hour field experience, eighth graders explored the stormwater engineering design of their school campus.

Forest Grove Community Alternative Learning Center (CALC) students visited Fernhill three times over the course of the year. Our AmeriCorps member led them through planting, water and wildlife monitoring, and tours at Fernhill, which is within walking distance from campus.
PARTNERSHIPS, FUNDING & SPONSORSHIPS

CWS funded nearly $100,000 worth of programs, presentations, competitions and camps through non-profit and partner organizations that reached more than 7,000 Tualatin Basin students.

$28,660 for watershed health programming delivered to all 600+ students at Meadows Middle School by Friends of Trees, Jamie Stamberger and Centro Cultural.

$16,189 for Student Watershed Research Project (SWRP).

$12,208 to support 28 days of Cascade Education Corps’ service learning through restoration.

$10,375 for bus transportation to tours, planting events and festivals for 4,004 students.

$10,000 to fund Bienestar Explorador summer camp activities and field experiences for more than 80 elementary students.

$8,600 to support Jackson Bottom Wetlands’ traveling education programs that reached nearly 500 students at Hillsboro Title 1 Schools.

$4,400 to support planting activities for 723 Fowler Middle School students with Friends of Trees.

$4,225 for 390 4/5th graders to participate in beaver-centered programming exploring habitat, ecosystems and water quality with The Wetlands Conservancy.

$1,500 to fund the Children’s Clean Water Festival. One third of the 1,400 students that attended were from the Tualatin Basin.

For more information, contact Ely O’Connor at OConnorE@CleanWaterServices.org or 503.681.4463