

*Palo Alto Regional Water Quality Control Plant presents*  
**Sewer Science Laboratory**

Available to high schools in East Palo Alto, Los Altos, Los Altos Hills, Mountain View & Palo Alto

The Palo Alto Regional Water Quality Control Plant (RWQCP) is sponsoring the Sewer Science Laboratory Program, a week-long, hands-on experiment in wastewater treatment. Developed by high school teachers and wastewater professionals, you can be sure that this program is challenging, educational and fun!

The RWQCP provides the lab equipment and supplies, workbooks, teacher guidebook and an assistant to facilitate the experiment. In addition to the lab, the RWQCP has created a 40-page student workbook and teacher guidebook designed to explain the science of wastewater treatment—sedimentation, biological treatment, filtration and disinfection. Students measure pH, turbidity, ammonia and chemical oxygen demand, plot their data, and compare their results to EPA effluent standards. The entire lab including the assistant, workbooks, laboratory equipment and supplies is completely free to participating classrooms. By participating in this program, you are helping the RWQCP reach our community education goals and introducing your students to science in action!



**What do others say about the program?**

“What better way to learn about the environment. This lab allows the students to apply scientific concepts using real industry procedures and lab equipment. For one week, they get to be true scientists!”

— Suzanne Cranmer  
Las Lomas High School  
Walnut Creek, CA

**California Framework Requirements: Are Your Students Prepared?**

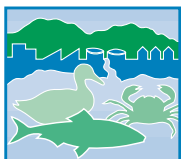
As technology advances our need to stay current and meet state requirements gets tougher. Science courses often fall short in the areas of environmental science, scientific inquiry and the relationship between life science and our environment. The Sewer Science Laboratory Program can help you meet these tough requirements and much more. The lab integrates chemistry, physics and microbiology and promotes math and graphing skills. The program will excite your students about water science and open their minds to the possibility of careers that will keep them on the cutting edge of technology.

“The beauty of the Sewer Science program is that it has something for every student interest....It is our hope that the curriculum inspires students at all levels, from the college-bound to those who see high school as a terminal degree, to pursue an interest in water and wastewater issues.”

— Dr. Rhea Williamson  
Dept. of Civil Engineering  
San Jose State University

**Program Registration**

To register your class for the Sewer Science Laboratory Program, contact us at (650) 329-2598 or email us at [cleanbay@city.palo-alto.ca.us](mailto:cleanbay@city.palo-alto.ca.us). Remember there is no cost to you or your school for participating in this program.



**Regional Water Quality Control Plant**

(650) 329-2598  
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