

STEAM



Science • Technology Engineering • Arts • Mathematics

Below is a list of WSSC Water-produced videos that can help your students learn more about the work of a water and wastewater utility as well as careers in water.

Our team is currently developing distance learning resources for you to use starting this fall and we'd love to have teacher feedback. If you'd like to review drafts of these resources and provide feedback please complete this [form](#).

If you are looking for additional resources to help you add local content to lessons focused on watersheds and protecting local water quality; essential community services; engineering, technology and innovation; or careers, reach out to our community outreach team communityoutreach@wsscwater.com to discuss your specific needs.



Where Does Your Water Come From?



Repairs of a 54" Pipe

Learn what it takes to repair a broken watermain.



Tour of Brighton Dam

Visit the Brighton Dam Recreation Area to learn about our dam and Patuxent River drinking water reservoirs



Patuxent Water Filtration Plant

See inside a water filtration plant and learn the steps involved in making water safe to drink.



Why is There Chlorine in My Drinking Water?

How do we know water is safe to drink?



Bottle vs Tap

What's the difference between bottled and tap water?



Pipe Scene Investigation

Learn how WSSC Water uses technology to assess large pipes in our system



Wastewater Systems Collection Group

See how sewer pipes are inspected to help stop sewer overflows.

WSSC Water Goes Robotic

See how robots are used to inspect pipes that are too small for people to inspect.



Western Branch Water Resource Recovery Facility

Learn what happens to the water after our customers use it. (Note: we no longer use the incinerator)

Keep The Wipes Out of The Pipes





WSSC Water's Laboratory Services Group

Learn about the important role of our Laboratory Services Group.

WSSC Water – Profiles of Engineers



Civil and Environmental Engineers



Environmental and Structural Engineers

Women in Water Careers



Here are a few of our favorite videos
from partner agencies and organizations



Beyond the Drain

a review of the wastewater treatment process.
Great for younger learners – Developed by the
Value of Water Coalition



**Tour DC Water's Blue Plains
Advanced Wastewater Treatment
Plant**

This is where the wastewater from about 60
percent of WSSC Water's customers gets
treated.

Flocculation- Making water clean - MIT Khan Academy

*WSSC Water is the proud provider of safe, seamless and satisfying water services, making
the essential possible every day for our neighbors in Montgomery and Prince George's counties.
We work to deliver our best because it's what our customers expect and deserve.*

