



Project Profile:

New filters and a really big pipe

Construction is nearly complete on four new filtration basins at the Hanahan Water Treatment Plant, as well as a new, larger pipeline that carries filtered water to the final step in the treatment process, disinfection.

The new filtration basins will replace existing filters that were built in 1947. This \$22 million project is part of Charleston Water System's Capital Improvement Program.



At 7 feet in diameter, this new pipe will enable more water to flow from the filtration basins to storage tanks for disinfection—the final step in the treatment process.

Coming soon!

View your bill online

You asked for it and we're working on it! Soon you'll be able to view and print your Charleston Water System bill in PDF format when you log on to our online bill payment system, E-Pay, on our web site, www.charlestonwater.com.

Look for this new feature in the coming months!

Water ? Whys



My bathroom faucet had a string of black gunk hanging from the aerator, and I've noticed a pink residue around drains in my sinks and bathtub. What's causing this, and how can I get rid of it?

Both are caused by airborne microorganisms that thrive in warm, moist areas such as bathrooms and laundry rooms.

The black "gunk" is a type of mold that grows rapidly in dark, humid places, producing a black string-like material that can break loose and hang from faucets. The pink film is caused by airborne bacteria that also thrive in moist areas, such as around drains and in toilets and bathtubs.

The best way to combat both is frequent cleaning with a bleach solution. Make sure you have proper ventilation in bathrooms, and repair dripping faucets to keep the area around drains dry.

Our Mission is to protect public health and enhance the environment of our service community by providing clean water services of exceptional quality and value.

Our Vision is to become, by 2012, an organization worthy of a SC Governor's Quality Award through teamwork, customer focus, and performance excellence.

Reduce your pollution footprint

Stormwater runoff is a major source of pollution in our waterways. From pet waste to motor oil, what gets washed into storm drains and ditches ends up in our waterways. So it's up to all of us to reduce our pollution footprint—here's how:

- **At home:** Properly dispose of hazardous household chemicals (paints, pesticides, cleaners, etc.). Check with your County Solid Waste Department for more information.
- **Your landscape:** Create a Carolina Yard! It's beautiful, economical, and nature-friendly. Contact Clemson Extension to schedule a workshop.
- **Pets:** Scoop the poop! Pet waste contains harmful bacteria and pollutes waterways with excess nutrients.
- **Boats and cars:** Oil, gas, and toxic fluids can contaminate surface and groundwater. Recycle used motor oil and check for leaking fluids. Wash cars and boats at a commercial car wash or on the grass.

Stormwater vs. Wastewater

What's the difference?

Stormwater is rain, snowmelt, or applied water that does not soak into the ground. The water runoff collects and transports pet waste, oil and grease, fertilizer, pesticides, litter, and other pollutants through the storm sewer system and discharges them into nearby surface waters. Stormwater IS NOT TREATED!

Wastewater, or sewage, comes from drains and toilets in homes and businesses. Wastewater flows through separate sewer lines that end up at a treatment plant, where the water is cleaned before it is released into a waterway.

Learn about your water!



Where does my water come from?

How is it treated?

Where does it go when I flush?

Schedule a speaker to visit your school or community group and get the answers to all your questions about drinking water!

Call (843) 727-6856 or send an e-mail to info@charlestoncpw.com to schedule a speaker.

Charleston Water System joins the Ashley Cooper Stormwater Education Consortium

Charleston Water System is proud to become a supporting member of the Ashley Cooper Stormwater Education Consortium, or ACSEC—a group of government agencies, universities, and non-profits in the Lowcountry working together to improve water quality by educating the public about how to prevent water pollution.



To learn more about the ACSEC, or to schedule an event or speaker for your organization, visit www.ashleycooper.org.

Water TRIVIA!

Test your water knowledge! Send us the correct answer to the question below by July 7, 2010 to be entered in a prize drawing!*

Question:

What is the name of the US EPA partnership program that promotes water efficiency?

Send your answer via e-mail or mail:
info@charlestoncpw.com
Charleston Water System
Attn: Water Wise Trivia Contest
PO Box B
Charleston, SC 29402

*Charleston Water System employees and their family members not eligible to enter.