



WELCOME

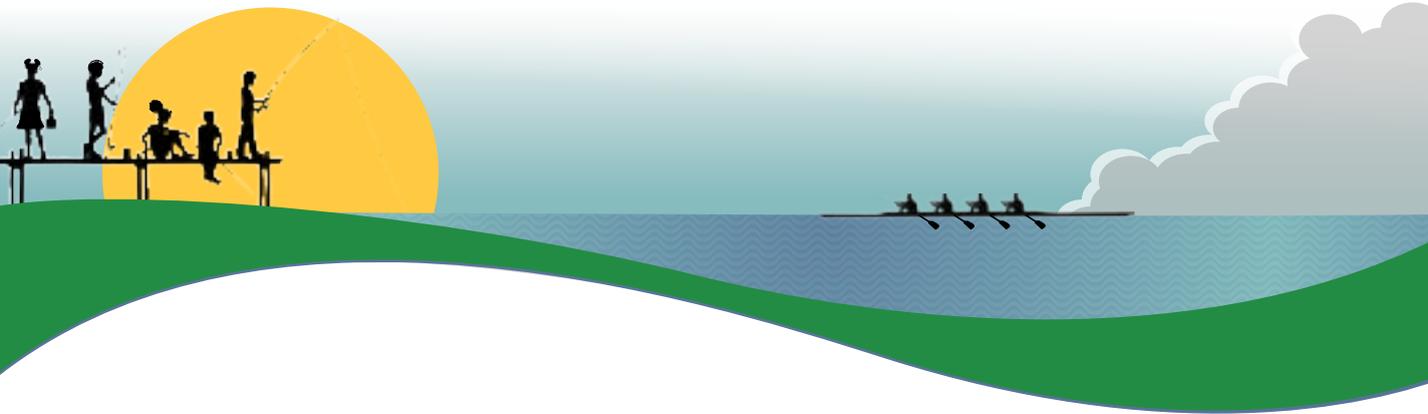
ANACOSTIA RIVER SEDIMENT INVESTIGATION
REGULATIONS
RIVERSMART PROGRAMS
STREAM & WETLAND RESTORATION
STORMWATER MANAGEMENT
SUSTAINABLE DC
TRASH REDUCTION PLAN

RECLAIMING OUR RIVERS



DISTRICT DEPARTMENT
OF THE ENVIRONMENT

SUSTAIN
ABLE
==
DC



WATER QUALITY REGULATIONS

BAG LAW



In 2010, the District implemented the Anacostia River Clean Up and Protection Act (“bag law”) that requires all District businesses that sell food or alcohol to charge five cents for each disposable bag provided to customers.

HOW DO WE USE THE MONEY?



Business

If the business offers a rebate when customers bring their own bag, they retain two cents.



Anacostia River Clean Up and Protection Fund

The fund, managed by DDOE, is used to implement watershed education programs, stream restoration projects, install and maintain trash capture devices, and to purchase and distribute reusable bags.



COAL TAR BAN



The District has banned the use of coal tar pavement products, which are used as sealants on parking lots and driveways.

WHY BAN COAL TAR?

Contain high concentrations of



Polycyclic aromatic hydrocarbons (PAHs)



Rainwater washes PAHs into storm drains and waterbodies, threatening aquatic life. Toxic dust might also enter homes and apartment buildings and is harmful to human health.

FOAM BAN

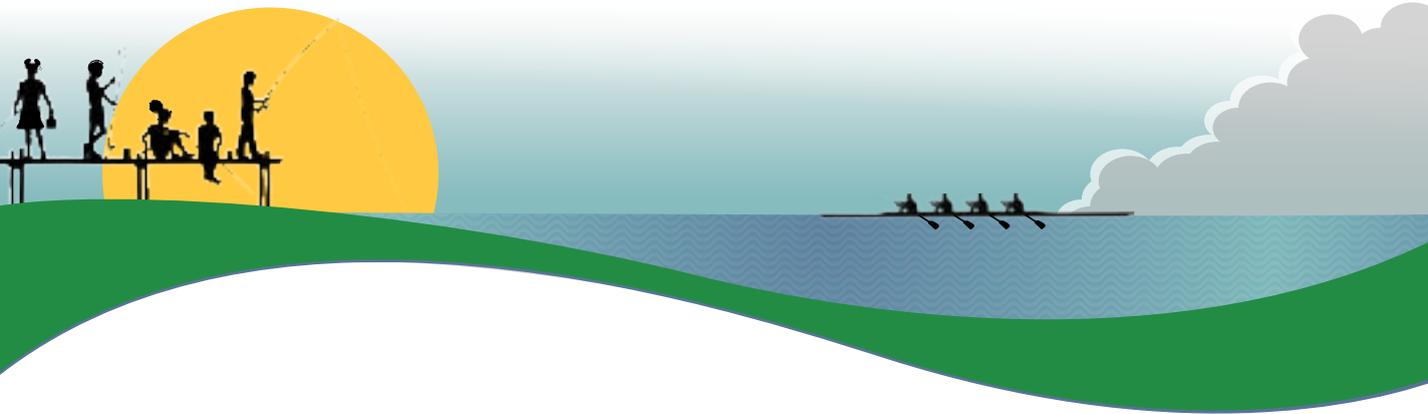


Effective January 1, 2016, it is illegal for District businesses and organizations that serve food or beverages to use containers and other food service products made of expanded polystyrene, commonly known as Styrofoam™.

THE DOWNSIDE OF FOAM

Foam containers are one of the most common types of trash found in the Anacostia River. It is easily blown by wind or washed by rain into storm drains and water bodies, causing unsightly litter. In addition, toxic chemicals can stick to foam, and if birds, fish, and other wildlife eat small pieces of foam, it can cause illness. This can eventually impact humans if they eat contaminated fish.





FISHERIES & WILDLIFE

Over many decades the District’s fish and wildlife populations have been reduced by many factors, including land use, water quality and habitat loss. DDOE initiatives are working to reverse this trend.

AMERICAN SHAD

A fish species of particular interest is *Alosa sapidissima*—the American shad. Once abundant in District waters, the American shad has experienced tremendous population declines, resulting from excessive fishing, degraded water quality, and the loss of reproductive habitat.

During the past ten years, DDOE Biologists have embarked on a shad restoration journey: trapping adult shad, spawning the fish in a controlled environment, and releasing approximately 1,000,000 juvenile shad each year. The program has experienced steady success since its inception.

As part of a Potomac River watershed assessment, American shad are considered restored by the Atlantic States Marine Fisheries Commission, a federally established interstate fisheries management board.

The continued success of the program is a testament to overall habitat conditions and is a benefit to the District’s recreational angling community.

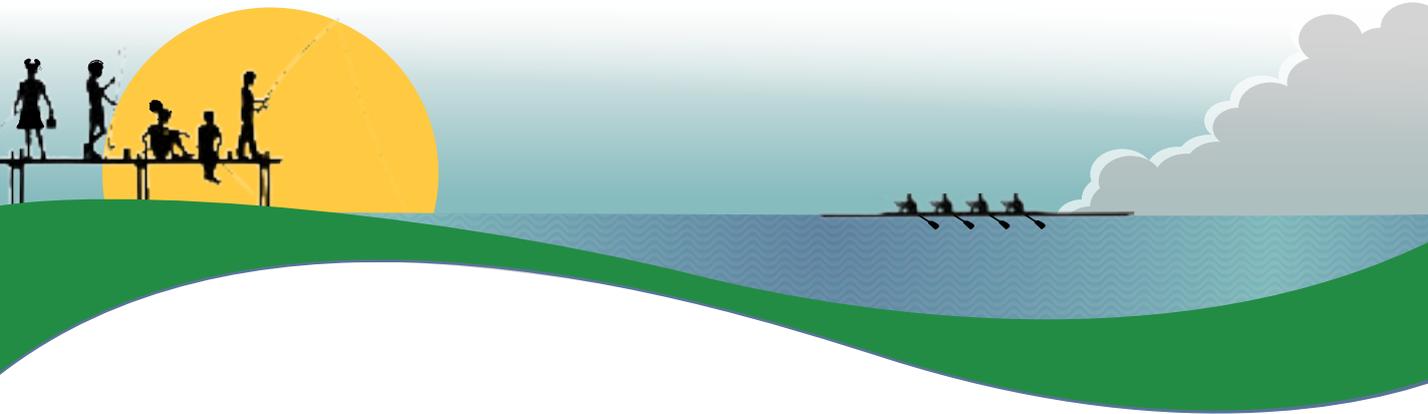


For more information, visit:

ddoe.dc.gov/service/fisheries-and-wildlife



RECLAIMING OUR RIVERS



RiverSmart PROGRAMS



RiverSmart programs provide financial incentives to help District property owners install projects that help our local waterways.

RiverSmart projects allow rainwater to soak into the ground where natural processes help remove pollutants.

RiverSmart REWARDS

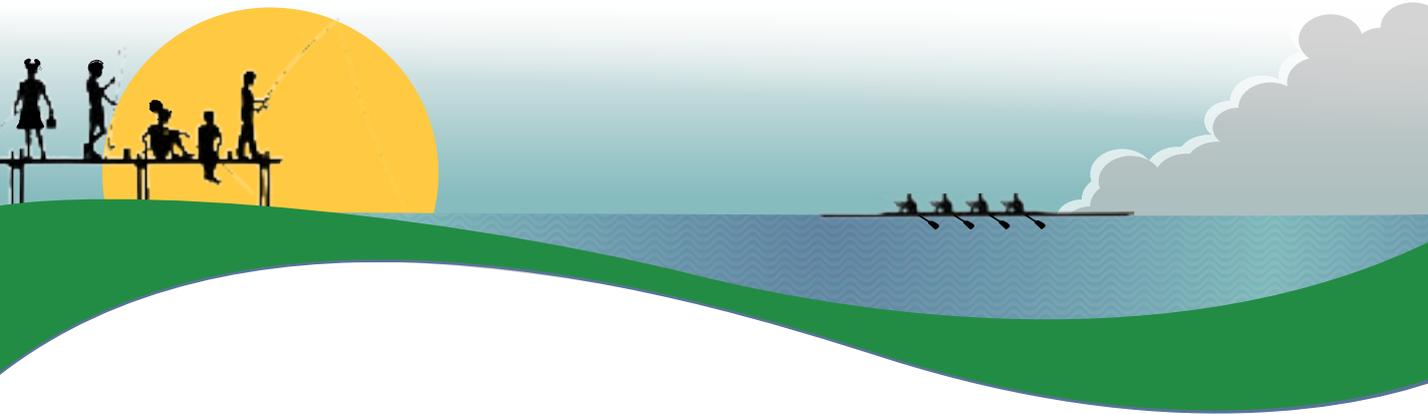
Once a RiverSmart project is installed on your property, you may be eligible for RiverSmart Rewards, which provides a discount off the DDOE Stormwater Fee that is assessed on every property's water and sewer bill.

Putting a RiverSmart project on your property can also lead to lower water and heating and cooling bills, less time devoted to lawn care, and higher property values.

Go to our website to learn about RiverSmart and the projects that you may be able to install on your property.

ddoe.dc.gov/RiverSmart





SEDIMENT INVESTIGATION

ANACOSTIA RIVER

The mud on the bottom of the Anacostia River (the “sediment”) has been affected by many years of industrial activity along its banks. Much of the polluted sediment that still exists today is a result of industrial activity in the past, and so it is called “legacy contamination.”

The Anacostia River Sediment Investigation project will:

- Sample sediment over a nine-mile portion of the River (from the Potomac River to Bladensburg, Maryland)
- Use the samples to develop a cleanup plan for contaminated sediments in the River.

The cleanup will improve the health of the River, increase residents’ enjoyment of the river, and create tourism opportunities.

GET INVOLVED

COMMUNITY INVOLVEMENT PLAN (CIP)

The CIP is an ongoing effort to involve the community in the investigation and will serve as a planning tool to promote mutual communication among stakeholders, the public, and parties potentially responsible for the pollution.

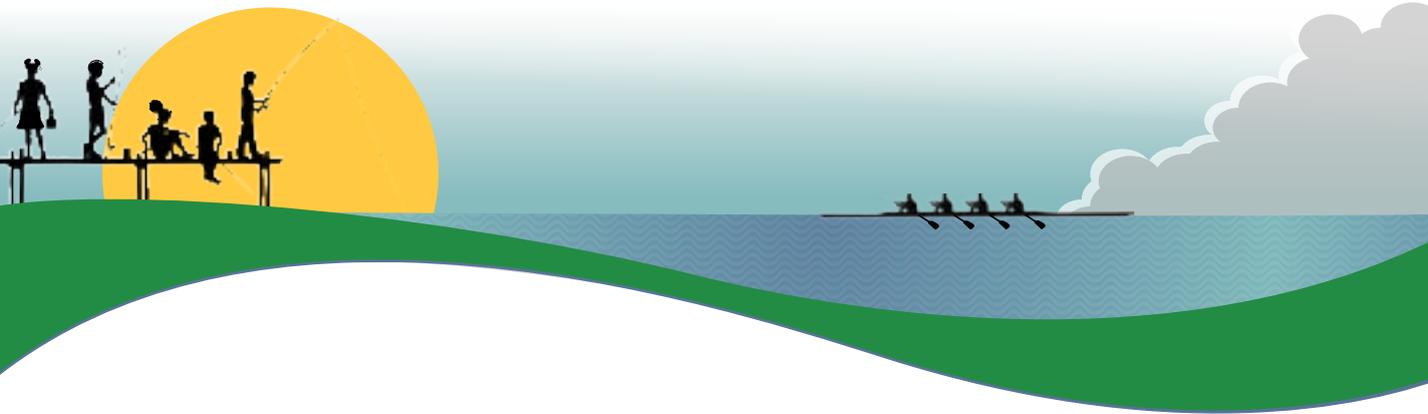


To learn more about the sediment study and the CIP, visit:

ddoe.dc.gov/anacostiasediment



RECLAIMING OUR RIVERS



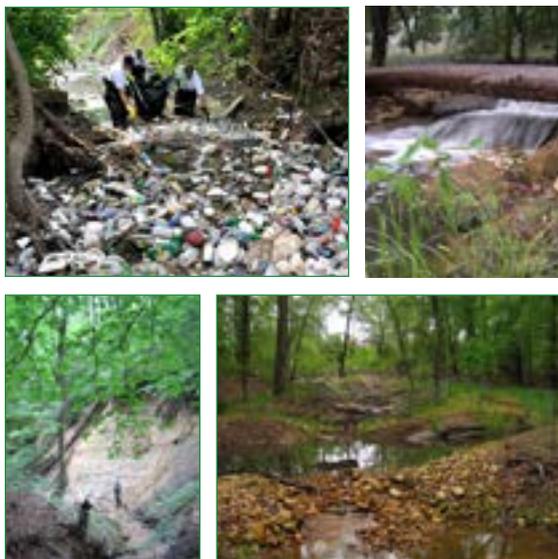
STREAM & WETLAND RESTORATION

HABITAT RESTORATION PROGRAM

DDOE's Habitat Restoration Program plans, funds, and oversees activities that protect and restore rivers, streams, and wetlands in the District of Columbia.

Restored streams are more inviting places for community residents to relax, play, and explore nature, turning parks into more active community and learning spaces.

These activities improve the water chemistry and habitat in the District, which in turn helps the wildlife, including fish, frogs, and birds.



YOU CAN HELP!

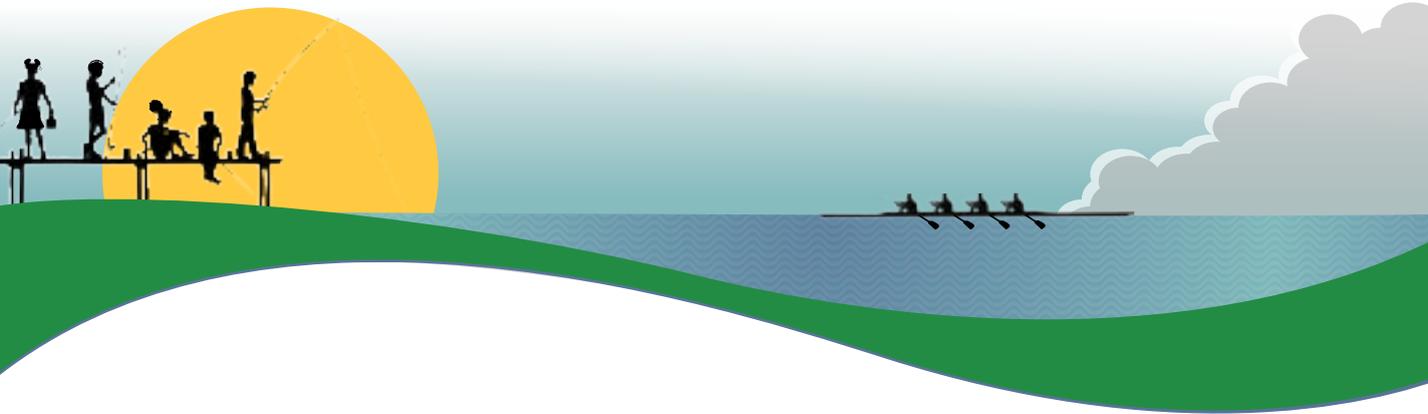
Residents can help protect and restore streams by installing RiverSmart projects to help decrease stormwater runoff that washes pollution into our rivers and streams.

To learn more about the Habitat Restoration program, go to our website:

ddoe.dc.gov/service/habitat-restoration



RECLAIMING OUR RIVERS

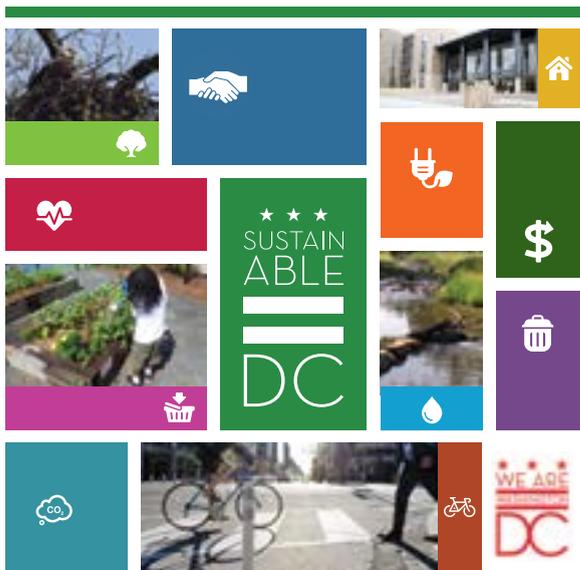


SUSTAINABLE DC

Sustainable DC is the plan to make the District the healthiest, greenest, most livable city in the country by 2032.

Making the Anacostia and Potomac Rivers fishable and swimmable by 2032 is a key goal of the Sustainable DC Plan. We work with District Government agencies, major institutions (like universities, hospitals, and embassies), and the community to better manage stormwater, reduce pollution entering rivers, and to clean up trash and pollution already in our waterways.

Sustainable DC is based on community input and will work with public and private partners to:



Plant **8,500** trees annually



Install **2 MILLION** sq. ft. of green roofs



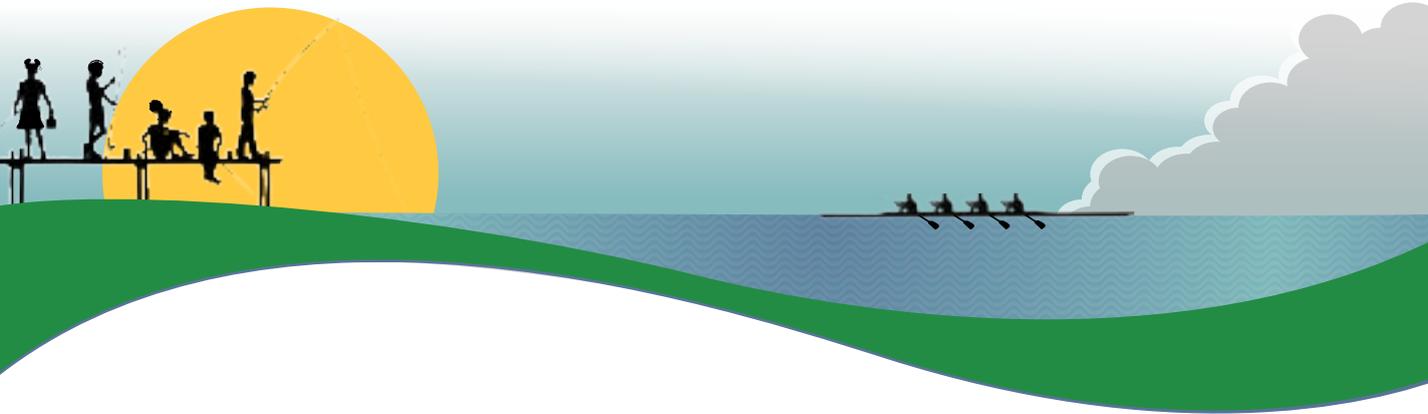
SIGN UP for the Sustainable DC listserv to learn about monthly volunteer opportunities, specific actions you can take, and receive more information on programs available to reduce stormwater runoff.

SustainableDC.org

DOUBLE projects for RiverSmart Homes



RECLAIMING OUR RIVERS



TRASH REDUCTION PLAN

ANACOSTIA RIVER

Trash is a major pollutant of concern for the Anacostia River. Reducing trash in the River enhances the quality of life for all residents.

Trash reduction has been a major focus of the District's stormwater management program since 2009.

OUR CURRENT PROJECTS

Maintaining seven trash traps in the Anacostia River watershed, capturing and removing over 25,000 lbs of litter.



Coordinating with the Department of Public Works to increase street sweeping in litter hotspots.



Working with the Alice Ferguson Foundation on anti-littering education and outreach campaigns.



Banning foam food take-out containers to reduce litter.



Enforcing a five-cent fee on disposable bags sold at food-based businesses in the District.



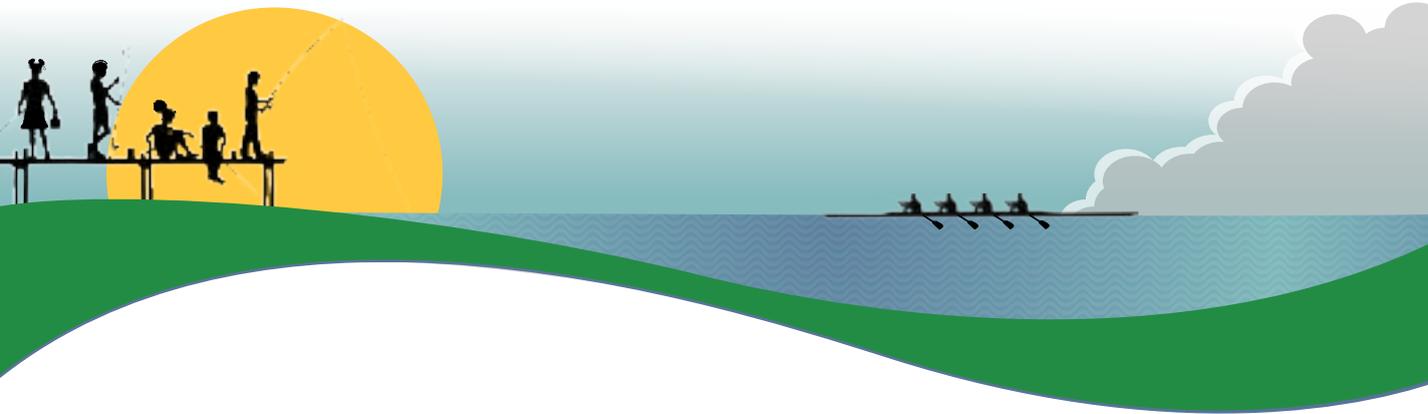
Working with local nonprofit partners to host community cleanup events.

For more information visit:

ddoe.dc.gov/service/anacostia-river-trash-reduction-plan



RECLAIMING OUR RIVERS



STORMWATER MANAGEMENT

When it rains, stormwater carries pollutants into the District's rivers. While stormwater provides a natural water source for your lawn and flower gardens, it also runs off impervious surfaces like streets, rooftops and sidewalks.

As stormwater runs off of these paved surfaces, it picks up pollutants—such as toxic chemicals, dirt, and trash—and carries them into storm drains, and into our rivers and streams.



YOU CAN HELP!

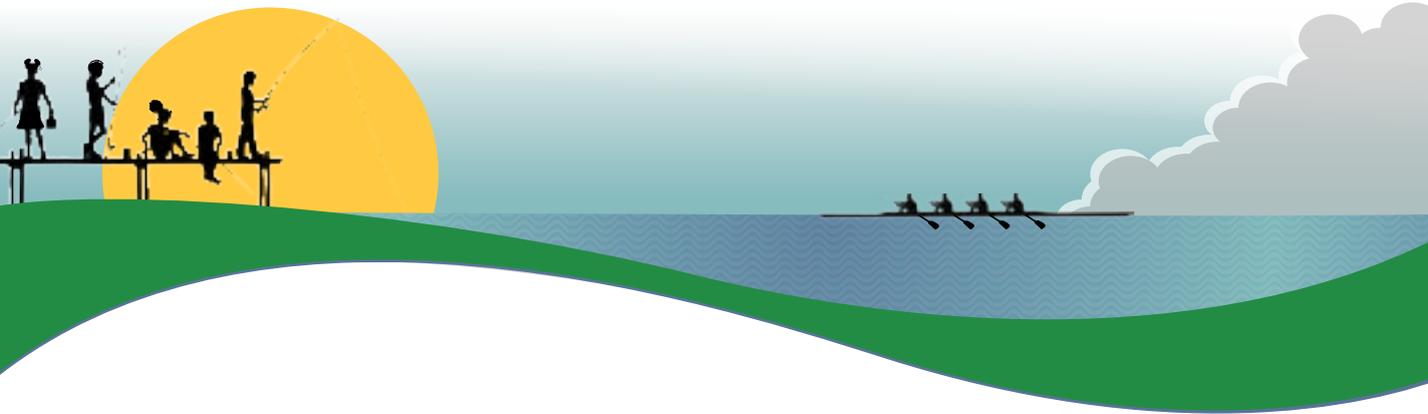
Residents and building owners can help by reducing pollution at the source:

-  Join DDOE's RiverSmart Homes program.
-  Use reusable water bottles.
-  Reduce, reuse, recycle.
-  Pick up pet waste.
-  Plant trees and ground cover to control erosion.

-  Properly maintain and operate your vehicle.
-  Limit car use and conserve energy. Take public transit, bike, or walk when possible.
-  Properly dispose of batteries, chemicals, yard waste, and hazardous waste.
-  Plant native plants that don't require fertilizers, extra watering, or pest control.
-  Don't dispose of trash in storm drains.

-  Don't Litter.
-  Don't wash yard waste or chemicals down storm drains.
-  Don't put oil and grease down the sink or storm drain.
-  Don't use plastic bags, foam take-out containers, or disposable plastic bottles.
-  Don't use fertilizers, copper-containing fungicides, and synthetic pesticides.

To learn more, visit: ddoe.dc.gov/service/reduce-stormwater-runoff



STORMWATER MANAGEMENT

TMDL IP & REVISED MONITORING PLAN

DDOE is responsible for improving the quality of water by reducing pollution from the District's Municipal Separate Sewer System (MS4) area. DDOE developed the Consolidated Total Maximum Daily Load (TMDL) Implementation Plan (IP) to help the District meet its water quality goals.

TMDL IMPLEMENTATION PLAN

TMDLs specify the maximum amount of pollutant loads waterbodies can receive and still meet water quality standards. The District developed a plan that addresses 200 pollutant loads for over 20 pollutants in over 40 waterbodies.

With the implementation of the Stormwater Plan, the District is committed to reclaiming our rivers. Through the combined efforts of the District and residents the water quality of our rivers will improve recreation and enjoyment by all.

PROGRAMS TO REDUCE POLLUTANTS



Stream Cleanups



Education



Trash Traps



Sweeping



Legislation

REVISED MONITORING PLAN

The Revised Monitoring Plan will help the District evaluate the effectiveness of the TMDL Implementation Plan by:

- 1 Estimating the amount of pollution going into receiving waters during wet weather events;
- 2 Evaluating the health of the receiving water; and
- 3 Monitoring to help determine the source of pollutants.

Ultimately, this monitoring program will determine if the District is in compliance with the MS4 permit and will assess the quality of the stormwater management program.

You can read the Consolidated TMDL IP and the Revised Monitoring Program at DCStormwaterPlan.org

The public comment period is open until **August 14, 2015**



RECLAIMING OUR RIVERS