



Jim Foster

President



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SOCIETY

Clean the Water, Recover the Shores, Honor the Heritage

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Goal = Swimmable & Fishable Anacostia River by 2025

Tactics =

- Educate**
- Demonstrate**
- Engage**



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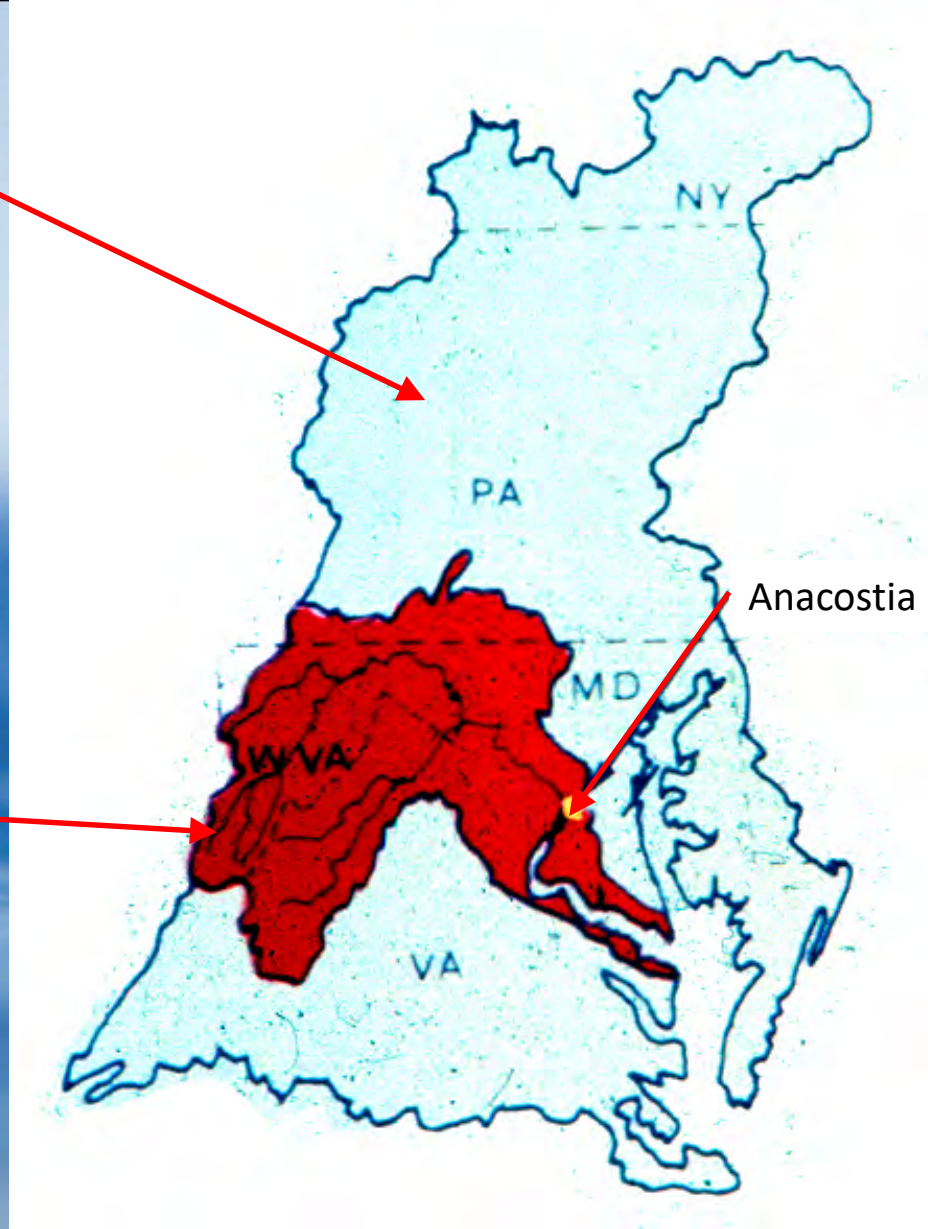
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Chesapeake Bay
Watershed

Anacostia River Watershed

Potomac River
Watershed

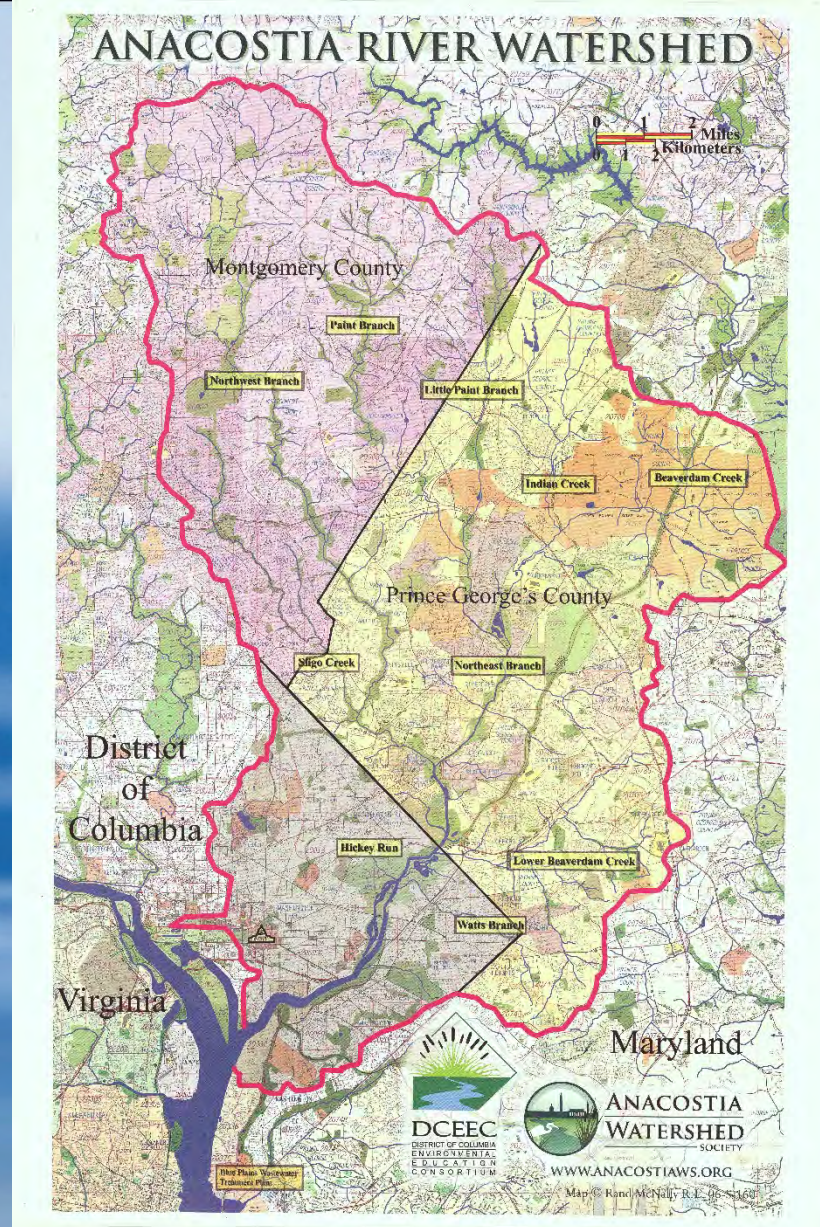


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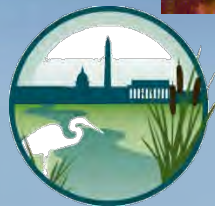
**The Anacostia
River watershed is
home to 1 million
people**



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The Anacostia is an Urban river

- About 75% of the watershed is developed
- About 40% of the impervious cover is roads
- Most development predates modern stormwater controls
- Aging combined sewer system in parts of DC



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Main pollutants

- Bacteria
- Nutrients (N&P)
- Sediments
- Toxics
- Trash



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Urban Impacts to the Anacostia River



Sewage



Trash



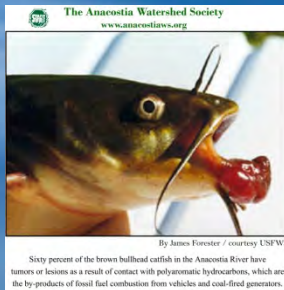
Sediment



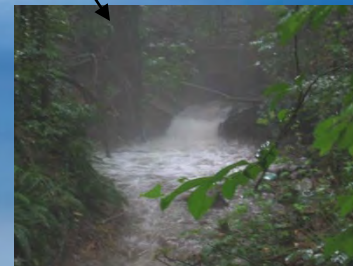
Stormwater



Nutrients



Toxics



Thermal



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Impervious Surfaces

Roadway

Rooftop

Parking Lot



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High volume and velocity of stormwater after a small rain



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Water Quality

- Oils and grease
- PCBs
- PAHs
- Pesticides
- Heavy metals

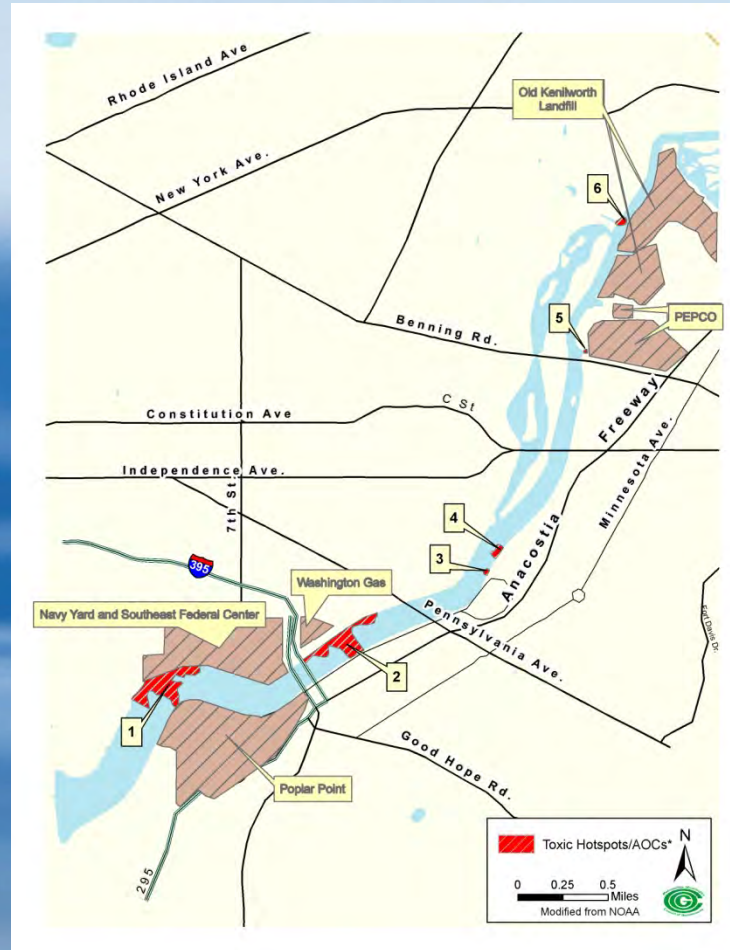


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Legacy Toxic Sites



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Sixty percent of the brown bullhead catfish in the Anacostia River have tumors or lesions as a result of contact with polycyclic aromatic hydrocarbons, which are the by-products of fossil fuel combustion from vehicles and coal-fire generators

By James Forester Courtesy: USFWS

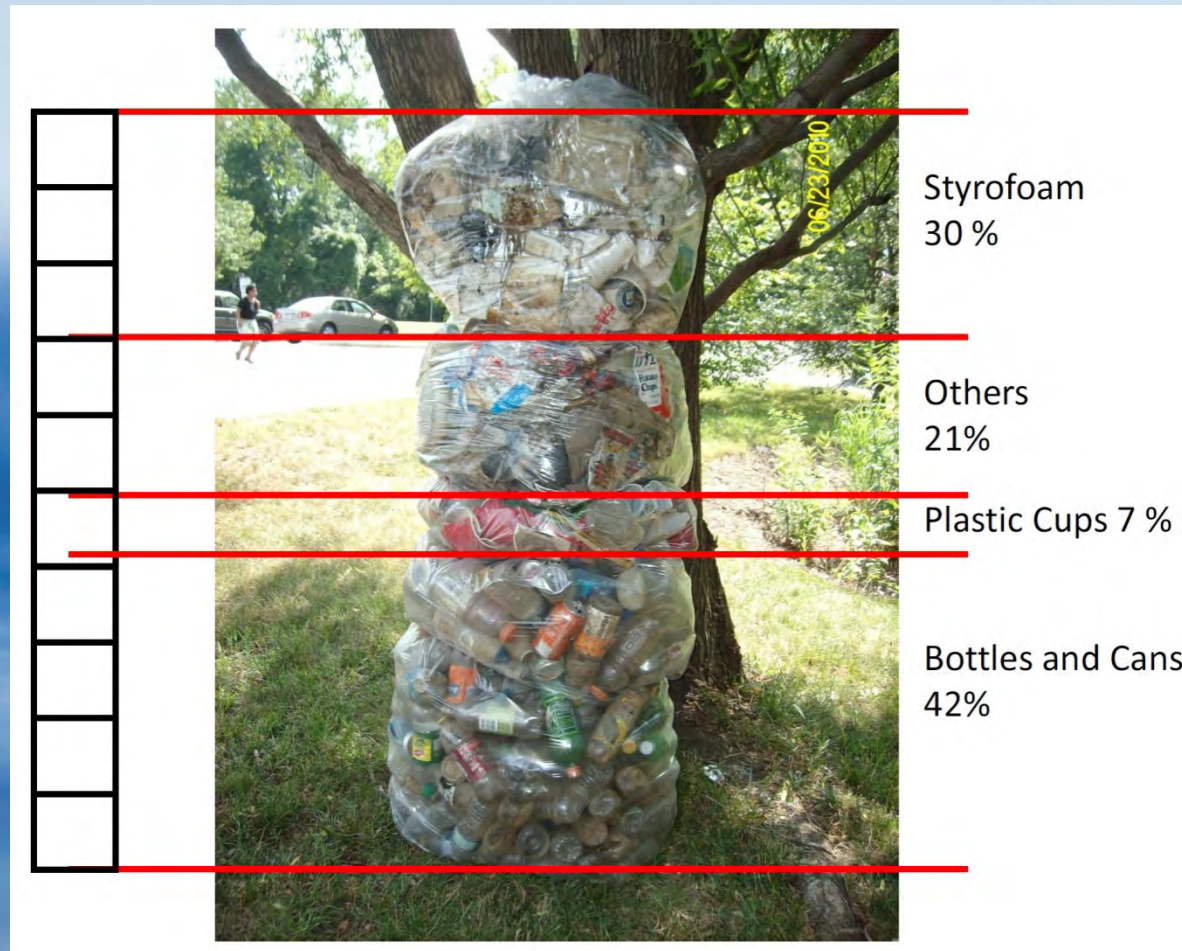


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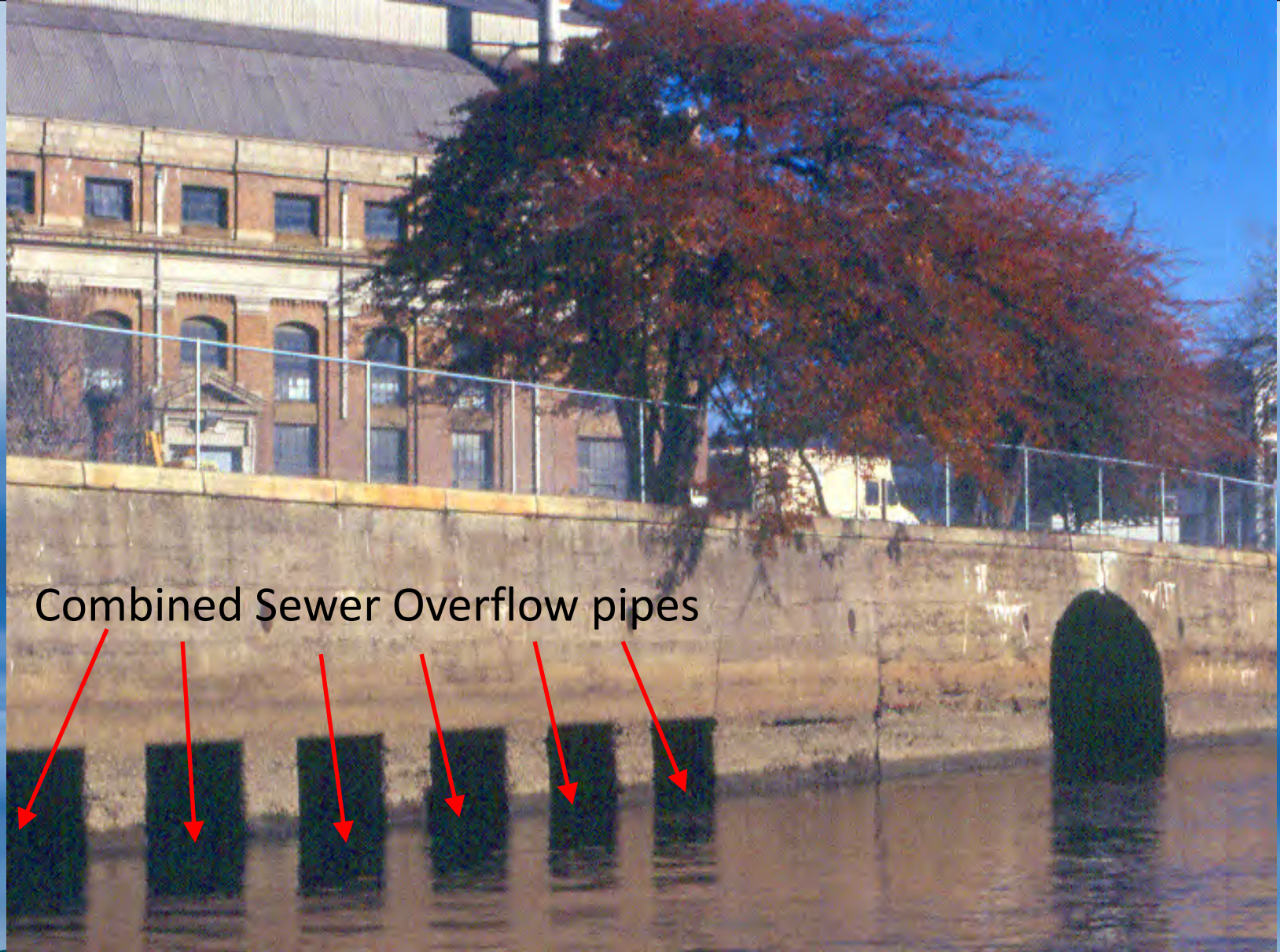
What We Find in our Trash Trap



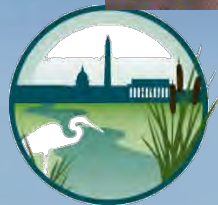
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Combined Sewer Overflow pipes



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Broken sewer line leaking into stream
Sligo Creek at New Hampshire Avenue
Montgomery County, MD October 10, 2003



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Solutions!!



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Reconnecting people to place

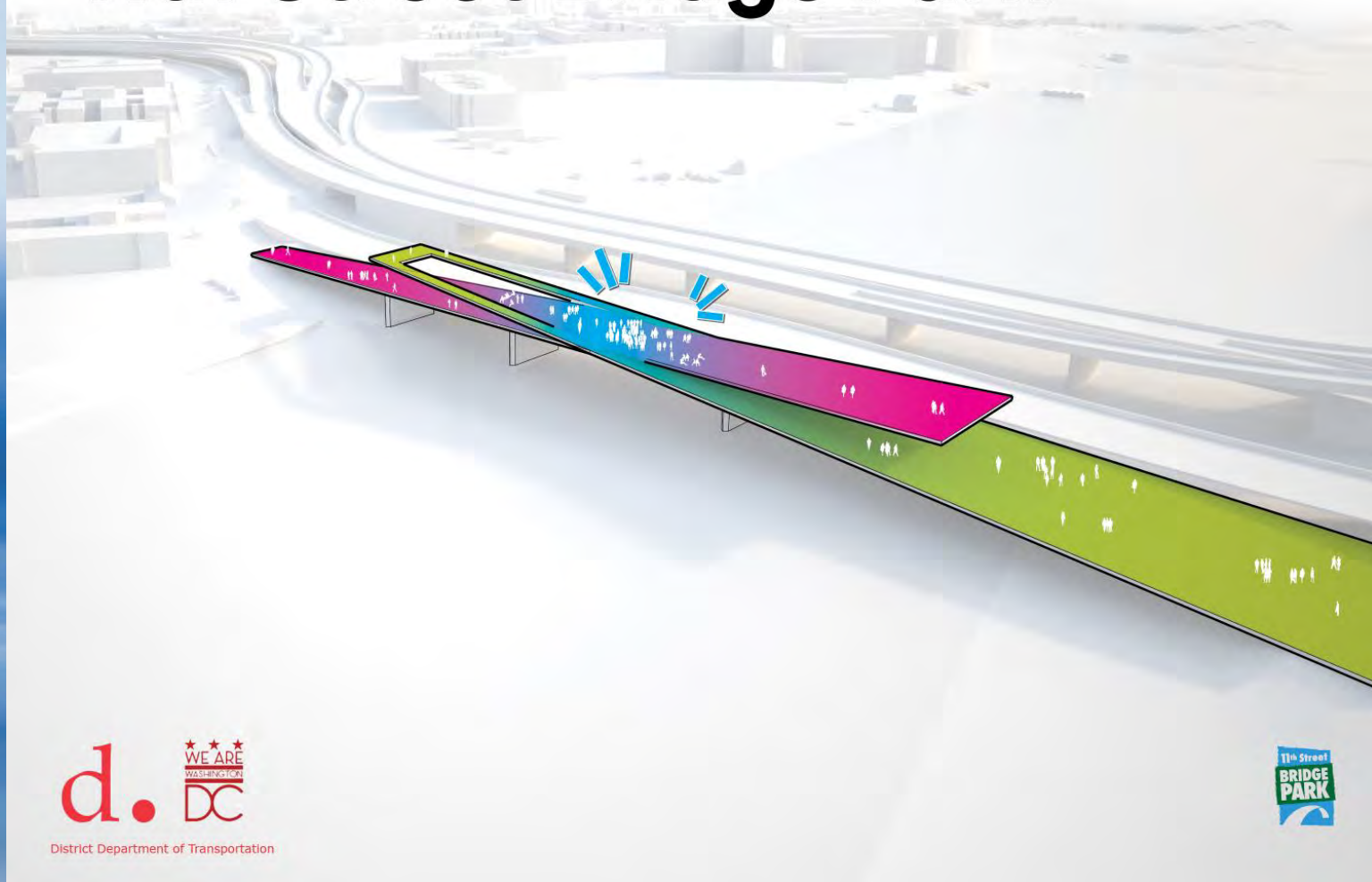


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11th Street Bridge Park



District Department of Transportation



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Recreation



Connecting people with the River



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Anacostia Bike Trail



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Anacostia Water Trail

Maryland & Washington, DC

Anacostia Park, National Capital Parks - East
Captain John Smith Chesapeake National Historic Trail
Star-Spangled Banner National Historic Trail
National Park Service, U.S. Department of the Interior



There are lots of ways to experience the Anacostia River and the destinations along its shores.

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IF YOU LIKE TO BE ON THE WATER — or you'd like

IF YOU LIKE TO BE ON THE WATER — or you'd like to give it a try — **Roanoke Park** and **Roanoke City Waterfront Park** are good places to launch a kayak or canoe. Both parks are located on the south side of the Navy Yard and in the Washington Channel. If your sailing skills are rusty, or you're ready to learn something new, **D.C. Sail** provides rentals and lessons for members.

Anacostia Park, where there is space to load and unload

ANACOSTA PARK is a new place where there's plenty of space to load and unload gear and a new stretch to paddle both north and south of the C&D bridge.

carve profits on its. You'll also notice, as one of the

the car can stay hot and sunny places along the river without heating dry land.

Summer is a great time to visit North Carolina's beautiful coastline. For more information, visit www.visitnc.com.

offer more routes for taking and returning taking bus. Buses are available at designated locations through **Capital Bikeshare** and through the rental office at **Bloomsbury Waterford Park**.

The [Acropolis Waterfront](#) offers free guided tours for

ARACUNETA PARK is a very large waterfront park with lots to offer. You'll find picnicking grounds with grills, waterfront trails, and public restrooms. The Aracuneta Pavilion is available for special events. The

fun and relaxing way to be on the water, especially if you're not a fan of boating.

fun and relaxing way to be on the water, especially if you're not ready to explore on your own. Try being offered by the **Apprentice Watershed Society and Bismarburg Watershed Park**, which highlight the local fish and wildlife.

For a more adventurous experience

For a more adventurous experience, try **SALEVO** Salsaros for the best depths and winds toward the mouth of the

Safety is your responsibility. If you choose to explore the Francisco River, make sure you have the appropriate boating skills before setting out and always use good judgment. Here are a few tips to remember:

- Wear your life jacket at all times.
- Research your make and wave on itinerary with a friend or loved one.
- Check the weather before you leave and make sure you are prepared for conditions at sea.
- Know the tides. The Anacostia is a tidal freshwater river, which means that water levels change by approximately three feet twice per day. Especially use caution in the Kentilworth and
- to get stuck in deep mud as the tide goes out or changes.
- **Never paddle alone!** Always paddle with a buddy - preferably more than one.
- Bring extra drinking water and food. Paddle on an exotic paddle and you will need it.
- Bring your cell phone (you may dry it or store it in a waterproof container).

This informational map is not intended for navigational purposes. For more guidance planning a safe boating trip, see the American Cancer Association's top ten safety tips: www.american-cancer.org/boatsafe. Tel. 1-800-273-8889.

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Each stream that drains into the Anacostia has its own watershed as well and is a sub-watershed of the Anacostia. Likewise the Anacostia is a sub-watershed of the larger Potomac River and Chesapeake Bay watershed. The water from the Anacostia River flows into the Potomac River, which then drains into the Chesapeake Bay, finally reaching the Atlantic Ocean nearly 200 miles downstream from Washington, DC.

Over 1 million people live in the Apacotepec Watershed, yet much of the river itself is surprisingly isolated from the city.



For more detailed information on the Analyst

Anacostia Watershed Society's

Earth Day CLEANUP

Saturday, April 13, 2019
9am - Noon

Cleanup Sites in the Anacostia Watershed in MD and DC



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Education



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Public Policy and Advocacy

Stormwater Infrastructure

Slow it Down and Soak it In

Low Impact Development

Funding and Leadership in
place



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Nash Run Trash Trap



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Regenerative Stormwater Conveyance



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Senate Square Washington DC



This job consisted of 10,000 of in downtown DC. Deliveries were managed to just-in-time standards. Almost no staging area was available on ground. Coordinated shared lifts with other trades. Plantings ranged from extensive to semi-intensive. 40% of roof area was covered in pavers set to precise elevations.



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Pavers allow rainwater
to infiltrate through the
cracks



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