

RECLAIMING OUR RIVERS





OVERVIEW

- Background on District Water Pollution
- Major Sources of Pollution
- Steps the District is taking to reclaim our rivers

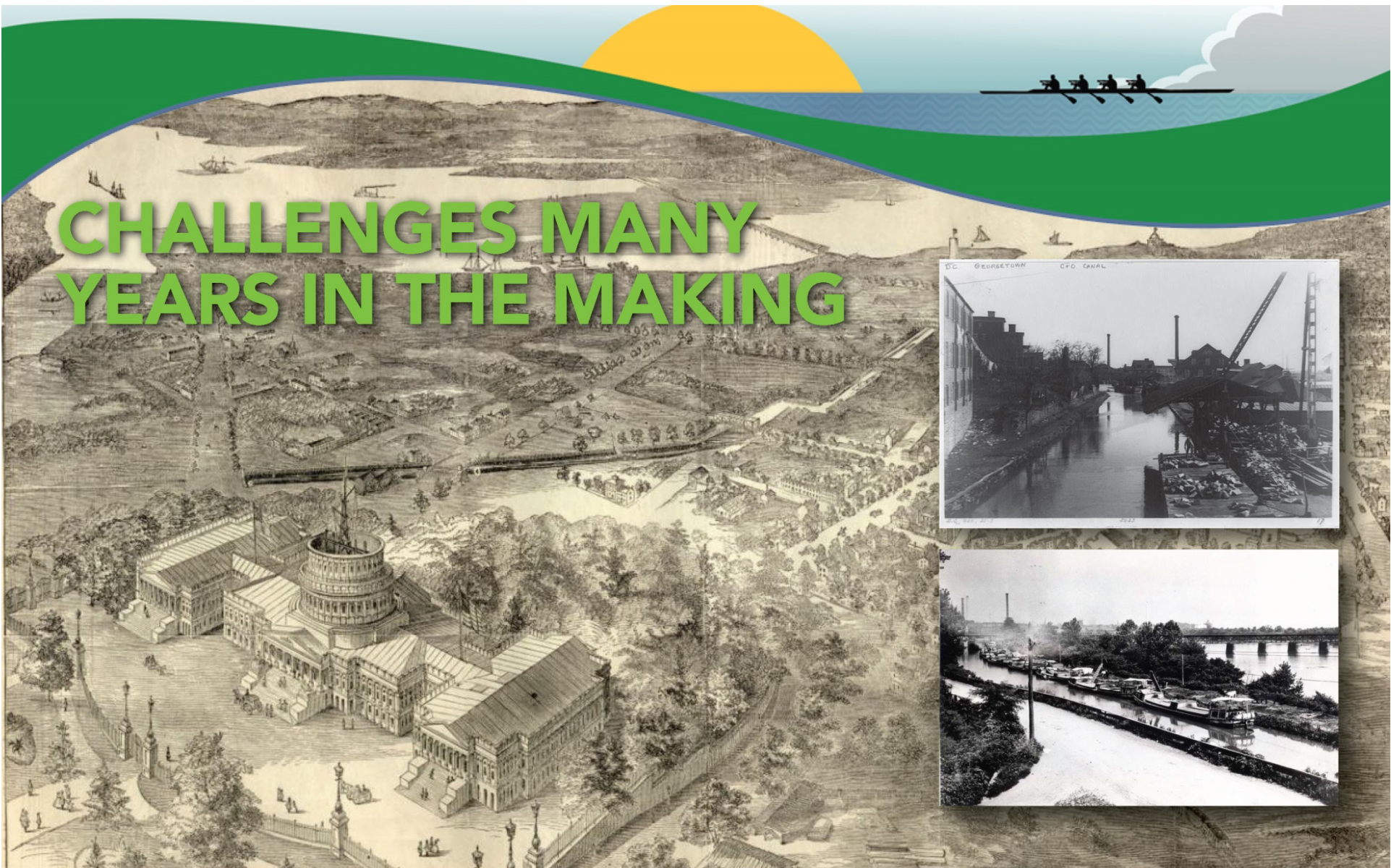
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CHALLENGES MANY YEARS IN THE MAKING

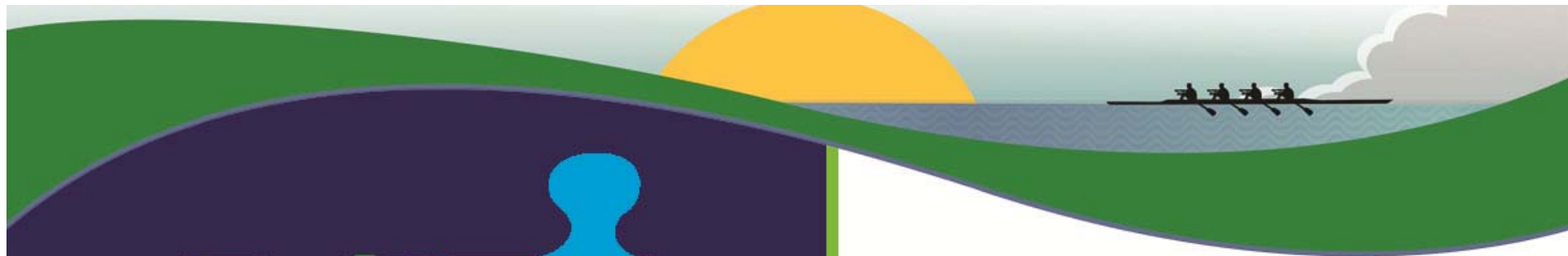


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DISTRICT WATERWAYS POLLUTION CONTROL



LEGACY
TOXICS



RAW SEWAGE
IN CSOs



UPSTREAM
SOURCES



STORMWATER

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LEGACY TOXICS

- River bottom sediments contaminated with harmful chemicals from past industrial activity
- Poses risks to health of wildlife and residents

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An illustration of a river landscape. In the background, a large yellow sun is partially obscured by a green hill. To the right, a rowing team of four people is on the water. The sky is light blue with a white cloud. The foreground is a dark purple area containing the title and bullet points.

ANACOSTIA RIVER SEDIMENT INVESTIGATION

- Sample sediment, water, and fish from a nine-mile segment of the Anacostia River
- Develop a cleanup plan for contaminated sediments
- Improve River's health, increase residents' enjoyment, and create tourism opportunities

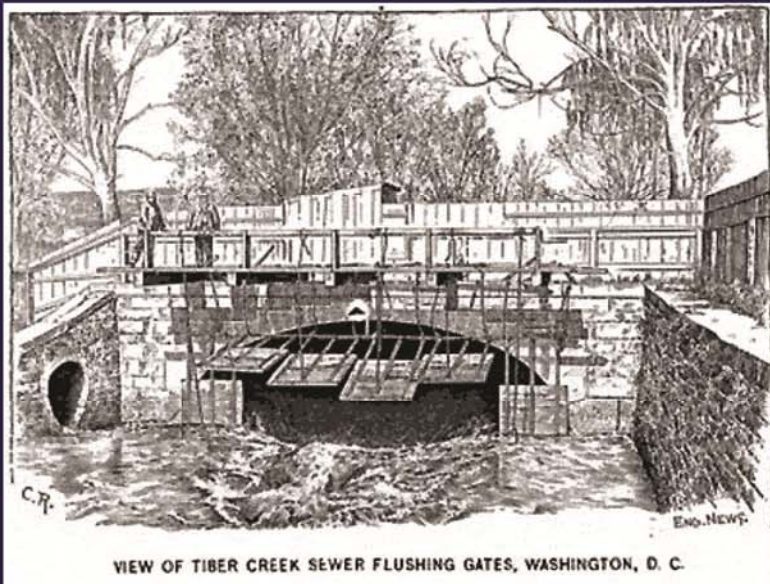
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CSOs



- 1/3 of the District served by a Combined Sewer System that mixes stormwater runoff with sanitary sewage
- During heavy rains, this system can overflow, releasing untreated sewage to rivers

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CLEAN RIVERS PROJECT

- DC Water's infrastructure and support program to reduce combined sewer overflows
- Will reduce combined sewer overflows by 96%

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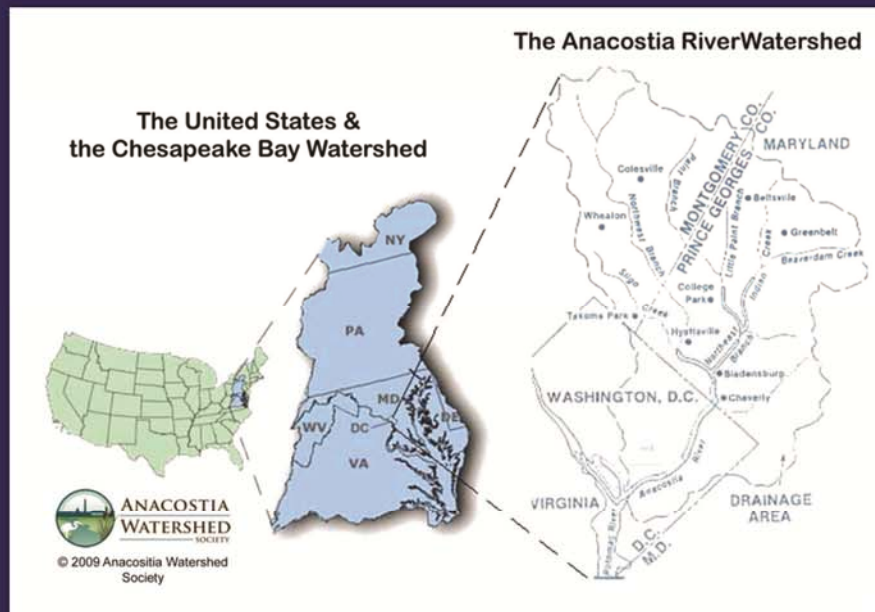


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UPSTREAM SOURCES

POLLUTION FROM BEYOND THE DISTRICT IMPACTS OUR WATERS



The District of Columbia makes up only:

- 0.5% of Potomac River watershed
- 18% of Anacostia River watershed
- 21% of Rock Creek watershed

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UPSTREAM SOURCES

POLLUTION FROM BEYOND THE
DISTRICT IMPACTS OUR WATERS

- Regional coordination and collaboration to ensure District programs and efforts are mirrored upstream
- Establish a comprehensive, regional plan to protect and restore entire watersheds

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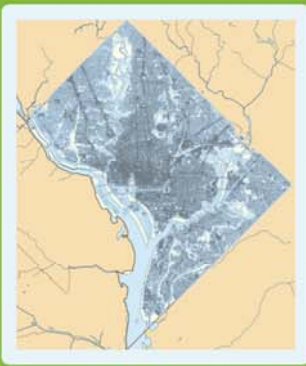


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STORMWATER RUNOFF

IMPERVIOUSNESS



43% IMPERVIOUS

1.2 INCH STORM = 525 MILLION GALS OF RUNOFF



STORMWATER



DEGRADATION



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STORMWATER IMPROVEMENTS

GOALS

TURN BACK THE CLOCK
ON DEVELOPMENT

RETROFIT IMPERVIOUS SURFACES
WITH **GREEN INFRASTRUCTURE**

LAYERED PROGRAMS

DIRECT PUBLIC INVESTMENT
INCENTIVES
REGULATIONS



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STORMWATER IMPROVEMENTS DIRECT PUBLIC INVESTMENT



TRANSPORTATION RIGHT-OF-WAY
PUBLIC BUILDINGS
STREAM RESTORATIONS

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STORMWATER IMPROVEMENTS INCENTIVE PROGRAMS



SUBSIDIES FOR PRIVATE SECTOR (RIVERSMART)
STORMWATER FEE DISCOUNT PROGRAM
STORMWATER RETENTION CREDIT TRADING MARKET

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**OTHER
STORMWATER
MANAGEMENT
INITIATIVES**

BAG LAW
COAL TAR BAN
STYROFOAM BAN

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REVISED STORMWATER REGULATIONS

- Effective January 2014
- Major land-disturbing activities must retain the first 1.2" of rainfall.
- Substantial interior renovation projects must retain the first 0.8" of rainfall.

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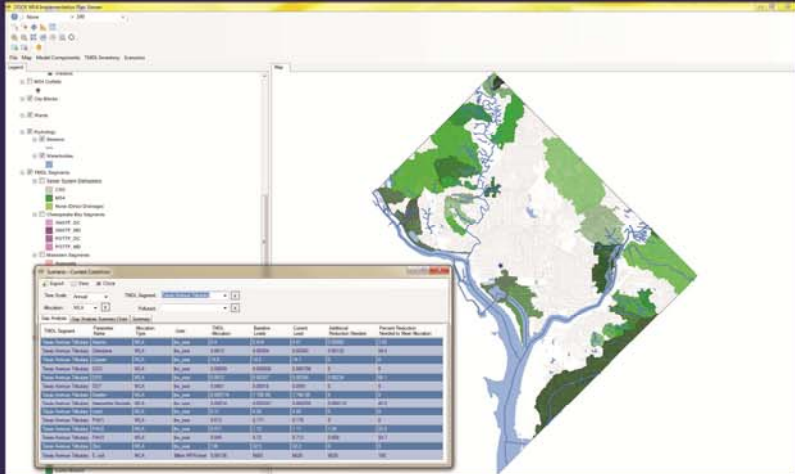
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TMDL IMPLEMENTATION PLAN

- Long range Plan to address over 20 pollutants in over 40 waterbodies
- Sets a schedule for achieving our water quality goals
- Models the impact and effectiveness of the District's combined stormwater management efforts





PUBLIC COMMENT

The TMDL Plan and companion Revised Monitoring Plan are available for public comment until August 14, 2015

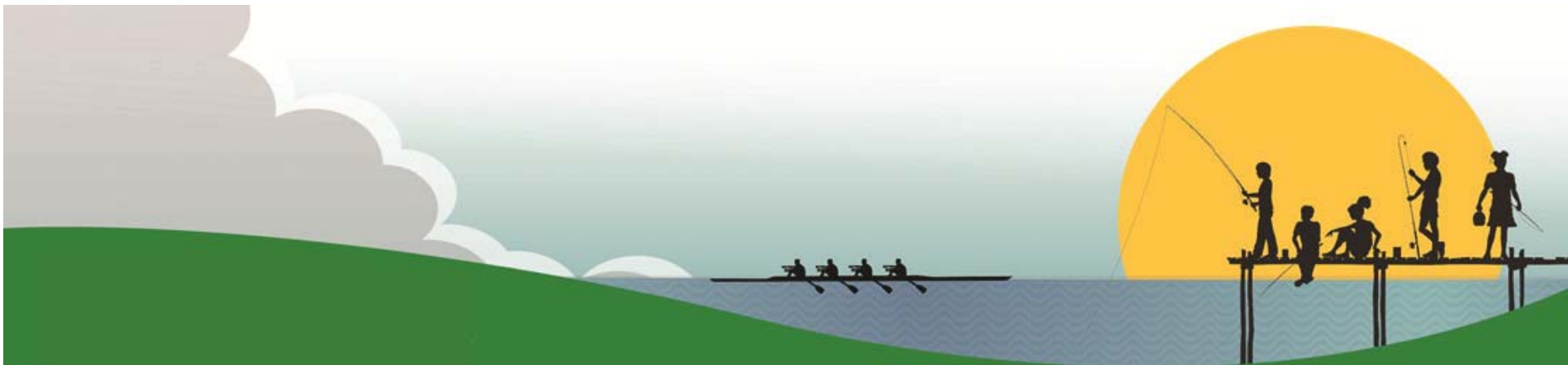
For more information visit **DCStormwaterPlan.org**

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