



Wastewater Infrastructure: Out of Sight, Out of Mind, Until it's Not

September 24, 2026 presentation to LGAC

Matt Ries, PE, PhD, WEF Fellow
Vice President, Strategy & Performance
DC Water



Water Distribution and Wastewater System

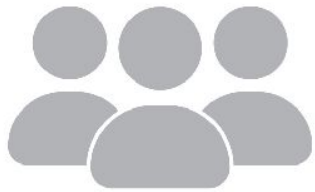
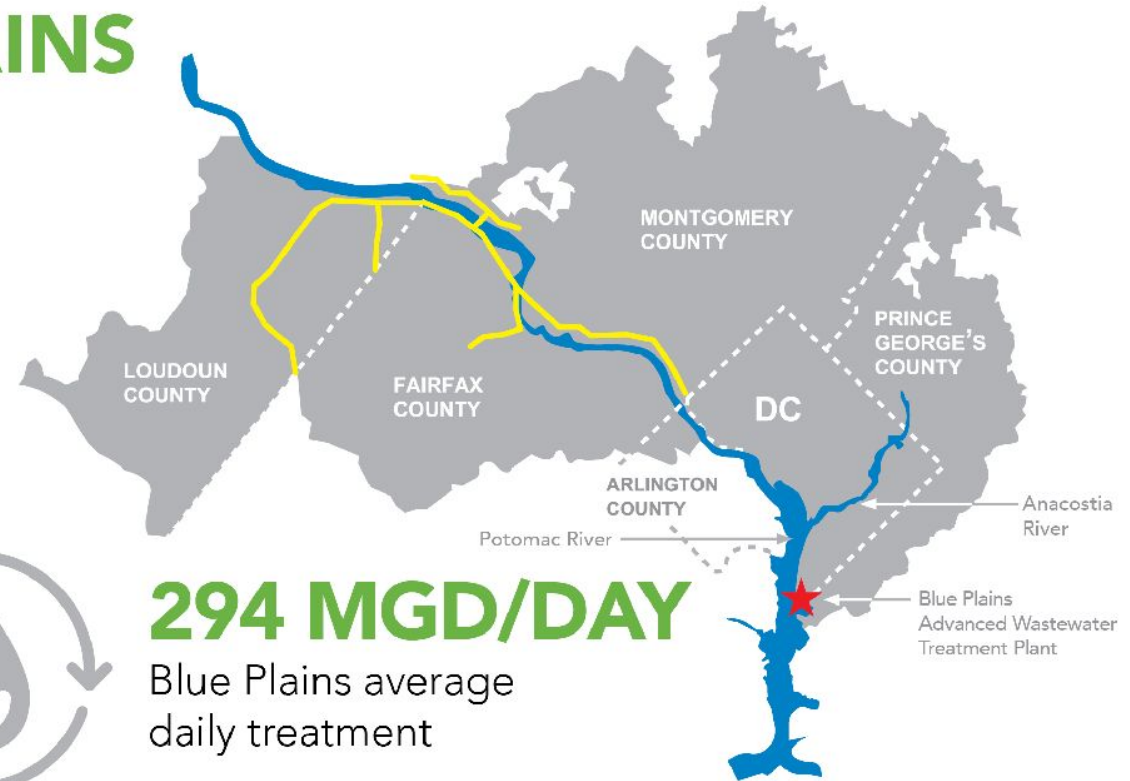
700,000+

DC residents served with retail water service.
+27 million annual visitors.



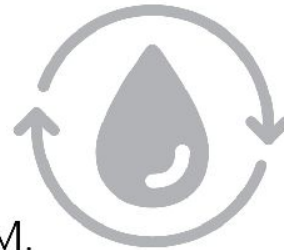
BLUE PLAINS SERVICE AREA

- Blue Plains Service Area
- Potomac Interceptor
- ★ Blue Plains Advanced Wastewater Treatment Plant
- Potomac River - Water Source



1.8 MILLION

Regional wastewater customers
(MD and VA) served in addition to DC.
Total wastewater customers served = 2.5M.



294 MGD/DAY

Blue Plains average
daily treatment

1,300 MILES

of interconnected
water pipes across D.C.



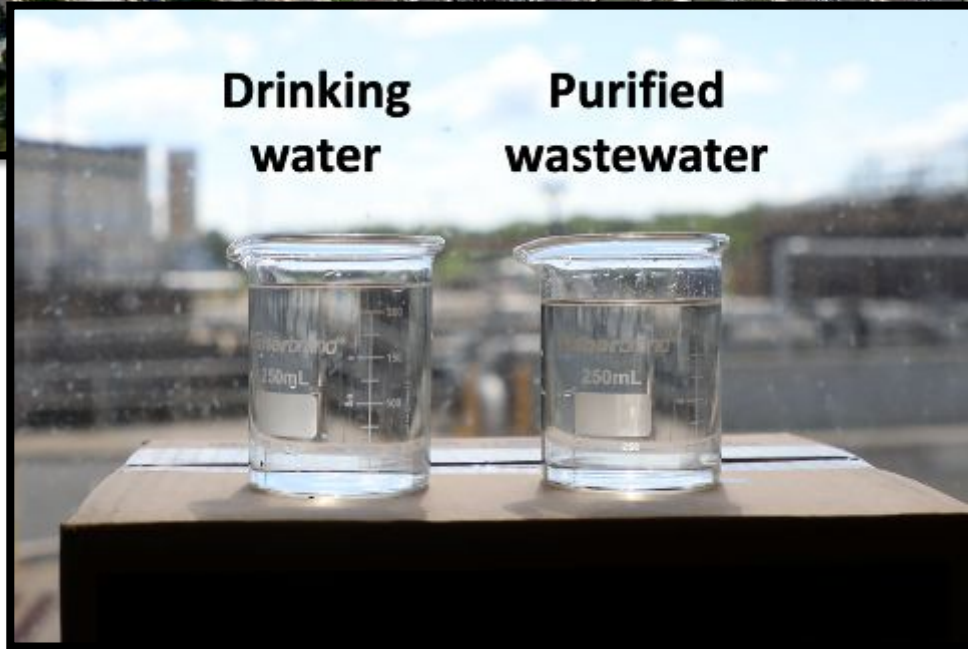
1,900 MILES

725 square miles of
sanitary and combined sewers.



Average daily water
pumped (FY2024).

100 MGD

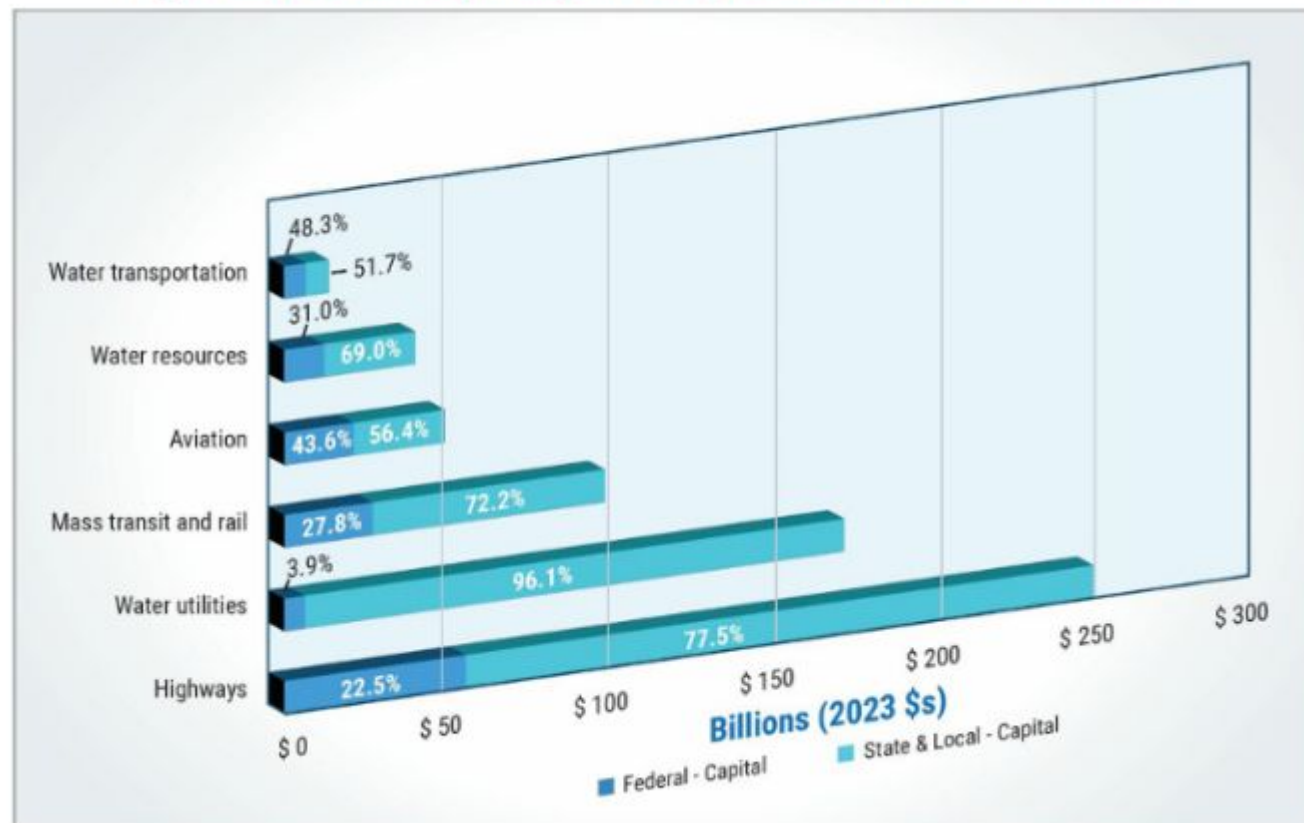


Beyond the Replacement Era:

Balancing Compounding Infrastructure Needs
With Household Affordability

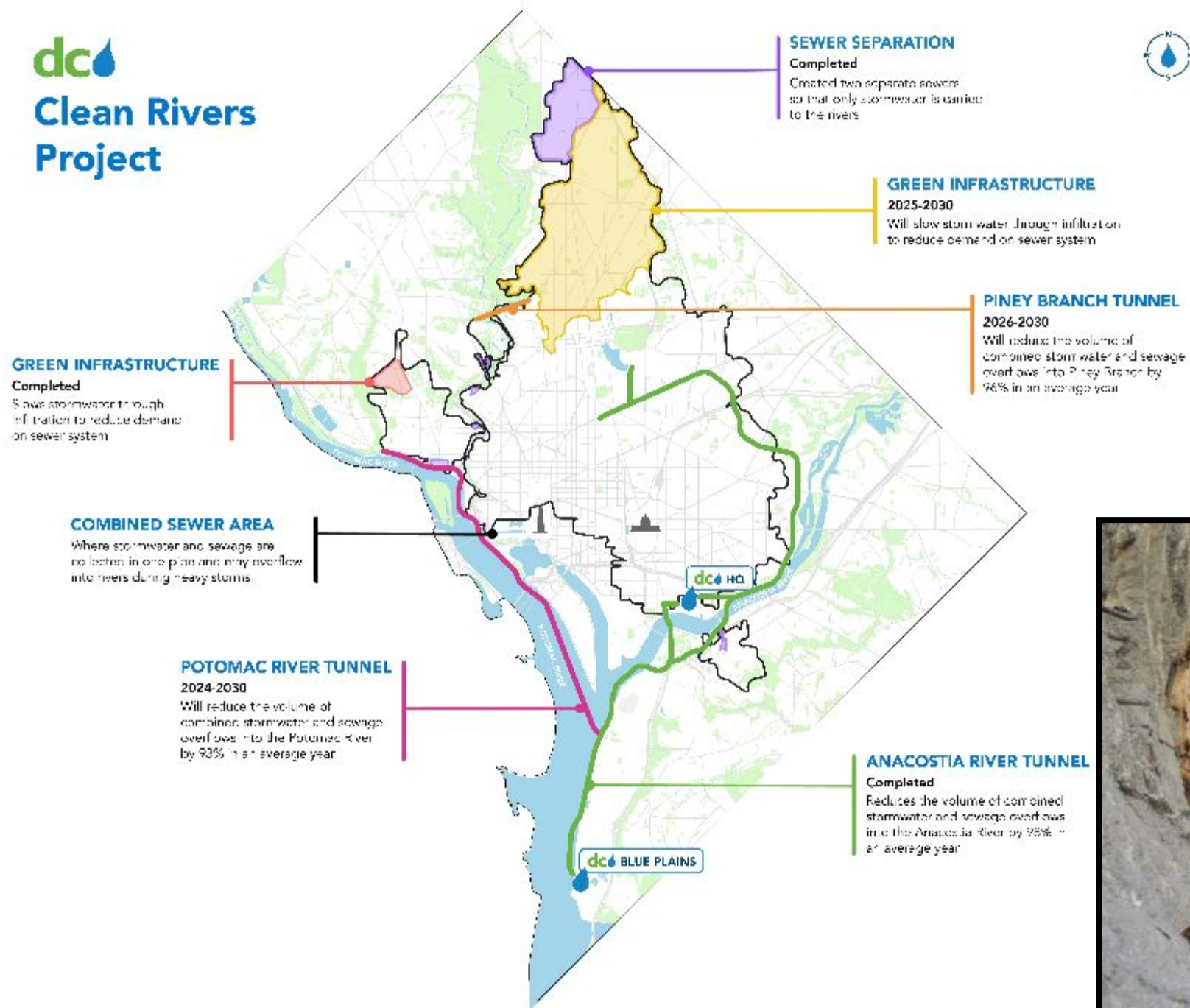


Figure 5: 2023 Public Spending on Transportation and Water Infrastructure

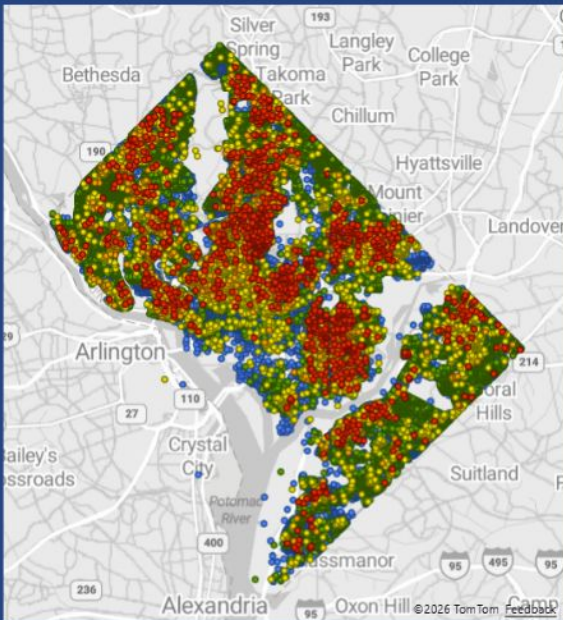




dc
Clean Rivers
Project



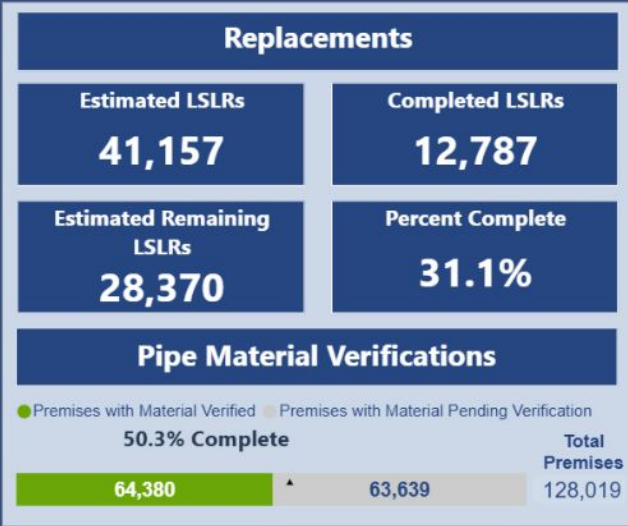




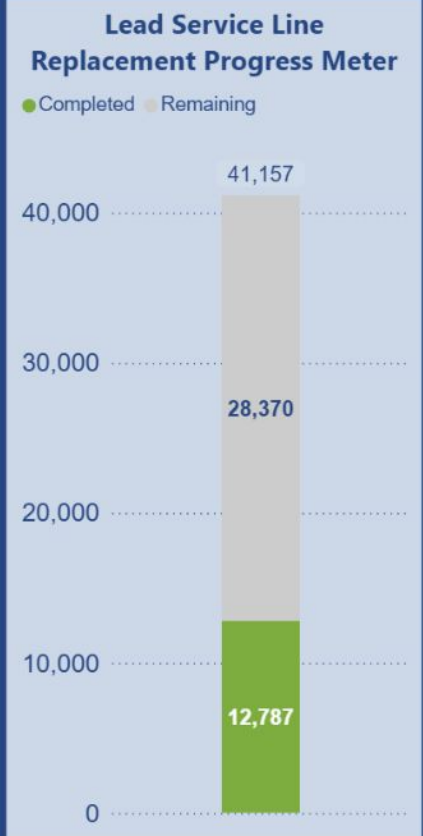
Useful Links

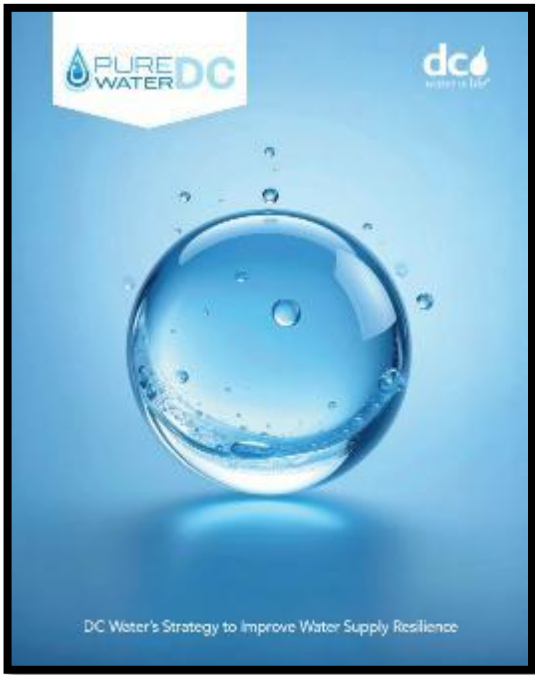
[Lead Inventory Map](#) [LFDC Construction Dashboard](#)

* Data displayed is from 10/1/2019 to 8/3/2026



Display Category	Premise Count	Percent Total
Verified Non-Lead	57,533	44.9%
Suspected Non-Lead	48,960	38.2%
No Information	9,402	7.3%
Suspected Lead	5,277	4.1%
Verified Lead	6,847	5.3%





DISTRIBUTION SYSTEM OPTIMIZATION

Improving our assets to limit planned and unplanned losses



PROTECTING THE FIRST SOURCE

Acting to enhance the resilience of our only supply



REGIONAL ALIGNMENT

Working with watershed partners to improve supply resilience



LONG TERM REGIONAL EMERGENCY STORAGE

New reservoirs for the long-term



SECOND SOURCE

Developing options for supply redundancy





DC Water Approved FY 2026 Budget

Adopted March 6, 2025 (Fiscal year starts on October 1)

Dr. Unique Morris-Hughes, Board Chair

David L. Gadis, Chief Executive Officer and GM

Matthew T. Brown, Chief Financial Officer and EVP



Healthy, Safe and Well

• Reliable

• Resilient

• Equitable

• Sustainable

Potomac River Tunnel Groundbreaking Ceremony – May 21, 2024



CAP

Provides monthly discounts to residential customers with household incomes less than \$154,700 (family of four)



Lifeline Rate

Provides a discount to residential customers on the first 2,992 gallons used each month

Payment Terms

DC Water provides flexible payment terms for customers to get back on track

One-Time Assistance

SPLASH provides one-time emergency assistance to customers

Leak Assessment Program

Seniors with incomes up to \$106,450 can qualify for discounts (single family household)