



District of Columbia Water and Sewer Authority Environmental Quality & Operations Committee

Environmental Quality and Operations Committee June 18, 2025 / 9:30am

Microsoft Teams meeting

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1. **Call to Order** _____ Sarah Motsch, Chairperson
2. **Roll Call** _____ Michelle Rhodd, Board Secretary
3. **[May 2025 Blue Plains Wastewater Treatment Plant Performance](#)** _____ [Nicholas Passarelli](#)
4. **Action Items** _____ Moussa Wone and John Pappajohn

Joint Use

- a. [Contract No. 10272 – Annual Maintenance and Repair of High Voltage Electrical Equipment – U.S. Electrical Testing, LLC.](#)
- b. [Contract No. 10240 – Constellation New Energy, Inc. – Constellation New Energy, Inc.](#)
- c. [Contract No. 10516 – Trimble Unity Enterprise Application – Trimble Inc.](#)
- d. [Contract No. DCFA #541 - WSA – Engineering Program Management Consultant 2G – Water Smart Alliance, Atkins Realis USA, Inc., Stantec Consulting Services, Inc.](#)
- e. [Contract No. 250100 – Linear Water & Sewer Master Service Agreement \(MSA\) – Multiple Contractors](#)

Non-Joint Use

- a. [Contract No. 240040 – Construction Manager At Risk \(CMAR\)– Early Work Package Amendment No. 1 - Clark Construction Group](#)

5. **Executive Session*** _____ Sarah Motsch
6. **Adjournment** _____ Sarah Motsch

This meeting is governed by the Open Meetings Act. Please address any questions or complaints arising under this meeting to the Office of Open Government at opengovoffice@dc.gov.

1The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss certain matters, including but not limited to: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); terms for negotiating a contract, including an employment contract, under D.C. Official Code § 2-575(b)(2); obtain legal advice and preserve attorney-client privilege or settlement terms under D.C. Official Code § 2-575(b)(4)(A); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security matters under D.C. Official Code § 2-575(b)(8); disciplinary matters under D.C. Official Code § 2-575(b)(9); personnel matters under D.C. Official Code § 2-575(b)(10); third-party proprietary matters under D.C. Official Code § 2-575(b)(11); train and develop Board members and staff under D.C. Official Codes § 2- 575(b)(12); adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters or violations of laws or regulations where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14); and other matters provided under the Act.



Blue Plains Wastewater Treatment Performance

Nicholas Passarelli

Vice President Wastewater Treatment Operations

May 2025 Blue Plains Wastewater Treatment Plant Performance

Permit & Flows – May 2025

- All weekly and monthly NPDES permit requirements were met
- Average Outfall 002 flow for May 2025: 318 MGD
- Peak Day flow: May 14th at 506 MGD

Tunnel Systems and Wet Weather – May 2025

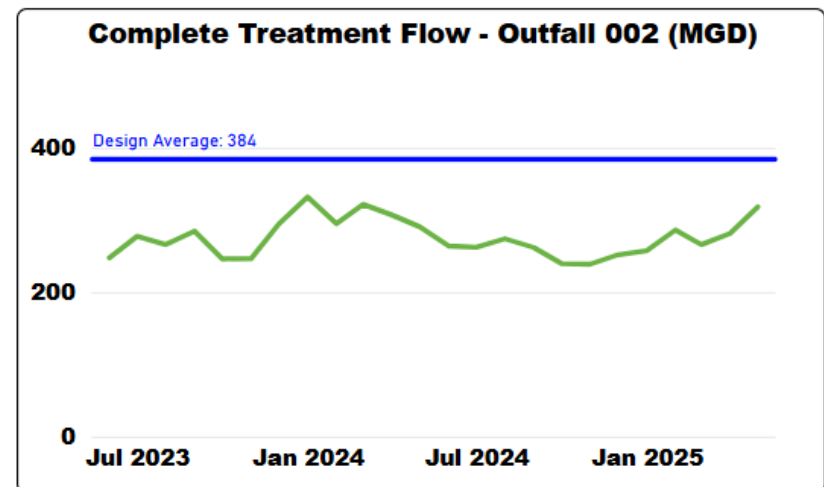
- 521 MG Captured in Tunnel with 0 overflows
- 7.7 inches of rain

Electrical Energy Use and Generation – May 2025

- 25% of electricity was generated onsite
- Combined Heat and Power (CHP) facility produced an average of 8.4 megawatts (MW)
- Solar System produced an additional 0.75 MW of power on average
- Total electricity consumption at Blue Plains averaged 30.1 MW with average of 22.4 MW purchased from PEPCO
- Total Purchased Power Savings FY2025 (thru Jan 2025): \$2,033,600

Class A Biosolids – May 2025

- Blue Drop sold approximately 6,847 tons of Bloom; total of 41,361 tons towards FY25 goal of 70,000 tons.
- Produced 16,234 tons of biosolids for the month, remaining 9,388 tons managed through land application contracts



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

ANNUAL MAINTENANCE AND REPAIR OF HIGH VOLTAGE ELECTRICAL EQUIPMENT

(Joint Use Direct)

This contract action is adding option year three in the amount of \$2,550,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: U.S. Electrical Testing, LLC. 1765 Greensboro Station Place Tysons, VA. 22102	SUBS: District Fleet Chinook Systems	PARTICIPATION: DBE 11% WBE 2%
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DESCRIPTION AND PURPOSE

Base Contract Award Value:	\$1,930,000.00
Base Contract Award Dates:	07-01-22 – 06-30-23
Option Year 1 Value:	\$1,979,660.00
Option Year 1 Dates:	07-01-23 – 06-30-24
Option Year 2 Value:	\$2,039,049.00
Option Year 2 Dates:	07-01-24 – 06-30-25
Prior Modification Value:	\$0.00
Prior Modification Dates:	07-01-25 – 07-31-25
Option Year 3 Value:	\$2,550,000.00
Option Year 3 Dates:	08-01-25 – 07-31-26

Purpose of the Contract:

This contract is for the annual maintenance of high voltage equipment supporting both the Department of Maintenance Services (DMS) and Water and Sewer Operations (WSO). DMS and WSO have a continuing need for maintenance of high voltage switchgear and power distribution equipment throughout DC Water's facilities.

Contract Scope:

The contract provides the following services: labor; transportation; replacement parts for repairs; and calibration, installation, and maintenance of electrical control switchgear, controls, substation breakers, transformers (up to 69KV), current transformers, protection relays, and other related devices. In addition, this contract also performs miscellaneous activities during the commissioning of new equipment like point-to-point drawing field verification, coordination study implementation verification, and other related tasks. The increase in the funding requirement is due to Water and Sewer Operations accounting for emergency work for an aging infrastructure including sewer pumps and motors. The extension will allow time to completely evaluate the current procedure, explore other options, prepare and issue a solicitation, and make a new award for the services.

Spending Previous Year:

Cumulative Contract Value:	07-01-22 to 06-30-25: \$6,116,709.00
Cumulative Contract Spending:	07-01-22 to 05-22-25: \$5,987,530.41

Contractor's Past Performance:

According to the COTR, the Contractor's quality of products and services, timeliness of deliverables; conformance to DC Water's policies, procedures, and contract terms; and invoicing, all meet expectations and requirements.

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Maintenance Services	Contract Number:	10272
Contractor Market:	Open Market with goals for DBE/WBE		

BUDGET INFORMATION

Funding:	Operating	Department:	Department of Maintenance Services (DMS)
Project Area:	Blue Plains	Department Head:	Elkin Hernandez

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	43.27%	\$843,765.00
Washington Suburban Sanitary Commission	41.18%	\$803,010.00
Fairfax County	10.02%	\$195,390.00
Loudoun Water	4.81%	\$93,795.00
Other (PI)	0.72%	\$14,040.00
TOTAL ESTIMATED DOLLAR AMOUNT	100%	\$1,950,000.00

BUDGET INFORMATION

Funding:	Operating	Department:	Water and Sewer Operations (WSO)
Project Area:	DC Water Pump Stations (Anacostia, Eastside, Potomac, Bryant St. Main and O Street)	Department Head:	Chris Collier

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	100%	\$600,000.00
Washington Suburban Sanitary Commission	0%	\$0.00
Fairfax County	0%	\$0.00
Loudoun Water	0%	\$0.00
Other (PI)	0%	\$0.00
TOTAL ESTIMATED DOLLAR AMOUNT	100%	\$600,000.00

Signed by: Jeffrey F. Thompson 6/5/2025
 Jeffrey F. Thompson
 Chief Operating Officer and EVP

DocuSigned by: Matthew T. Brown 6/11/2025
 Matthew T. Brown
 CFO and EVP of Finance, Procurement and Compliance

DocuSigned by: Korey Gray 6/11/2025
 Korey R. Gray
 VP Compliance and Chief Procurement Officer

David L. Gadis Date
 CEO and General Manager

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT ADDITIONAL FUNDING

**CONSTELLATION NEW ENERGY, INC.
(Joint use Indirect Cost)**

Approval to exercise Option Year 7 for Electric Energy Services and associated Energy Generation and Transmission Services in the amount of \$22,750,713.25.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Constellation New Energy, Inc. 100 Summit Lake Drive, Suite 410 Valhalla, NY 10595	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Year Value:	\$91,375,000.00
Base Year Dates:	03-12-2014 – 03-11-2019
Option Year 1 – Option Year 3 Value:	\$0.00 included in the Base Contract
Option Year 1 – Option Year 3 Dates:	03-12-2019 – 05-26-2022
Option Year 3 – Option Year 5 Value:	\$53,853,733.00
Option Year 3 – Option Year 5 Dates:	10-01-2021 – 09-30-2024
Option Year 6 Value:	\$19,190,129.00
Option Year 6 Dates:	10-01-2024 – 09-30-2025
Option Year 7 Value:	\$22,750,713.25
Option Year 7 Dates:	10-01-2025 – 09-30-2026

Purpose of the Contract:

DC Water requires the services of a competent and qualified firm to fulfill DC Water's on-going need for retail electricity services and the generation of electricity and transmission of electricity. This contract provides the Departments of Wastewater Treatment Operations and Water and Sewer Operations with electricity services and purchased electrical generation capacity. This contract provides DC Water access to the Pennsylvania-New Jersey-Maryland (PJM) wholesale competitive electric market to fulfill the electric energy needs for DC Water's seven (7) major metered locations in the District of Columbia. The one-year extension will enable DC Water to prepare and release a solicitation, and award a new contract during the first half of fiscal year 2026.

Contract Scope:

The contract scope includes providing electric energy market information and advice to DC Water, purchasing of electric energy and PJM ancillary services associated with the electric energy supply for the seven main DC Water designated accounts. The service provider solicits bids for and purchases blocks of capacity and energy from the PJM wholesale market at DC Water's direction. The cost of such block purchases is passed through to DC Water at the Electricity Supplier's actual cost. 85% of the services on this contract are associated with the Department of Wastewater Treatment Operations and 15% with the Department of Water and Sewer Operations.

Spending Previous Years:

Cumulative Contract Value:	03-12-2014 to 09-30-2025: \$164,418,862.00
Cumulative Contract Spending:	03-12-2014 to 06-01-2025: \$157,504,333.89

Contractor's Past Performance:

According to the COTR, the Contractor's quality of service, timeliness of deliverables, conformance to DC Water's policies, procedures and contract terms, and invoicing, all meet expectations and requirements.

PROCUREMENT INFORMATION

Contract Type:	Goods & Services	Award Based On:	Highest Ranked Offeror
Commodity:	Electricity Services	Contract Number:	10240
Contractor Market:	Energy Services		

BUDGET INFORMATION

Funding:	Operating	Department:	Wastewater Treatment Operations
Service Area:	Blue Plains	Department Head:	Nicholas Passarelli

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	43.27%	\$8,367,598.58
Washington Suburban Sanitary Commission	41.18%	\$7,963,432.16
Fairfax County	10.02%	\$1,937,678.25
Loudoun Water	4.81%	\$930,162.91
Other (PI)	0.72%	\$139,234.37
TOTAL ESTIMATED DOLLAR AMOUNT	100%	\$19,338,106.26

BUDGET INFORMATION

Funding:	Operating	Department:	Water and Sewer Operations
Service Area:	DC Water Pump Stations (Anacostia, Eastside, Potomac, Bryant St., Main and O Street)	Department Head:	Chris Collier

ESTIMATED user share information

User - Operating	Share %	Dollar Amount
District of Columbia	68.06%	\$2,322,620.32
Washington Suburban Sanitary Commission	16.06%	\$548,064.68
Fairfax County	9.16%	\$312,594.80
Loudoun Water	5.75%	\$196,224.90
Other (PI)	0.97%	\$33,102.29
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$3,412,606.99

Jeffrey F. Thompson / 6/10/2025
 Jeffrey F. Thompson Date
 Chief Operating Officer and EVP

Korey Gray / 6/11/2025
 Korey R. Gray Date
 VP Compliance and
 Chief Procurement Officer

Matthew T. Brown / 6/11/2025
 Matthew T. Brown Date
 CFO and EVP of Finance, Procurement and
 Compliance

David L. Gadis / _____
 David L. Gadis Date
 CEO and General Manager

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT NEW AWARD

TRIMBLE UNITY ENTERPRISE APPLICATION

(Joint Use Indirect)

Approval to award a base year and four option year license agreement for Trimble Unity Asset Lifecycle Management product suite in the amount of \$3,983,903.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Trimble Inc. 10368 Westmoor Dr Westminster, CO 80021	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Year Contract Value:	\$656,800.00
Base Year Contract Dates:	07-01-2025—06-30-2026
No. of Option Years in Contract:	4
Total Option Years 2-5 Value:	\$3,327,103.00
Option Years 2-5 Dates:	07-01-2026—06-30-2030

Purpose of the Contract:

This contract is for Trimble's Unity Asset Lifecycle Management product suite, which operates as a SaaS platform. The platform contains modules (Unity Maintain, Unity Permits and Unity Construct) supporting Asset Management, Permitting and Project scheduling. The Trimble Unity platform is designed for the needs of utilities and supports both linear and vertical assets. It provides native functionality, leverages ArcGIS for easy access to assets in the field, and is focused on front line workers as primary user / customer, providing easy data collection and improved data accuracy. Trimble Unity Maintain will replace IBM Maximo, whose end of life is September 30, 2026, for the maintenance of assets and infrastructure and Materials Management for equipment and spare parts related to those assets. Other Trimble Unity modules are expected to replace existing DC Water tools over time.

Contract Scope:

The Trimble Unity Elite platform will provide an enterprise-wide integrated application to manage DC Water's assets and major operations-related business functions.

Background:

The Trimble Unity platform was included as part of Contract No. DCFA 541, Water Program Management Consultant, awarded to the Water Smart Alliance effective July 8, 2024. DC Water Procurement subsequently determined that the platform's licenses should be procured directly by DC Water. DC Water Procurement has analyzed and confirmed that the implementation of the Trimble Unity platform is in the best interests of DC Water and has negotiated pricing and terms.

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	Award Based On:	Highest Rating
Commodity:	SaaS Agreement	Contract Number:	10516
Contractor Market:	Asset Management Software Providers		

BUDGET INFORMATION

Funding:	Capital Equipment	Department:	Operations
Project Area:	DC Water Wide	Department Head:	Jeffrey Thompson

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	66.78%	\$2,660,450.42
Washington Suburban Sanitary Commission	24.12%	\$960,917.40
Fairfax County	5.87%	\$233,855.11
Loudoun Water	2.82%	\$112,346.07
Potomac Interceptor	0.41%	\$16,334.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$3,983,903.00

Signed by:

 5/13/2025

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 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP

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 5/13/2025

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 Korey Gray Date
 VP Compliance and Chief Procurement Officer

DocuSigned by:

 5/13/2025

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 Matthew T. Brown Date
 CFO and Executive Vice-President of
 Finance, Procurement and Compliance

 David L. Gadis Date
 CEO and General Manager

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

ENGINEERING SERVICES-AMENDED FACT SHEET:

Engineering Program Management Consultant 2G (Joint Use)

This revised fact sheet reflects an update to the User Share for the implementation of the Trimble Unity Maintain Asset Management System. All other elements of the June 6, 2024, Board approval remain unchanged. The approval remains for the execution of an architectural and engineering services contract not to exceed \$43,000,000 for a contract period of three years, plus two renewal periods of one year each. The renewal periods will be approved at DC Water's sole discretion, pending acceptable performance.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Water Smart Alliance (an AtkinsRealis-Stantec Partnership)	Total DBE Participation	30.0%
AtkinsRealis USA, Inc. 3901 Calverton Boulevard Suite 400 Calverton, MD 20705	Total WBE Participation	10.0%
Stantec Consulting Services, Inc. 1299 Pennsylvania Ave, NW Suite 405 Washington, DC 20004	See Attachment A for list of DBE/WBE participants.	

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$43,000,000
 Contract Time: 1825 Days (5 Years, 0 Months)
 Option Years: 2
 Anticipated Contract Start Date: 07-01-2024
 Anticipated Contract Completion Date: 06-30-2029
 Other firms submitting proposals/qualification statements:

Mott MacDonald I&E, LLC
 Hazen & Sawyer, PC*
 Ramboll Engineering, P.C.

* Asterisk indicates short listed firms.

Purpose of the Contract:

Provide program management, owners agent and construction management services required for the planning and executing the Capital Improvement Program (CIP) and non-CIP tasks; provide design services, staff augmentation, and operations support in the Water Service Area and serve as owner's agent for collaborative project delivery.

Contract Scope:

Scope includes:

- Provide general program management functions.
- Assist DC Water in the collaborative delivery of the capital improvement program.
- Provide engineering services including:
 - Design and design reviews,
 - Water hydraulic model,
 - GIS support, and
 - Other as directed.
- Conduct condition assessment of large diameter Water Mains.

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- Serve as Owner's Agent for all new collaborative delivery projects executed in the Water Service Area.
- Provide Construction Management Services.
- Augment DC Water staff with experienced & qualified technical resources, project managers and construction managers.
- Support operational departments
 - Provide technical expertise pertaining to existing or proposed assets and facilities.
 - Provide technical support for development of SOPs, Job Plans, O&M Manuals and other guidance documents.
- Implementation of Trimble Unity Maintain asset management system.

PROCUREMENT INFORMATION

Contract Type:	Lump Sum & Cost-Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Design Services	Contract Number:	DCFA #541-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water	Department Head:	William Elledge
Project:	KV, LB, FT		

ESTIMATED USER SHARE INFORMATION**Engineering Program Management Consultant 2G (Non-Joint Use)**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 39,500,000.00
Total Estimated Dollar Amount	100.00%	\$ 39,500,000.00

BUDGET INFORMATION

Funding:	Capital Equipment	Department:	COO Central Administration
Service Area:	N/A	Department Head:	Salil Kharkar
Project:	Capital Equipment		

ESTIMATED USER SHARE INFORMATION**Engineering Program Management Consultant 2G (Joint Use)****Trimble Unity Maintain (Cityworks) Implementation**

User	Share %	Dollar Amount
District of Columbia	66.78%	\$ 2,337,300.00
Washington Suburban Sanitary Commission	24.12%	\$ 844,200.00
Fairfax County	5.87%	\$ 205,450.00
Loudoun County & Potomac Interceptor	3.23%	\$ 113,050.00
Total Estimated Dollar Amount	100.00%	\$ 3,500,000.00

Combined Allocation

User	Share %	Dollar Amount
District of Columbia	97.30%	\$ 41,837,300.00
Washington Suburban Sanitary Commission	1.96%	\$ 844,200.00
Fairfax County	0.48%	\$ 205,450.00
Loudoun County & Potomac Interceptor	0.26%	\$ 113,050.00
Total Estimated Dollar Amount	100.00%	\$ 43,000,000.00

Signed by: Jeffrey F. Thompson Date _____
 Jeffrey F. Thompson
 Chief Operating Officer and EVP

DocuSigned by: Korey R. Gray Date _____
 Korey R. Gray
 Vice President of Compliance and Chief Procurement Officer

DocuSigned by: Matthew T. Brown Date _____
 Matthew T. Brown
 Chief Financial Officer and EVP
 Finance, Procurement and Compliance

_____/_____
 David L. Gadis
 Chief Executive Officer and General Manager

ENGINEERING PROGRAM MANAGEMENT CONSULTANT 2G

ATTACHMENT A – SUBCONTRACTOR LISTING

PARTICIPATION AMOUNT

DCFA-541 Water Smart Alliance (an AtkinsRealis-Stantec Partnership)	FOXXSTEM DC LLC Washington, DC	DBE	5.0%
	Millhouse Engineering and Construction, Inc. Chicago, IL	DBE	5.0%
	DM Enterprises of Baltimore, LLC Baltimore, MD	DBE	3.0%
	SZ PM Consultants, Inc. Washington, DC	DBE	3.0%
	C.C.Johnson & Malhotra, P.C. Rockville, MD	DBE	2.0%
	Delon Hampton & Associates Washington, DC	DBE	2.0%
	Engineering Design Technologies Glen Burnie, MD	DBE	2.0%
	EPC Consultants, Inc. San Francisco, CA	DBE	2.0%
	River to Tap, Inc.(R2T) Philadelphia, PA	DBE	2.0%
	Tejy, Inc. Rockville, MD	DBE	2.0%
	Wave Civil LLC Alexandria, VA	DBE	2.0%
	Aseedo Consulting, LLC Laurel, MD	WBE	5.0%
	Blue Cypress Consulting, LLC Decatur, GA	WBE	3.0%
	Ecotech Hydro Excavation Quarryville, PA	WBE	2.0%
Total DBE Participation = 30% Total WBE Participation = 10%			

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

CONSTRUCTION CONTRACT:

Linear Water & Sewer Rehabilitation Program Master Services Agreement (MSA) (Joint Use)

Approval to execute Four Master Service Agreements (MSAs) with the selected Qualified Contractors under the task order-based Linear Water & Sewer Master Service Agreement. The total program budget shall not exceed \$190,000,000.00 over a five-year contract period, with two optional one-year renewal periods. Renewal periods will be granted at the sole discretion of DC Water, contingent upon satisfactory contractor performance.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: See Attachment A for list of PRIME Qualified Contractor Participation.	SUBS: Subs will be identified for each task order awarded. *	PARTICIPATION: Participation will be established for each task order awarded. *
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* Four firms were qualified to participate in this Linear Water & Sewer Master Service Agreement. Each of the four demonstrated a history of successfully meeting established goals for DBE/ WBE utilization. Additionally, the qualified firms agreed to work with DC Water to actively engage the certified business community and meet/exceed DC Water's utilization goals established for each task order they are awarded.

DESCRIPTION AND PURPOSE

Not-To-Exceed Program Value:	\$190,000,000.00
Contract Time:	1825 Days (5 Years, 0 Months)
No. of Option Years in Contract:	2
Anticipated Contract Start Date (NTP):	08-14-2025
Anticipated Contract Completion Date:	08-13-2030
Bid Opening Date:	03-24-2025
Bids Received:	8
Aecon Capital Joint Venture	SAK CONSTRUCTION, LLC**
ANCHOR CONSTRUCTION CO INC**	SPINIELLO COMPANIES**
Fer-Pal Construction USA LLC	Structural Preservation Systems, LLC**
Inliner Solutions	United Construction Services, LLC

** Indicates recommended for award of linear Water & Sewer Rehabilitation Program Master Services Agreement (MSA).

Purpose of the Contract:

The Linear Water & Sewer Master Service Agreement was solicited to qualify contractors with Water and Sewer Rehabilitation experience and to establish task order-based construction agreements to address water mains and local sewers that have experienced failures, have a history of low water pressure, or have water quality issues. DC Water's intends to improve the agility and flexibility of its Water & Sewer Master Service Agreement by implementing the following fundamental changes to address current supply chain risks.

- Qualification process to identify and engage a pool of multiple contractors who have the capacity, capability and experience needed to successfully complete a water and sewer rehabilitation project.
- To support efficient delivery of Water and Sewer linear projects, this contract will enable early engagement with suppliers during the project planning phase. This early coordination will support materials planning, constructability reviews, and risk mitigation. Under the MSAs, five prequalified firms—each with distinct skill sets—will be assigned task orders through a streamlined process.

Task orders will be awarded based on each firm's capabilities and staff availability, with a target of issuing awards and Notices to Proceed (NTP) within 30 days of bid close, significantly reducing lead times.

Contract Scope:

- Large diameter water pipeline replacement
- Water pipeline rehabilitation
- Water service line replacement
- Valve and hydrant replacement
- Sewer pipeline rehabilitation
- Sewer service line replacement
- New manhole construction/Manhole replacement
- MS4 Outfall Rehabilitation
- Curb stop / curb stop box, meter box and penetration through building wall and connection to first fitting inside the building including installation of a shut-off valve and pressure reducing valve replacement
- Provide permanent pavement and surface restoration
- Urgent and Emergency response

Federal Grant Status:

- Construction contract is funded in part by Bipartisan Infrastructure Law (BIL) grant.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	250100
Contractor Market:	Open Market		

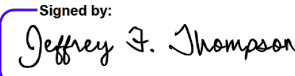
BUDGET INFORMATION

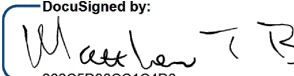
Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water & Sewer	Department Head:	Ryu Suzuki
Project:	A4, BO, F6, G7, GY, IE, IH, IM, IN, JZ, QS, QT, QU, RJ, WV		

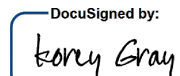
*****ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	96.72%	\$183,761,553.00
Federal Funds	3.28%	\$ 6,238,447.00
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$190,000,000.00

***Work under this contract will be assigned as needed under specific task orders. As tasks are developed for work associated with Water and Sewer linear projects and costs are developed, the individual users will be notified and billed according to agreed cost-sharing.

Signed by:

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 Jeffrey F. Thompson / Date
 Chief Operating Officer and EVP

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 Matthew T. Brown / Date
 Chief Financial Officer and EVP
 Finance, Procurement and Compliance

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 Korey R. Gray / Date
 Vice President of Compliance
 and Chief Procurement Officer

/ Date
 David L. Gadis / Date
 Chief Executive Officer and General Manager

CONSTRUCTION CONTRACT: 250100
Linear Water & Sewer Master Service Agreement
(Joint Use)

Attachment A
Qualified Contractors

Anchor Construction Co Inc.
2254 25th Place NE
Washington, DC 20018

SAK Construction, LLC
864 Hoff Road
O'fallon, MO 63366

Spiniello Companies
6301 Ivy Lane, Suite 620
Greenbelt, MD 20770

Structural Preservation systems, LLC
6955 San Tomas Road
Elkridge, MD 21075

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

**CONSTRUCTION MANAGER AT RISK (CMAR) – EARLY WORK PACKAGE (EWP)
AMENDMENT NO. 1:**

**Division RC-T – Piney Branch Tunnel
(Non-Joint Use)**

Approval to execute Construction Manager at Risk (CMAR) Early Work Package (EWP) Amendment No. 1 for \$27,730,857.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS	PARTICIPATION*
Clark Construction Group 7900 Westpark Drive, Suite T300 McLean, VA 22102	DBE- See Attachment B WBE- See Attachment B	17.07% 4.19%

* Participation is based on eligible portions of work. See Attachment A for a list of excluded items.

DESCRIPTION AND PURPOSE

Preconstruction Services Contract Value:	\$971,412.00
Preconstruction Services Contract Time:	334 Days (11 Months)
Preconstruction Services Start Date (NTP):	11/12/2024
Construction Services, EWP Amendment No. 1 Value:	\$27,730,857.00
Construction Services, EWP Amendment No. 1 Time:	360 Days (11 Months, 26 Days)
Total Contract Value, including this Amendment:	\$28,702,269.00
Anticipated Construction Services, EWP Amendment No. 1 Start Date (NTP):	08-08-2025
Anticipated Construction Services, EWP Amendment No. 1 Completion Date:	08-03-2026

Purpose of the Contract:

- Construct preliminary works in advance of construction of Piney Branch Tunnel for DC Clean Rivers Project.
- This work is required by a Consent Decree.

Contract Scope:

- Construction of preliminary works on an accelerated schedule is necessary to meet the Consent Decree deadline.
- Preliminary works include temporary relocation of approximately 700 feet of Piney Branch Parkway to provide space for tunnel shaft, utilities to support construction, temporary construction offices, tree removal within timeframe limitations established by National Park Service to protect threatened species and design of temporary support of excavation for shaft and appurtenances.

Federal Grant Status:

- The construction contract may be funded in part by Congressional appropriations for CSO projects.

ROCUREMENT INFORMATION

Contract Type:	GMP/Lump Sum	Award Based On:	Best Value
Commodity:	Construction	Contract Number:	240040
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Clean Rivers
Service Area:	Combined Sewer Overflow	Department Head:	Jeff Peterson
Project:	DZ		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$27,730,857.00
Federal Funds**	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$27,730,857.00

**Subject to Federal appropriations. If Congressional appropriation is received, DC share will decrease.

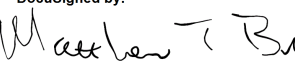
Signed by:

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 Jeffrey F. Thompson Date
 Chief Operating Officer and EVP

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 6/10/2025
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 Korey R. Gray Date
 Vice President of Compliance
 and Chief Procurement Officer

DocuSigned by:

 6/10/2025
 262C5D966C1C4B3...
 Matthew T. Brown Date
 Chief Financial Officer and EVP
 Finance, Procurement and Compliance

 David L. Gadis Date
 Chief Executive Officer and General Manager

**CMAR Contract 240040
Piney Branch Tunnel**

Subconsultant/Subcontractor DBE/WBE List and
Excluded Item Amounts from Fair Share Objectives
Early Work Package Amendment No. 1

Attachment A

The following table provides a summary of the major project items that are excluded from the D/WBE Fair Share Objectives at this time.

Description	Amount	Explanation
CMAR Contingency	\$ 1,103,000	Need for and scope of work unknown at this time. DC Water will coordinate with CMAR contractor to utilize DBE/WBE subcontractors if authorized and where applicable.
Project Contingency Allowance	\$ 2,100,000	
Community Impact Mitigation Allowance	\$ 275,000	
Safety Training Allowance	\$ 25,000	
Roadway Ground Improvement Allowance	\$ 1,500,000	
Bonds and Insurance	\$ 396,447	Fees paid directly to utility owner and permitting agency
Utility Agency Allowance, Permit Fee Allowance	\$ 280,000	
CMAR Fee	\$ 1,867,053	Excluded, prime contractor's fee
Total	\$ 7,546,500	

**CMAR Contract 240040
Piney Branch Tunnel**

Subconsultant/Subcontractor DBE/WBE List and
Excluded Item Amounts from Fair Share Objectives
Early Work Package Amendment No. 1

Attachment B

Subconsultants/Subcontractors	Certification	Participation
Atlantic Sweeping and Cleaning Inc	DBE	0.26%
E&F Landscaping, LLC	DBE	0.10%
Clarence Butts Photography	DBE	0.19%
Argos Cleaning Services, Inc.	DBE	0.15%
Capitol Development Design Inc	DBE	0.46%
Empire Landscape LLC	DBE	4.49%
Stokes Plans and Permitting, LLC	DBE	1.11%
Global Geotechnical Consultants	DBE	0.19%
Bulldog Distribution Trucking, LLC	DBE	0.24%
Peer Consultants	DBE	1.77%
Temporary City General, Inc.	DBE	7.53%
Apex Petroleum Corporation	DBE	0.58%
	Subtotal DBE	17.07%
Premier Security Services Inc	WBE	1.10%
Sunrise Safety Services, Inc.	WBE	2.63%
Road Safety LLC	WBE	0.34%
Tina Boyd and Associates	WBE	0.12%
	Subtotal WBE	4.19%

The CMAR will continue to pursue opportunities to meet or exceed the DBE/WBE Fair Share Objectives as the project is further defined and construction needs are identified. The CMAR will partner with DC Water to identify protected class firms who are eligible and interested in participating in the program for specific portions of the work. Together, we will endeavor to achieve the DBE and WBE objectives for the program.

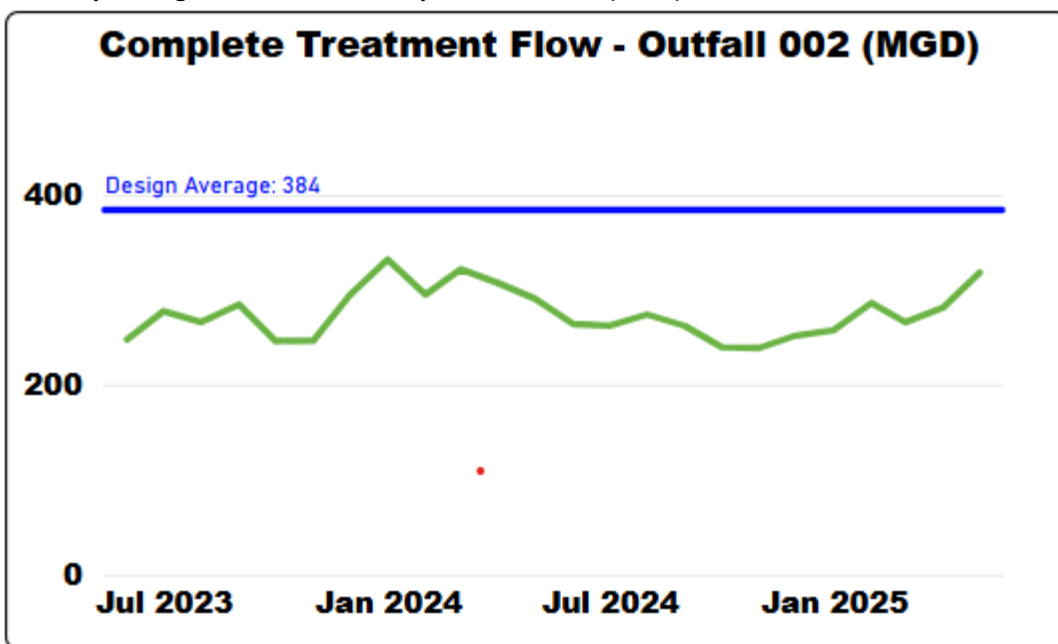


District of Columbia Water and Sewer Authority Board of Directors

Meeting of the Environmental Quality and Operations Committee – Executive Summary June 18, 2025 / 9:30am

May 2025 Blue Plains Wastewater Treatment Plant Performance

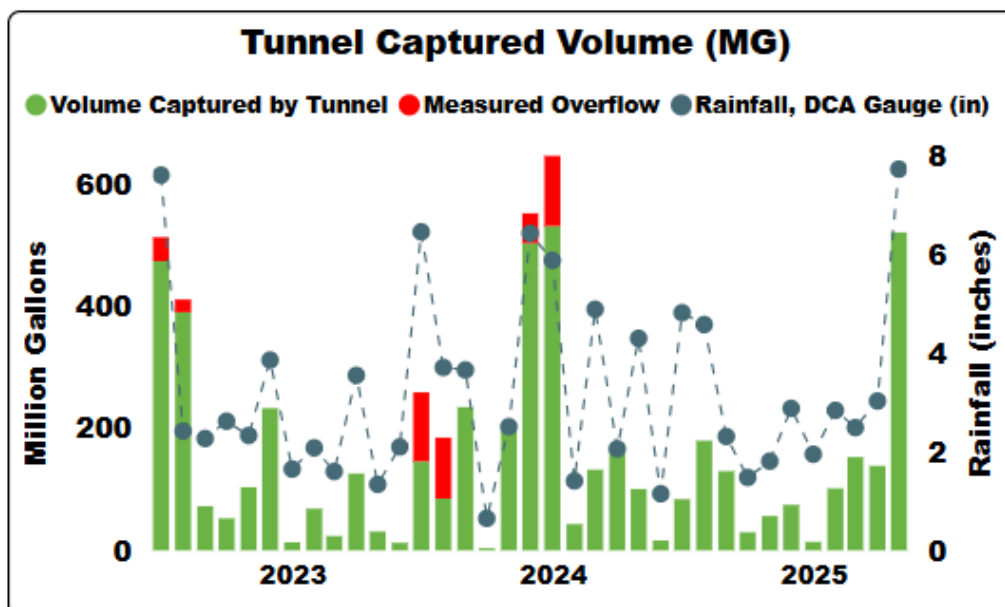
Monthly Average Flow Trend to Complete Treatment (MGD)



- All weekly and monthly NPDES permit requirements were met
- Average Outfall 002 flow for May 2025: 318 MGD
- Peak Day flow for May 15th at 506 MGD

Anacostia River Tunnel System

Monthly Performance July 2022 – May 2025



* - CSO 019 diversion to tunnel was out of service July 5 - Aug 29, 2023, for commissioning of Northeast Boundary Tunnel, causing temporary increase in overflows. Necessary for safety of workers in tunnel. EPA/DOEE advised in advance.

**Total Annual System Performance
from Start-Up (2018-2024)**

	Anacostia River Tunnel System
Number of events	350
Volume Captured, MG	17,775
Volume to CSO, MG	1,653
Percent Captured, %	91.5

Note: Total System includes Anacostia, Potomac, and Rock Creek

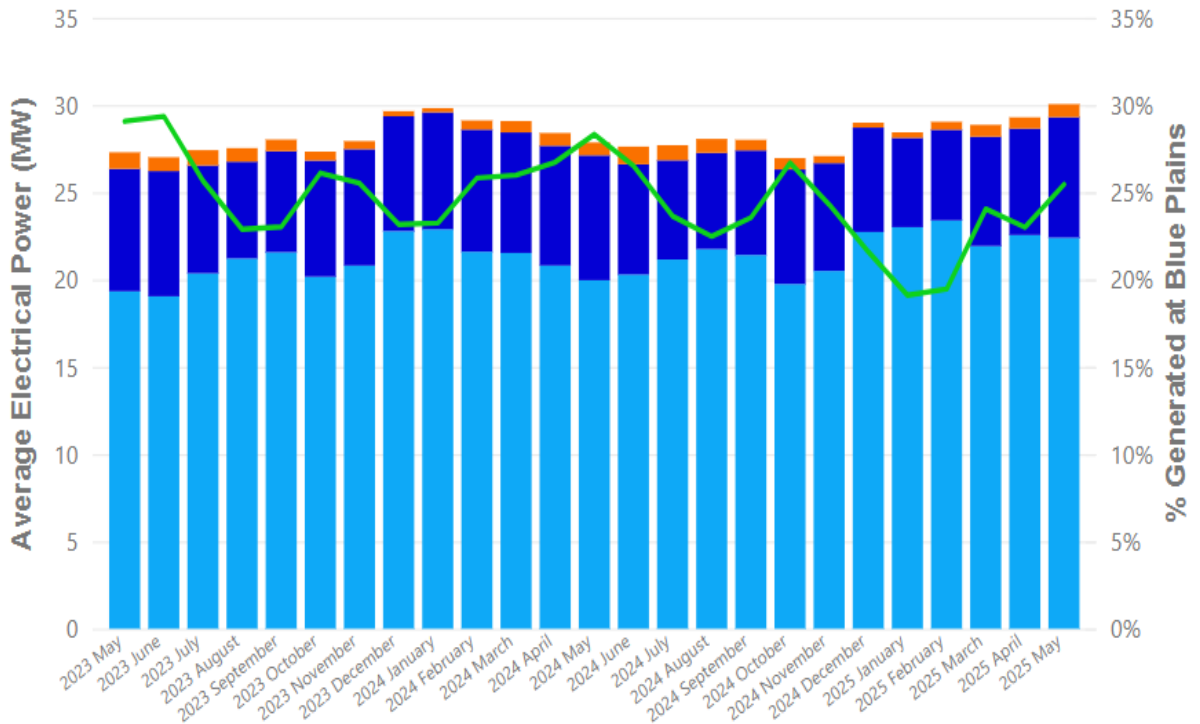
MG ~ Million Gallons

CSO~ Combined Sewer Overflow

- 1546 MG of volume captured by Anacostia River Tunnel System in Calendar Year 2024, with 115 MG overflow

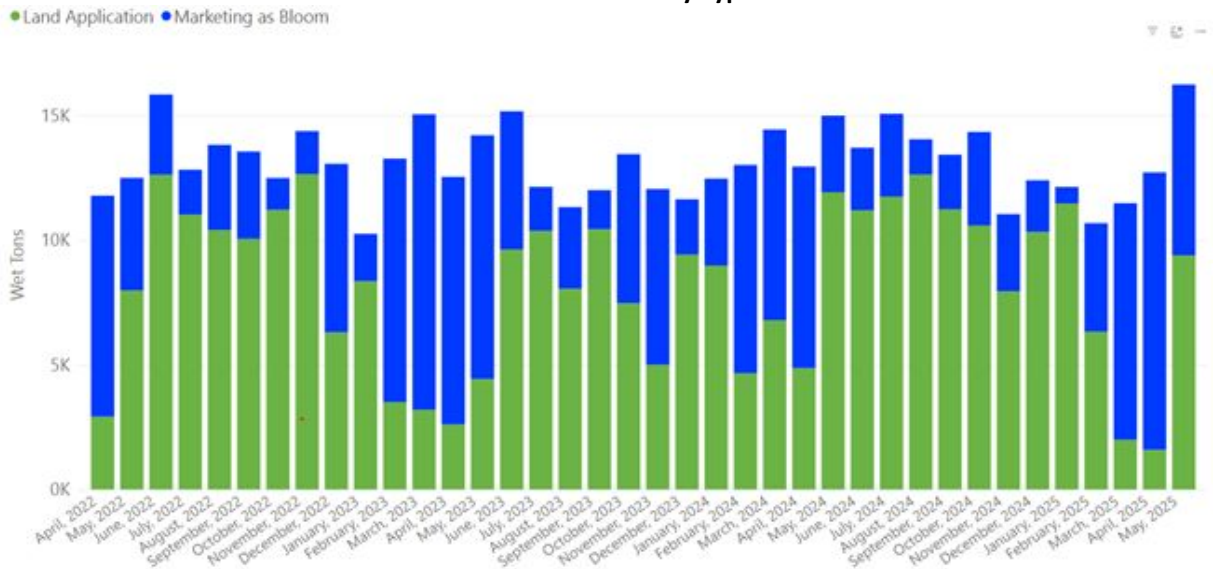
Blue Plains Electrical Energy Use and Generation

● Purchased from Power Grid ● CHP Onsite Generation ● Solar Onsite Generation ● % Generated at Blue Plains



Note: Total Purchase Power Savings based on actual grid power invoicing to DC Water and power produced on site at CHP & Solar Panels.

- 25% of electricity was generated onsite
- Combined Heat and Power (CHP) facility produced an average of 8.4 megawatts (MW), with 6.9 MW net to Blue Plains grid
- Solar System produced an additional 0.75 MW of power on average
- Total electricity consumption at Blue Plains averaged 30.1 MW
- DC Water purchased an average of 22.4 MW of electricity from PEPCO
- Total Purchased Power Savings FY2025 (thru Jan): \$2,033,600

Total Production of Class A Biosolids and Beneficial Reuse by Type

- In May, Blue Drop sold approximately 6,847 tons of Bloom; for a total of 41,361 tons towards the FY25 goal of 70,000 tons.
- Blue Plains Produced 16,234 tons of biosolids for the month with the remaining 9,388 tons managed through land application contracts.



District of Columbia Water and Sewer Authority Board of Directors

Meeting of the Environmental Quality and Operations Committee – Executive Summary June 18, 2025

Fire Hydrants Update

Status Report of Public Fire Hydrants for DC Water Services Committee - June 2, 2025

	March Cmte. Report (March 5, 2025)	April Cmte. Report (April 5, 2025)	May Cmte. Report (May 2, 2025)	June Cmte. Report (June 2, 2025)
Public Fire Hydrants:	9,838	9,845	9,842	9,839
In Service:	9,784	9,796	9,794	9,796
Marked Out-of-Service (OOS)	54	49	48	43
OOS - defective requiring repair/replacement	16	12	15	14
% OOS requiring repair or replacement (DC Water goal is 1% or less OOS)	0.16%	0.12%	0.15%	0.14%
OOS - due to inaccessibility or temp construction work	38	37	33	29

Note: The number of public hydrants in the DC Water system fluctuates; this number fluctuates as hydrants are added and removed during development or construction activities as well as at the request of the Fire Dept.

Breakdown of Public Fire Hydrants Out-of-Service (OOS) as of June 2, 2025 **43**

Breakdown of Defective

	0-7 Days	8-14 Days	15-30 Days	31-60 Days	61-90 Days	91-120 Days	> 120 Days	Total
Hydrant Needs Repair/Investigation	0	0	0	0	0	0	0	0
Needs Valve Investigation for Low Flow/Pressure or Shut Test for Replacement	0	0	0	0	0	0	0	0
Needs Replacement	0	0	0	2**	1**	0	11**	14

Defective

14

Breakdown of Others

	0-7 Days	8-14 Days	15-30 Days	31-60 Days	61-90 Days	91-120 Days	> 120 Days	Total
Temporarily OOS as part of operations such as a main repair	2	0	0	0	0	0	0	2
Construction* - OOS	0	0	0	0	1	2	24	27
Obstructed Hydrant – OOS hydrant due to operation impeded by an obstruction.	0	0	0	0	0	0	0	0

Others

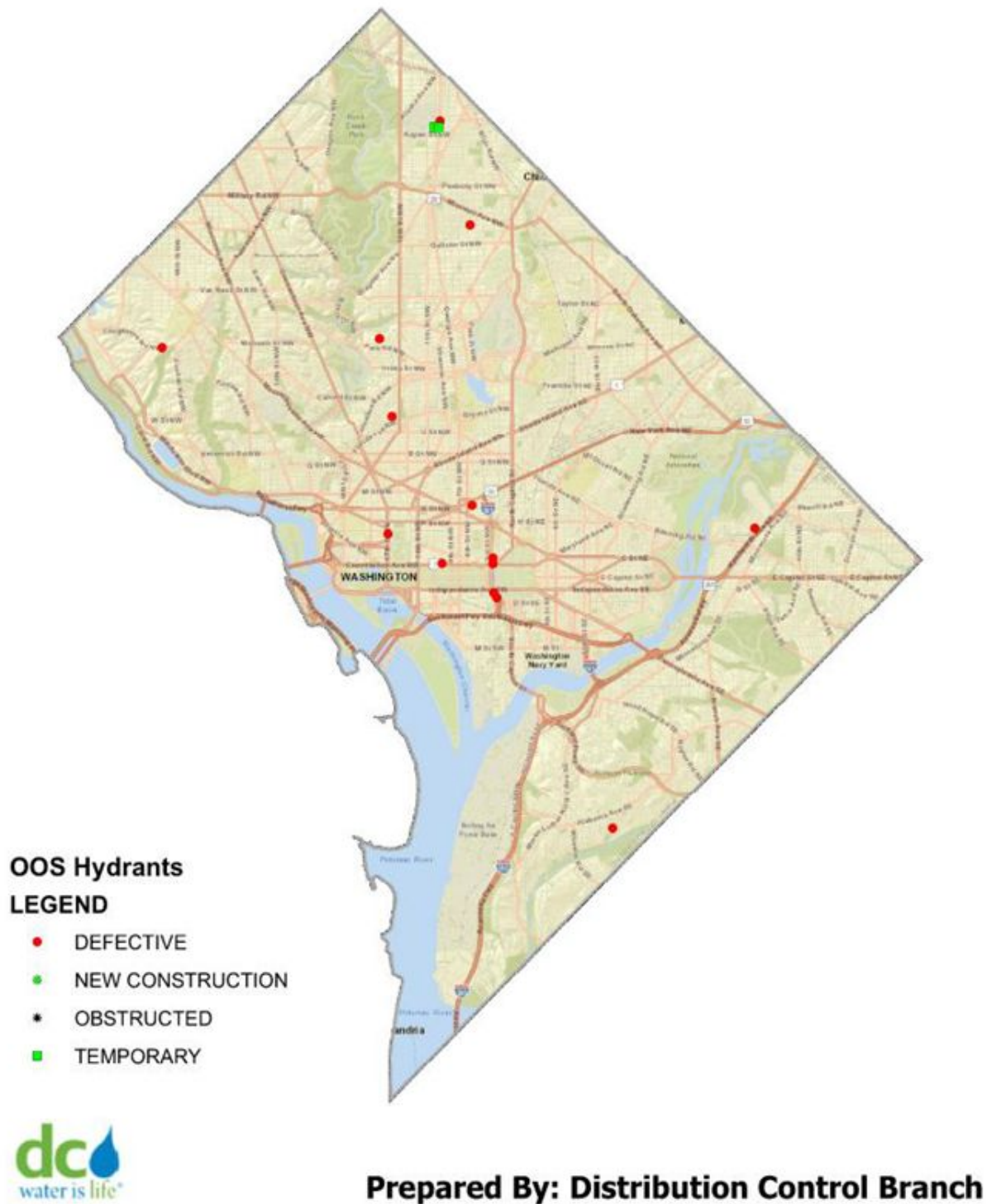
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*Fire hydrants not accessible due to construction activities. Also includes new hydrants which have not yet been commissioned or old hydrants which will be abandoned as part of ongoing construction projects.

**Fire hydrants pending replacements are due to constraints outside of our control at this time. Constraints include construction, critical customer impact, large isolation, and critical infrastructure impact.

Map of Public Out-of-Service Hydrants

June 2, 2025



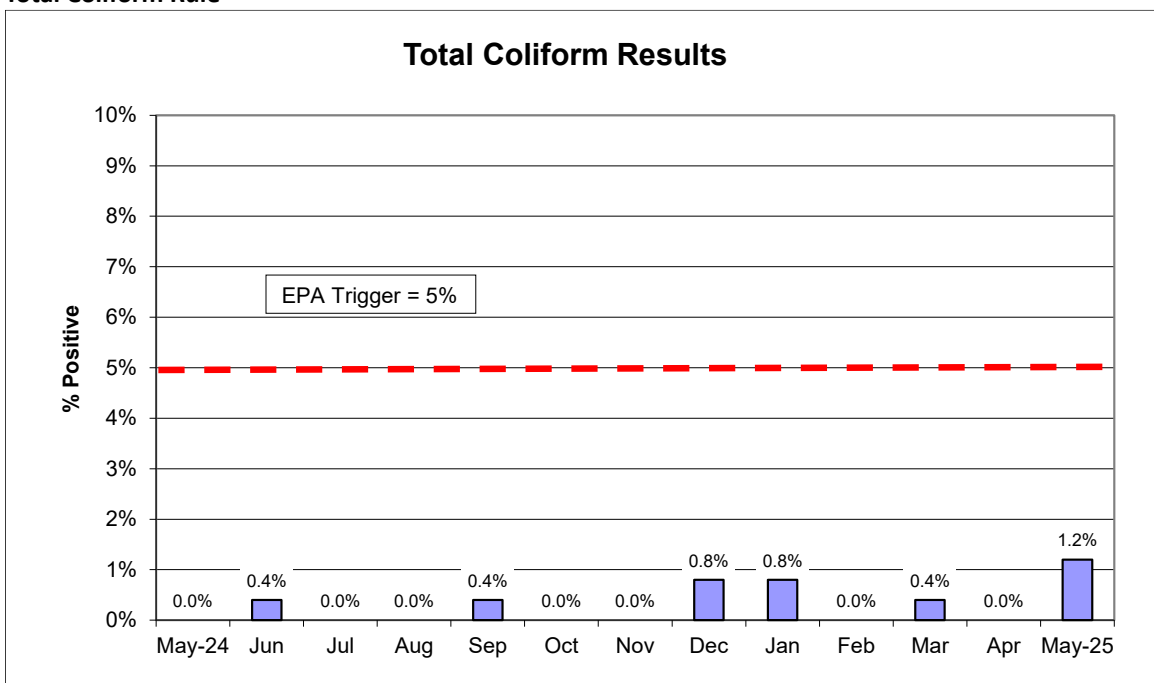


District of Columbia Water and Sewer Authority Board of Directors

Meeting of the Environmental Quality and Operations Committee – Executive Summary June 18, 2025

Water Quality Update

Total Coliform Rule



- DC Water collects at least 240 samples each month at over 50 government and commercial buildings

Lead and Copper Rule

January -June 2025	1 st Draw	2 nd Draw
Lead 90 th Percentile*, parts per billion (ppb)	1.1	2.6
Number of samples	95	93
Number of samples > 15 ppb	1	1

***EPA Action Level is >15 ppb of 1st draw 90th Percentile**

- 1st draw is a one-liter sample collected after minimum six hours of stagnation (no-water use period)
- 2nd draw is a one-liter sample collected after the 1st draw and filling and dumping three liters, resulting in between the 5th to 6th liter of water which is water that stagnated in the service line.