District of Columbia Water and Sewer Authority

Board of Directors

Environmental Quality and Operations Committee June 18, 2026 / 9:30 am

Microsoft Teams meeting
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1. **Call to Order** _____ Christopher Herrington, Chairperson
2. **Roll Call** _____ Debra Mathis, Acting Board Secretary
3. **May 2026 Blue Plains Wastewater Treatment Plant Performance** _____ Nicholas Passarelli
4. **Project Delivery Methods at DC Water** _____ William Elledge, Kevin Bellamy, Jamal Jones
5. **Maryland and Virginia Biosolids PFAS Legislation** _____ Chris Peot
6. **Potomac Interceptor Update** _____ Matthew Brown, Moussa Wone
7. **Emergency Sewer Main Contract No. 230050** _____ Chris Collier
8. **On Call Structural Rehabilitation Contract No. 250030** _____ Ryu Suzuki
9. **Headworks and Primary CMAR Portfolio – Amendment No. 1 Contract No. 250040** _____ Ryu Suzuki
10. **Action Items** _____ Moussa Wone, John Papajohn

Joint Use

a. **Contract No. 230050 – Emergency Sewer Main IR&R Contract for FY24-FY27 – Anchor Construction Corporation**
b. **Contract No. 250030 – On Call Structural Rehabilitation – Structural Preservation Systems, Inc.**
c. **Contract No. 250040 – Headworks and Primary Upgrades CMAR Portfolio – Ulliman Schutte Construction**

d. **Contract No. 19-PR-DET-22 – Capital Project Contract Management Software – Oracle America, Inc.**

Non-Joint Use

e. **Contract No. 260060 – Water Infrastructure Rehabilitation & Replacement Contract FY27-FY29 – Capitol Paving of DC Inc.**

f. **Participation in DDOT Project – DDOT I-695 Ramp D4 and 11th Street SE Improvements – District Department of Transportation (DDOT)**

11. Agenda for July 2026 Committee Meeting _____ Christopher Herrington

12. **Executive Session*** _____ Christopher Herrington

13. **Adjournment** _____ Christopher Herrington

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.

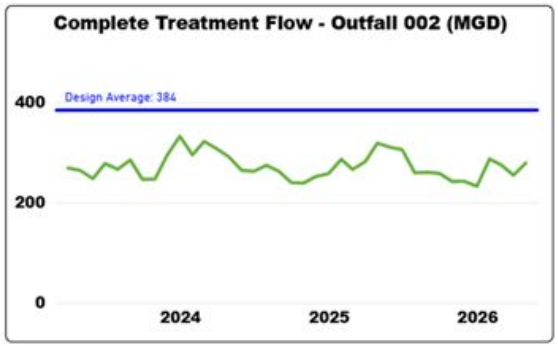
Blue Plains Wastewater Treatment Performance

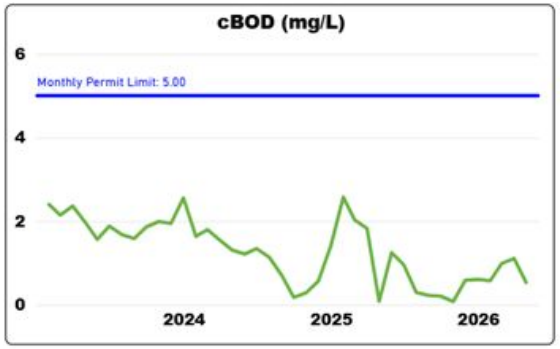
Nicholas Passarelli

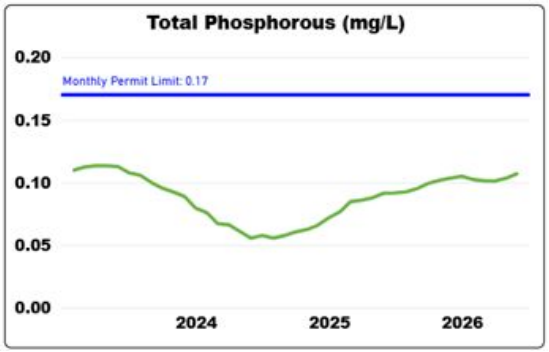
Vice-President | Wastewater Treatment Operations

Blue Plains Operational Performance, Flow and Permit Summery

Monthly Average Flow and Permit Parameter Trends







All weekly and monthly NPDES permit requirements were met

Average Outfall 002 flow for May 2026: 278 MGD

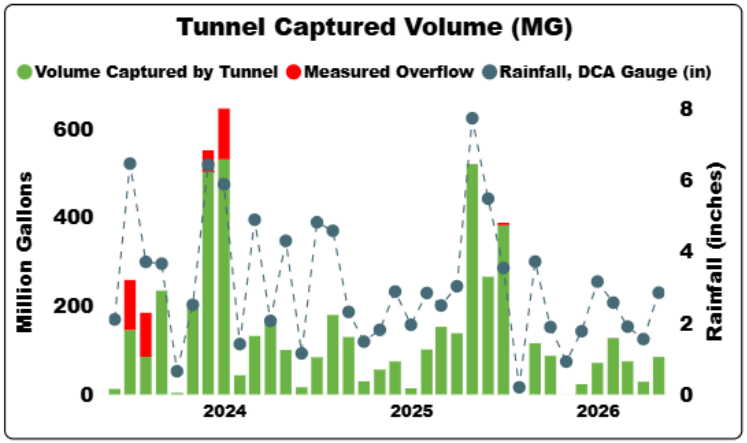
Peak Day flow: May 24th at 389 MGD

2

Blue Plains Operational Performance, Tunnel, Power & Biosolids Summary

Tunnel Systems and Wet Weather – May 2026

- 85 MG Captured in Tunnel with 0 overflows
- 2.85 inches of rain



Electrical Energy Use and Generation – May 2026

- 24% of electricity was generated onsite
- Combined Heat and Power (CHP) facility produced an average of 7.3 megawatts (MW)
- Solar System produced an additional 0.8 MW of power on average
- Total electricity consumption at Blue Plains averaged 28.1 MW with average of 21.3 MW purchased from PEPCO
- Total Purchased Power Savings for 1st half FY2026: $1,757,234

Class A Biosolids –May 2026

- Blue Drop sold approximately 2,945 tons of Bloom; for a total of 46,555 tons towards the FY26 goal of 62,000 tons.
- Blue Plains Produced 17,858 tons of biosolids for the month with the remaining 14,912 tons managed through land application contracts.

Project Delivery Methods at DC Water

William Elledge, PE, Assoc. DBIA
Director | Capital Water Program and Lead Free DC

Kevin Bellamy, Assoc DBIA
Director | Procurement Capital Programs

Jamal Jones
Manager | Contract Compliance and Business Development

Purpose

Discuss with the Committee how DC Water is using various project delivery methods (such as Collaborative Delivery) and when Board Actions are needed.

Agenda

Project Delivery Methods

Design Bid Build • Construction Manager at Risk • Progressive Design Build • Design Build

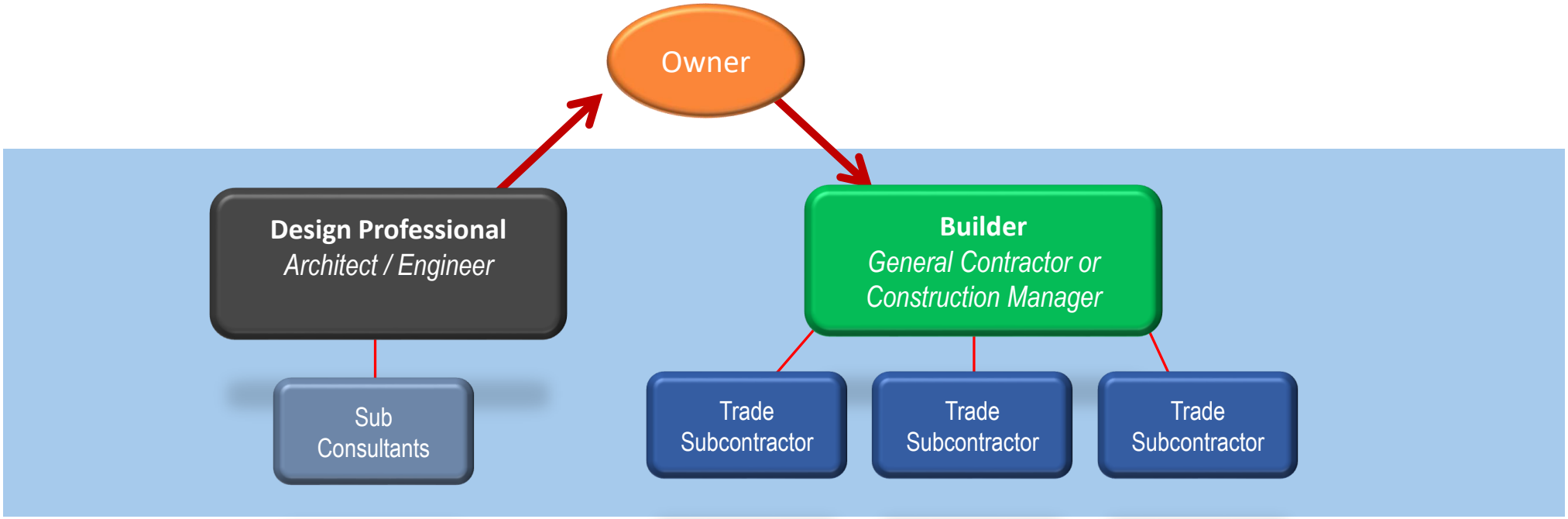
Board Engagement/Oversight with Delivery Models

Single Action Authorization vs. Iterative Milestone Approvals

Driving Community Value through Collaborative Delivery

Integrating Certified Business Utilization and Local Hiring into Collaborative Delivery projects

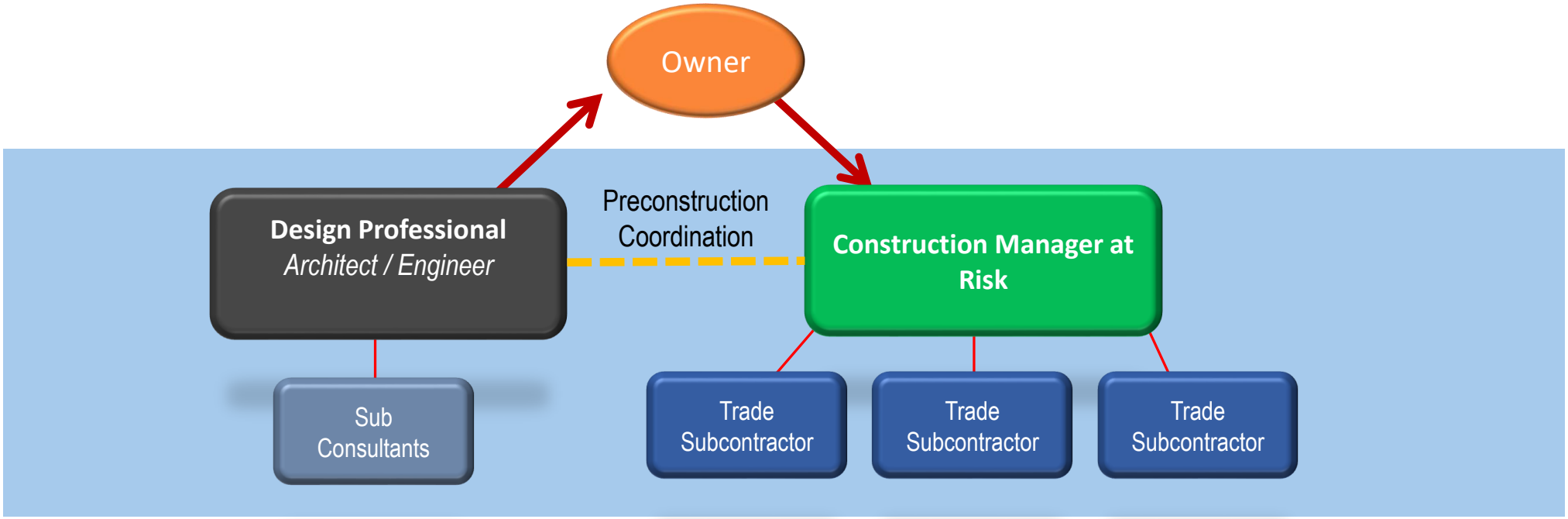
Design Bid Build



Items to consider

- Two contracts
- Design is mostly QBS and construction is mostly low bid
- Spearin liability gap (designer designs to Standard of Care; contractor constructs per plans / specs)
- Well established procedures
- Design and construction teams are segregated
- Contractor not available for input during design; can bring in CM/inspection team

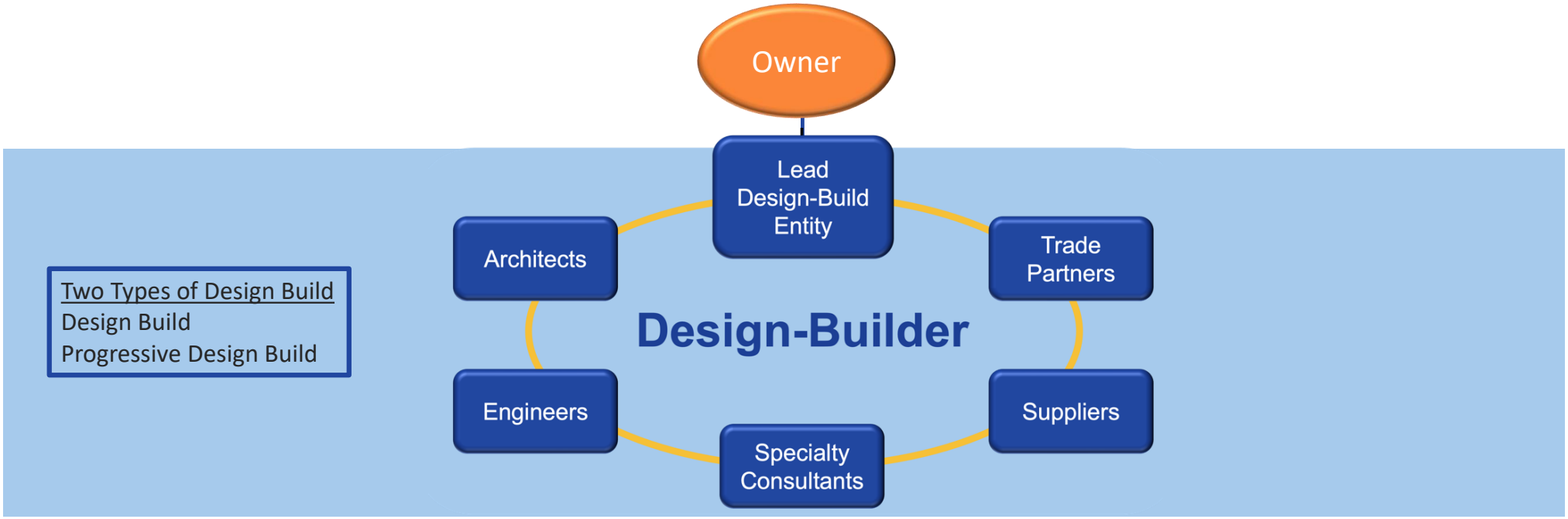
Construction Manager at Risk



Items to consider

- Two contracts
- Design and construction are generally QBS
- Spearin liability gap (designer designs to Standard of Care; contractor constructs per plans / specs)
- Price of construction can be open book
- Design and construction teams are segregated, but still get early contractor input
- May require offramp if agreeable price cannot be reached

Design Build & Progressive Design Build



Two Types of Design Build
Design Build
Progressive Design Build

Items to consider

- One contract
- Design and construction are generally best value/QBS
- Spearin Liability gap does not apply to Owner
- Price of construction can be open book
- Design and construction teams are integrated
- Industry terminology is inconsistent
- Progressive Design Build may require offramp if agreeable price cannot be reached

Guidelines when comparing delivery methods

Considerations may include following projects with following criteria

Method	Scope is detailed	Warrants Early price certainty	Warrants Schedule Compression	Warrants early contractor input	Has complex phasing, operational, or constructability	Warrants single point of accountability	Warrants more innovation	Owner wants contract with designer	Works well with permit or regulatory complexity
Design Bid Build (DBB)	+							+	+
Construction Manager at Risk		+		+	+		+	+	+
Design Build	+	+	+	+		+	+		
Progressive Design Build		+	+	+	+	+	+		

Information on this slide represents general guidelines, not hard and fast rules. Project constraints for specific projects frequently lead to varied suitability. Lessons learned will inform use of different delivery methods over time.

Collaborative Delivery: Board Engagement

Procurement Approach	Delivery Models	Board Approval Role
Traditional	• Invitation for Bid (IFB) • Request for Proposal (RFP)	**Discrete Gatekeeping** • Approves design completion. • Authorizes low-bid or best-value single award.
Collaborative	• Progressive Design-Build (PDB) • Construction Manager at Risk (CMAR)	**Phased Delivery/ Iterative Milestones** • Phase 1: Authorizes qualifications-based team selection. • Phase 2: Approves final Guaranteed Maximum Price (GMP).

Collaborative Delivery: Board Engagement

Phased Delivery

Instead of locking in a price on day one, phased delivery intentionally spaces out approvals to optimize results.

Early Collaboration

Contractor involvement from the start supports cost modeling & constructability

Proactive Cost Control

Continuous cost modeling to prevent overruns

Schedule Flexibility

Adjust, pivot, and optimize as the project evolves.

The board sees multiple actions because each phase requires distinct authorization — not because of complexity or rework.

Collaborative Delivery: Board Engagement

Initial Board / Delegation of Authority (DOA) Approval

- **For CMAR & PDB Projects:**
  - Board Approval sought for Phase 1 - Pre-Construction Services Award
- **For Design-Build Projects:**
  - Board Approval sought for Single award for Phase 1 (Design) and Phase 2 (Construction)
  - Establishes collaboration early to support cost modeling, constructability, and value engineering before final construction scope and pricing (Guaranteed Maximum Price, "GMP")

Additional Board Actions (Amendments) During the Project

- **Early Work Package (EWP) Amendments**
  - Requested when early work is time-critical *(site work, utilities, long-lead items)*
  - Identified construction phase activity proceeds before final construction scope and pricing is finalized
- **GMP Amendment Approval**
  - Major financial authorization for construction
  - Approves: Final design, full construction scope, and final contract value (GMP)
- **Change Orders**
  - Brought forward as required
  - Processed under standard DOA authority

Certified Firm Utilization

Ensuring Robust Participation Opportunities

Our procurement framework is designed to create robust participation opportunities for certified firms and local workforce participants, while advancing DC Water's strategic goals.

I. Optimizing Project Structures for Broad Participation

- **Strategic Sizing:** Projects are deliberately right-sized to broaden competition and expand certified firm participation.
- **Limited Self-Performance:** DC Water must approve any self-performed work to keep subcontracting open and competitive.
- **Targeted Goals:** Utilization and participation goals are set for Preconstruction, Early Work, and Construction phases.
- **Mentor-Protégé Program:** Fosters long-term capacity and growth for certified firms.

II: Ensuring Accountability & Transparency

- **The 3-Bid Rule**: Contractors must obtain ≥ 3 bids for packages exceeding $50,000.
- **Open-Book Evaluation**: Fully transparent review processes ensure complete fairness in all award decisions.
- **Strategic Alignment**: Procurement structures directly advance DC Water's core socioeconomic and workforce mandates.

Certified Firm Utilization

Ensuring Robust Participation Opportunities

III. Continuous Progress & Compliance Tracking

- **Rigorous Oversight:** Active tracking of subcontractor awards, progress

  payments, and workforce development.

- **Local Impact:** Continuous compliance checks secure local hiring and

  workforce training targets.

IV. Contractor Responsibilities:

- Contractors must:
  - Identify scopes suited for certified firms
  - Flag scopes that have market limitations
  - Document and report progress monthly

Local Hiring

DC Water Works: Local Hiring Initiative

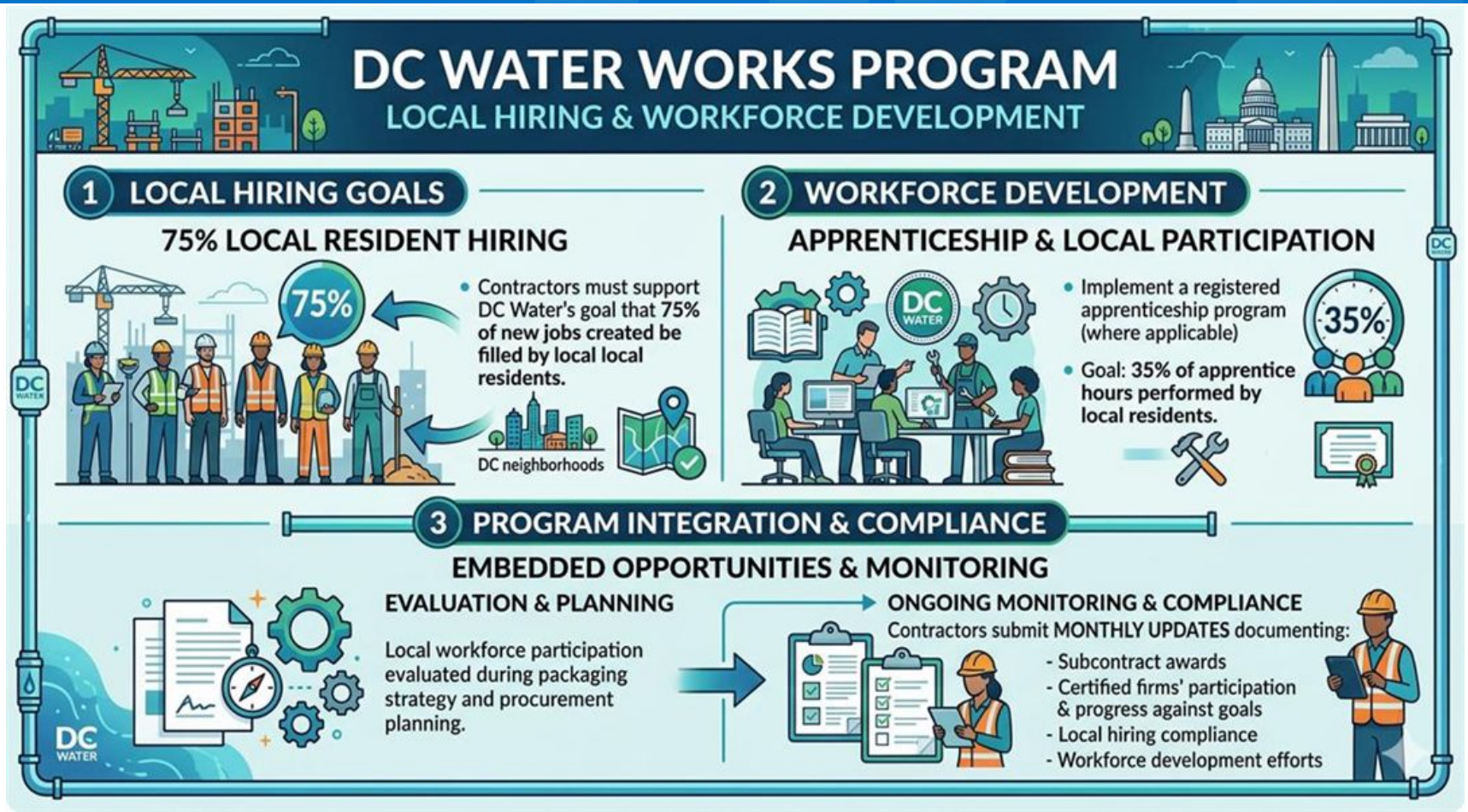
Strategic Workforce Goals

- **75% Local Hiring Goal:** 75% of new project jobs to go to local and District residents.
- **35% Local Apprenticeships**: Target requires 35% of all registered apprentice hours to be performed locally.
- **Upstream Integration**: Workforce opportunities are evaluated and embedded during initial procurement planning and through the life of the project.

Oversight & Compliance Framework

- **Monthly Board Accountability**: Contractors must submit comprehensive progress updates every 30 days.
- **Subcontractor Auditing**: Strict tracking of all subcontract awards and financial allocations.
- **Certified Firm Tracking**: Continuous measurement of certified firm participation against established goals.
- **Enforcement & Monitoring**: Active oversight of local hiring metrics and workforce development efforts.

Local Hiring



Maryland and Virginia Biosolids PFAS Legislation

Chris Peot

Director | DCW Resource Recovery

Purpose

The purpose of this presentation is to give an overview of the past two years of proactive legislative efforts by DC Water in the MD and VA biosolids PFAS discussions to ensure:

- we are protective of human health and the environment and
- we can manage our Bloom product in a fiscally responsible manner.

Background of 2025 MD Legislative Session

2025

January 27 – MD SB 732 introduced. proposing 1 ppb limit on PFOA/PFOS in biosolids in line with the just released draft risk assessment.

February 18 – SB 732 hearing. Testified alongside other utilities against the 1 ppb limit for PFOA/PFOS suggested in the bill. WSSC shares that they are being told by MDE and bill sponsor the 1 ppb limit is non-negotiable.

February 26 – HB 909 hearing. James Fotouhi testifies against bill in House Committee hearing.

March 19 – DC Water meets with Senator Hester. Productive meeting with the Senator who appears receptive to the utilities concern with the amended bill as drafted.

SB 732

March 21 – Senate EEE committee hearing on amended bill. Senate opts not to vote due to lack of utility voice and tables the bill until senators have met with utilities and understand the full impact.

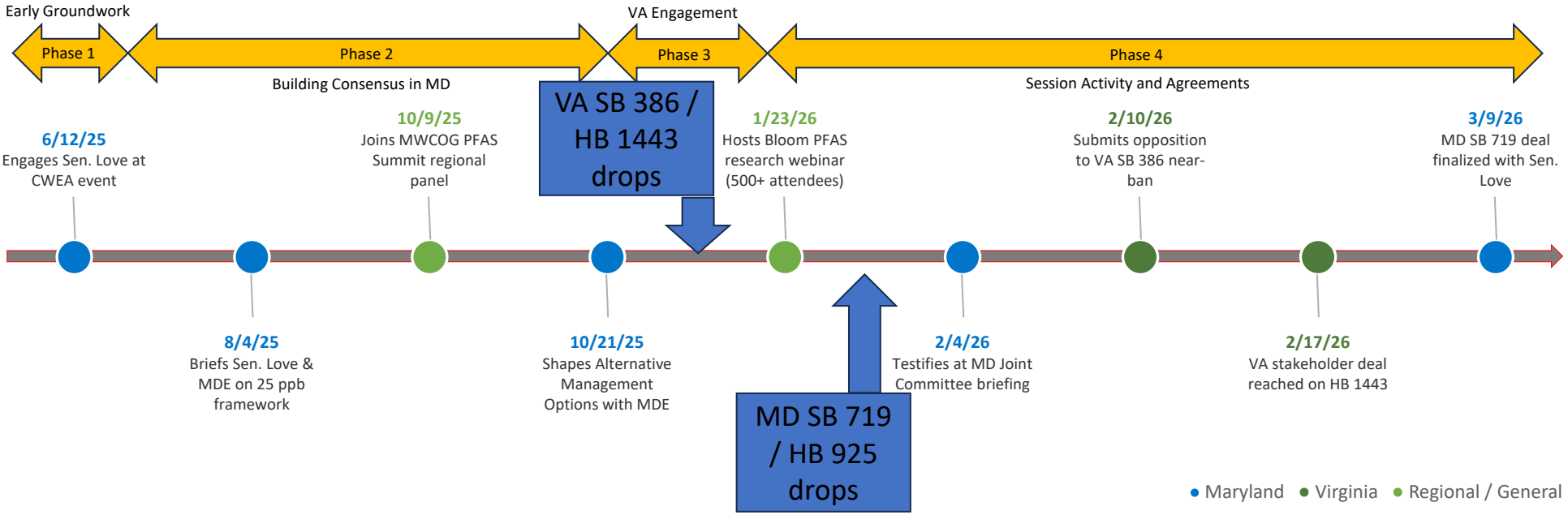
March 24 – Utilities and partners meet with Senator Love. Those who testified against SB 732 meet with Bill sponsor and decline to support bill in its current form.

March 25 – DC Water meets with Senator Augustine about concerns. DC Water communicates issues with the amended bill and lack of input into the process.

April 7 – MD General assembly adjourns and does not take a vote on SB732.

Shaping Workable PFAS Legislation in MD and VA

Over a 12-month period, DC Water engaged directly with legislators, regulators, and allied utilities in Maryland and Virginia to shape the 2026 legislative response to PFAS in biosolids.



Special Thanks

- Legal team – Barbara Mitchell and Hamza Masud and their very effective consultant group (Bose - John Mandel and Sarah Lamson)
- James Fotouhi and Zach Borrenpohl of the Resource Recovery department for their support, insight, and testimony
- April Thompson and the Bloom team for their transparent dissemination of our information and for organizing the PFAS webinar
- MWCOG for the very well run PFAS summit
- WSSC Water for their legislative and collaborative research efforts
- DC Water SET for their continued support of the Bloom program

Final MD and VA Legislation: 3 Tiers of Application

Maryland — SB 719 / HB 925

Tier 1 (< 25 ppb): Unrestricted land application — Bloom qualifies today.
Tier 2 (25–50 ppb): Additional state oversight required. Reduced application rates apply: 3 dt/ac. Notification of local govt/owner/adjoining landowner 14 days prior to land application.
Tier 3 (≥ 50 ppb): Prohibited from agricultural use (effective Oct. 2027).

Notes: Also directs MDE to strengthen industrial pretreatment requirements, targeting PFAS at its source.

Virginia — SB 386 / HB 1443

Tier 1 (< 25 ppb): Unrestricted land application — Bloom qualifies today.
Tier 2 (25–50 ppb): Reduced application rates apply: 3 dt/ac.
Tier 3 (≥ 50 ppb): Prohibited from land application beginning July 2027.

Notes: **Landowner notification of PFAS results for the 40 1633A analytes two weeks prior to land application; does not apply to blends.** Establishes a study work group to evaluate PFAS in biosolids and report recommendations by November 2027.

- How does this affect Bloom?
  - Bloom is well below regulatory thresholds — **14.3 ppb** combined vs. the proposed **25 ppb** limit
  - Bloom can still be applied unrestricted in Maryland; in Virginia, our hauling contractor and blenders will need to comply with the Landowner notification of PFAS results for the 40 1633A analytes two weeks prior to land application. <u>However, this does not apply to our blended products sold directly in VA</u>.

EPA Reviewing Draft PFAS Risk Assessment

- On May 7, 2026, EPA announced they are developing new guidance on the risks posed by PFAS in land applied biosolids.
- EPA believes, based on 25,000+ comments received, that some of the scenarios are not realistic, as per remarks by Jessica Kramer – EPA Assistant Administrator for the Office of Water.
- Considering a tiered approach like some states have adopted (incl. MD and VA).

Potomac Interceptor Update

Matthew T. Brown
Chief Operating Officer & Executive Vice President

Moussa Wone
Chief Engineer & Vice President | Engineering & Clean Rivers

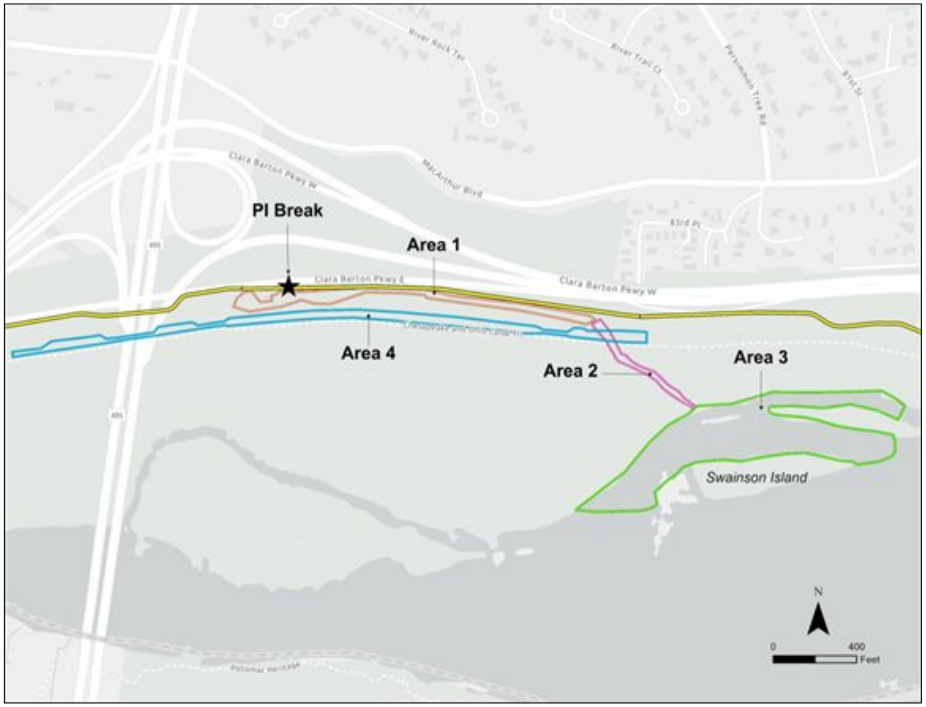
Purpose

Provide an update to the Committee on the Potomac Interceptor emergency response and next steps

Response and Repair Plan

STEP	ACTIVITY	TIMELINE
1	**Bypass Installation** - Install temporary bypass pumping to reroute flow through canal around damaged pipe section	Completed
2	**Investigation and Excavation** - Excavate downstream of pipe, clean and identify scope of blockage	Completed
3	**Repair and Flow Restoration** – Install bulkhead and bypass chamber; remove rock dam and repair collapsed section to restore flow	Completed
4	**Environmental Rehabilitation** – Restore affected areas including drainage channel, C&O Canal and Potomac River shoreline to Swainson Island	In Progress

Environmental Update



Area 1 = Drainage channel along Clara Barton Parkway
Area 2 = Culvert under C&O Canal and tributary to the Potomac River
Area 3 = Potomac River from shore to Swainson Island
Area 4 = C&O Canal

Crews performing cleaning activities at Lock 12 (Area 4)

Environmental Update

Area 2 Debris Removal and Temporary Stabilization Complete

Area	Phase 1 Activities [1]	Phase II Activities [1]	Phase 1 Completion Target	Phase 2 Completion Target	Final Planting Target
1	• Install clear water diversion (USACE) • Remove initial contamination (EPA/DCW) • Temporarily stabilize (EPA/DCW) • Complete soil testing (EPA)	• Rehabilitation (topsoil, grading, seeding) • Plant trees and shrubs • Remove temp. Canal access routes (after Area 4 is complete).	May-26	Jun-26	Fall 2026
2	• Install clear water diversion (USACE) • Wash Rock Run Culvert (USACE) • Remove debris (USACE) • Temporary stabilization (USACE)	• Rehabilitation (topsoil, grading, seeding) • Complete repairs to Rock Run Culvert	Mar-26	Jun-26	N/A
3	• Visual inspection (USACE) • Remove debris (USACE) • Repeat contamination removal after waters recede	No physical restoration, refer to Water Quality Monitoring (Section 3)	Mar-26	N/A	N/A
4	• Remove solids/debris • Clean Locks and Levels • Remove material to clay liner	• Inspect and repair of clay liner • Repair Locks (i.e. gates) and Levels • Rehabilitation (topsoil, grading, seeding)	Jun-26	Fall 2026	N/A

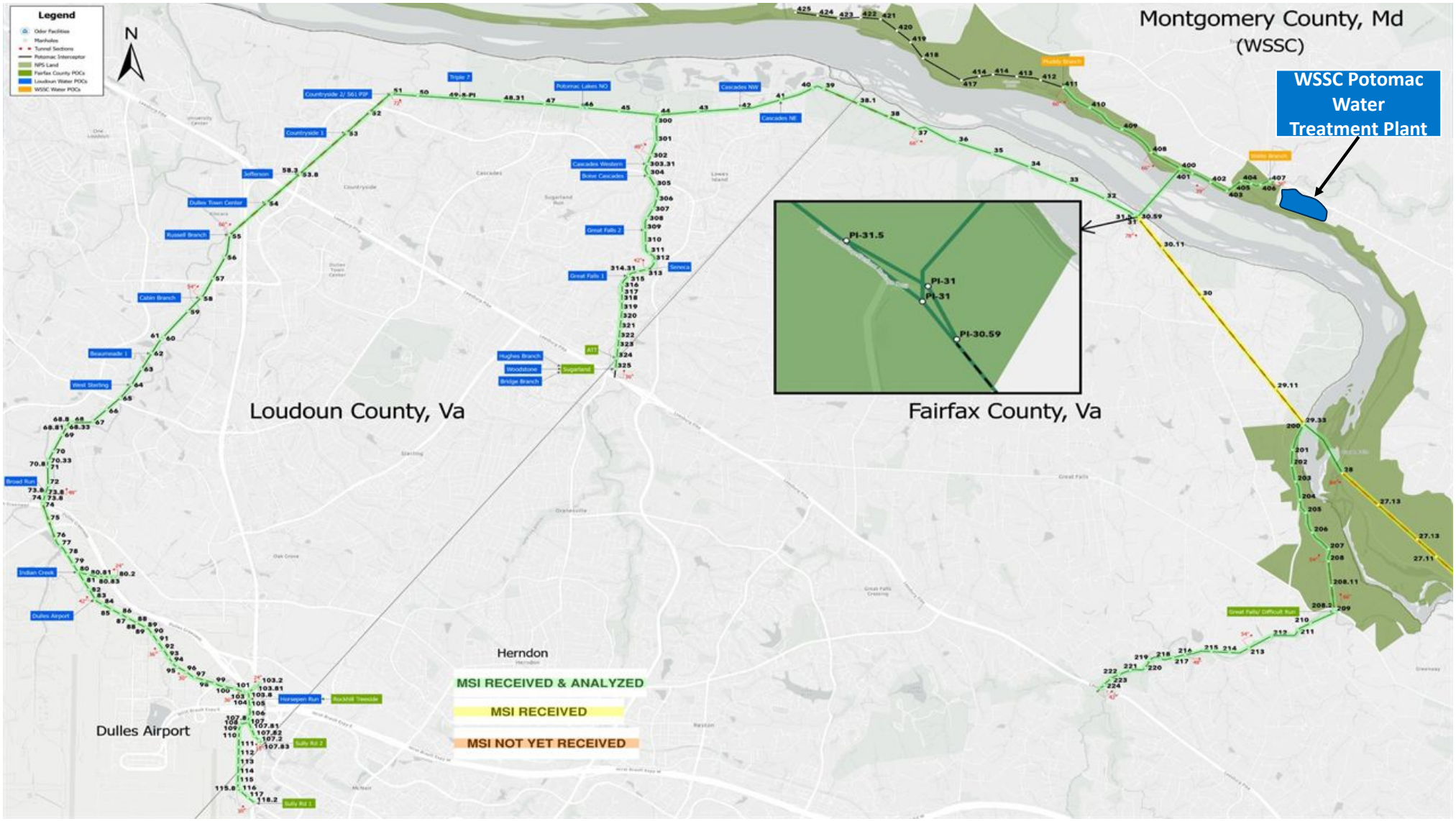
[1] All activities are DC Water's responsibility, unless otherwise noted.

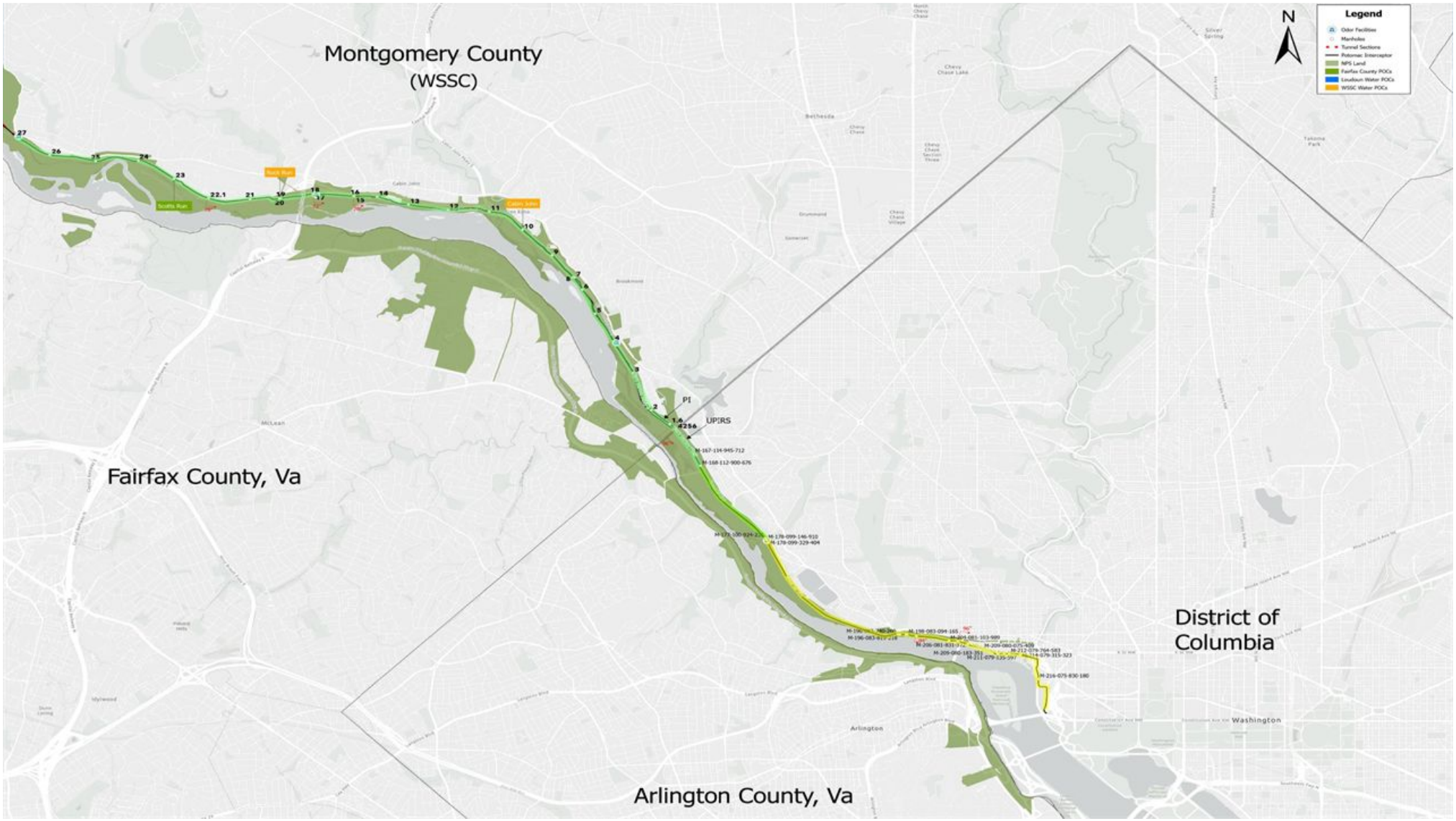
Condition Assessment Progress Summary

	Potomac Interceptor (LF)	UPIRS (LF)
Total Length (LF)[1]	228,602	27,620
MSI Submitted[2]	211,801	21,986
Reviewed		
- CCTV	97,311	0
- Laser Data	207,405	16,142

Notes
[1]*Based on GIS Lengths*
[2]*Based on RedZone Submittals*

MSI (Multi-Sensor Inspection): An advanced pipeline assessment method that combines CCTV, laser profiling (LiDAR), and sonar on a single robotic platform to provide a comprehensive, 360-degree evaluation of structural and hydraulic conditions.


Legend
N
Montgomery County, Md
(WSSC)
WSSC Potomac Water Treatment Plant
PI-31.5
PI-31
PI-31
PI-30.59
Loudoun County, Va
Fairfax County, Va
Herndon
Dulles Airport
MSI RECEIVED & ANALYZED
MSI RECEIVED
MSI NOT YET RECEIVED


Montgomery County
(WSSC)
Fairfax County, Va
District of
Columbia
Arlington County, Va
PI
UPIRS
N
Legend
Odor Facilities
Manholes
Tunnel Sections
Potomac Interceptor
NPS Land
Fairfax County POCs
Loudoun Water POCs
WSSC Water POCs

Upcoming Projects

Project Area and Scope	Approx. Cost	Schedule	Contractor	Status
Rock Run (MH18 to MH15) Emergency Repair	$9.5M (End of Mar) / $12M (Projected)	Jan 2026 to Mar 2026	Anchor	Work Complete
Rock Run (MH20 to MH15) Rehabilitation	$9.5M Environ Rehab / $35M Pipe Rehab	Apr 2026 to Jan 2027	Anchor	Environ Rehab: Areas 1-4 Ongoing; Pipe Rehab: NTP Mar 2026 (Pipe Fabrication)
Cabin John (MH6 to MH1.6) and UPIRS (MH4252 to MH4256) Rehabilitation Emergency Repair - MH1.6-4252	$165M	2026 – 2028	Spiniello	Developing Scope Documents to Issue Contract/Task Order
Northeastern (MH40 to MH31.5) Rehabilitation	$250M	2027 – 2029	To Be Procured	In Procurement; Developing Scope Documents
Muddy Branch (MH411 to MH410) Emergency Repair	$20M	May 2026 to Dec 2026	Anchor	Developing Scope Documents to Issue Contract/Task Order
Dulles Airport (MH82 to MH83) Emergency Repair	$10M	2026	Anchor	Implementation of bypass pumping operations
Loudoun County (MH72 to MH73.8) Emergency Repair	$10M	2026	Anchor	Mobilization and access road construction

- **Subject to refinement as additional condition assessment data is collected and evaluated**
- **Engaged with IMA partners and Loudoun Water to review projects identified to date and provide an update on Potomac Interceptor (PI) status**

Odor Mitigation at MH17 Break Site

- Factors:
  - Existing odor control facility at MH17 is out of service due to break in PI
  - Pits on existing sewer are present to facilitate slip lining
  - Soil removal is ongoing

- Mitigation measures
  - Assessing odor control facility to develop repair plan and timeline
  - Cover open pits on sewer with tarp/plastic to mitigate fugitive emissions
  - Upstream chemical addition to mitigate odor generation in sewer
  - Relocate and activate Odor Boss (odor masking) to Lock 10 area

Next Steps: Potomac Interceptor Update

NEXT STEPS

- Continue Environmental rehabilitation and site restoration
- Complete remaining inspection and condition assessment activities
- Prioritize mitigation of high-risk/high consequence locations
- Refine and update the CIP to reflect assessment findings
- Secure permits and implement bypass pumping for Muddy Branch, and perform tree removal for the Cabin John emergency segment (MH1.6 to MH4252)

Fact Sheet: Contract No. 230050 Emergency Sewer Main IR&R

Chris Collier

Vice-President | Water Operations

Purpose

- Request Committee's recommendation to the Board on the following:
  - To add and exercise two (2) option years for Contract 230050, the Sewer Main Emergency IR&R Contract; and add contract value in the amount of $62.5 million for the following use:
    - $20 million for use during the 2 option years
    - $42.5 million for use on upcoming, Potomac Interceptor (PI) related emergency projects

Background

- The Sewer Main Infrastructure Repair & Replacement (IR&R) contract is used to support DC Water's in-house repair crews. This contract responds to all sewer main related emergencies within the District of Columbia on a 24/7 basis.
- Original Contract Details:
  - Contractor: Anchor Construction
  - Contract Period: 02/15/2024 to 02/15/2027
  - Original Contract Value: $21,429,860
  - Change Order #1:
    - Executed 04/01/2026
    - Value: $18.5 million ($10.5 million for PI MH17 SSO Repair; $8 million to provide funding capacity for anticipated emergency repairs based on burn-rate)
  - Change Order #2: pending review & approval

Sewer Main Emergency Response - IR&R Project Highlights

Examples of emergency sewer main projects completed by Contract 230050 in CY25 & CY26 include:

- 22nd St NW Phase I Repair – road closure, stabilization, inline bypass, extensive steel reinforcement cage installation, shotcrete approx. 1000LF
- Suitland Parkway 54” Storm Sewer Repair –emergency excavation and stabilization, inspection, invert and channel repair, shotcrete 580LF
- Anacostia Force Main SSO Repair – tree removal, construct large scale spill containment system, spill clean-up, heavy cleaning of Forcemain, bypass of East Side Forcemain, removal of pre-stressed steel wires, pipe repair
- Albermarle St Emergency Manhole Rehab – removal and replacement of existing >40ft deep manhole, test pits, traffic control, bypass and restoration
- Ingleside Terrace SSO Repair – dye testing, CCTV, point repairs, emergency bypass pumping, CIPP lining

PI Related Emergency Repairs

- The following sections of the Potomac Interceptor were identified by recent condition assessment results as needing emergency repairs:
  - PI MH411/410 Emergency Repair (Muddy Branch)
    - Slip lining of approximately 1700 LF of pipe
    - Cost Estimate: $20.5 million
  - PI MH83/82 Emergency Repair
    - CIPP lining of approximately 600LF of 42-inch pipe
    - Cost Estimate: $10 million
  - PI MH72/73.8 Emergency Repair
    - CIPP lining of approximately 485LF of 42-inch pipe
    - Cost Estimate: $10 million
  - PI MH17 Emergency Repair
    - Continuation of previously started EM repair & restoration
    - Cost Estimate: $2 million

- **Total amount of the Change Order is $20 million + $42.5 million = $62.5 million**

Recommendation

That the Committee recommend to the Board:

- Exercise two (2) option years for Contract 230050
- Add contract value in the amount of $62.5 million

Contract No. 250030 – On Call Structural Rehabilitation

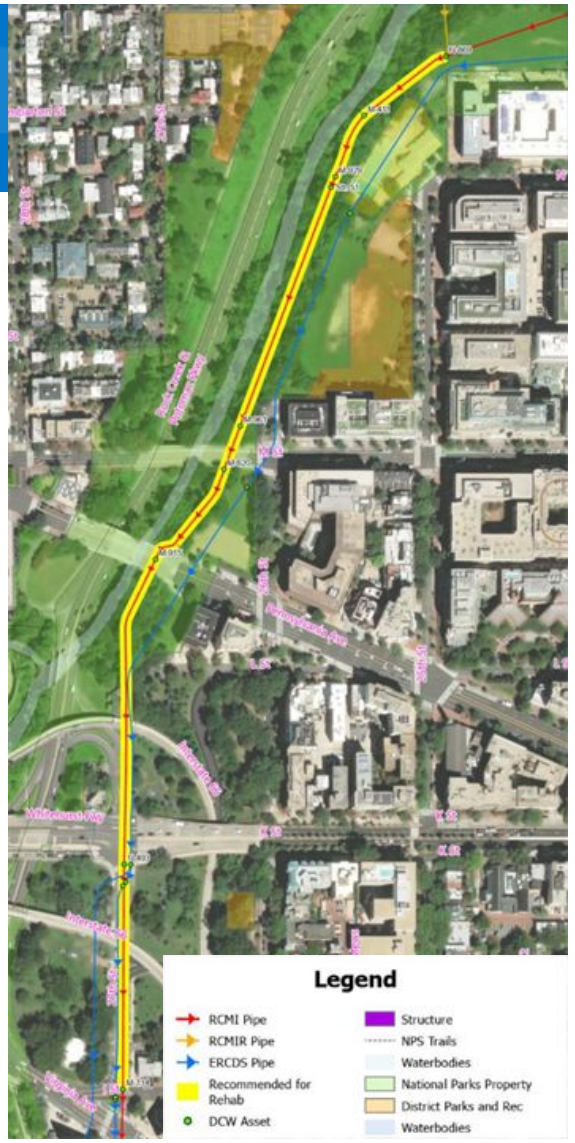
Ryu Suzuki, PE, DBIA

Director | Wastewater Engineering

Purpose

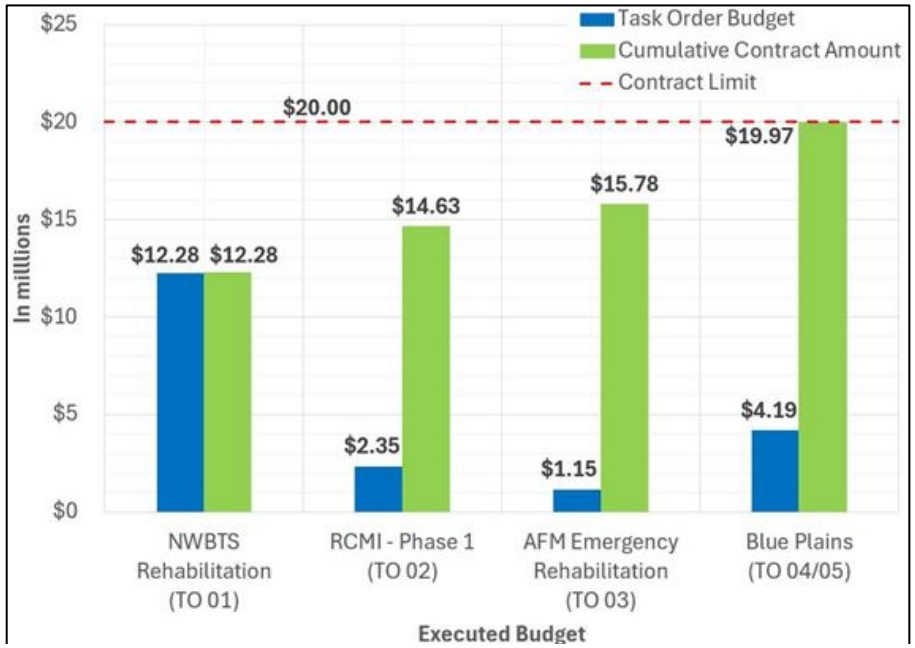
Provide update to Rock Creek Main Interceptor project

Seek recommendation to the full Board for approval of $30.5 million for the project



High Priority IDIQ Contract #250030

- Rapid response contract to address emergency and high priority critical structural risks
- Investigate, design and build complete yet technically complex solutions
- Initial Contract Value: $20 million
  - Five Task Orders (TO) issued to date (bar chart below)



Rock Creek Main Interceptor Project Problem Statement

- November 2024 inspection showed that a prior fracture identified in 2014 was further separating
  - 72-inch Brick Pipe
  - Approx. defect length of 200 LF*
  - Distress in crown of brick-lined tunnel

- Classified as a High Priority Project

May 2025 Re-Inspection Findings

May 2025 inspection showed minimal defect progression from November 2024

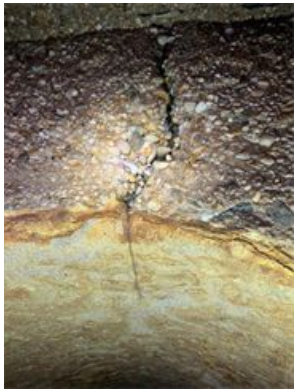





December 2025 Pipe Walk Findings

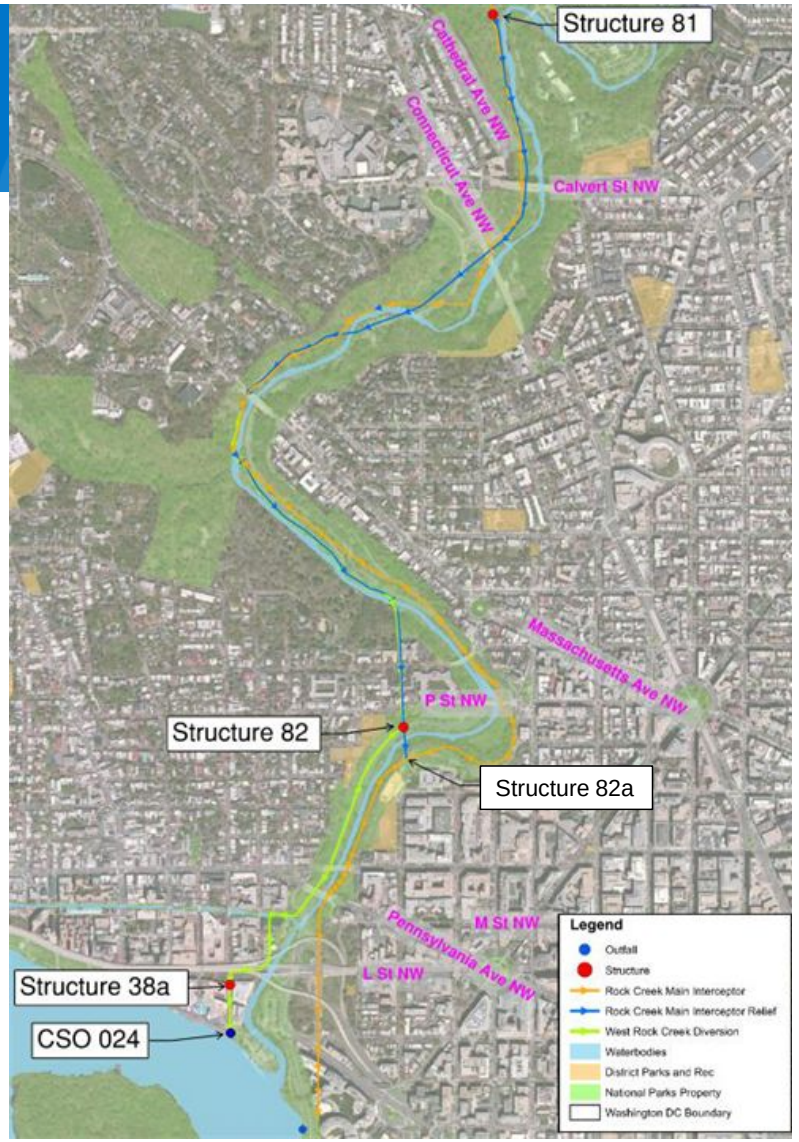
Minimal defect progression observed during December 2025 Pipe Walk Findings




Work Performed to Date

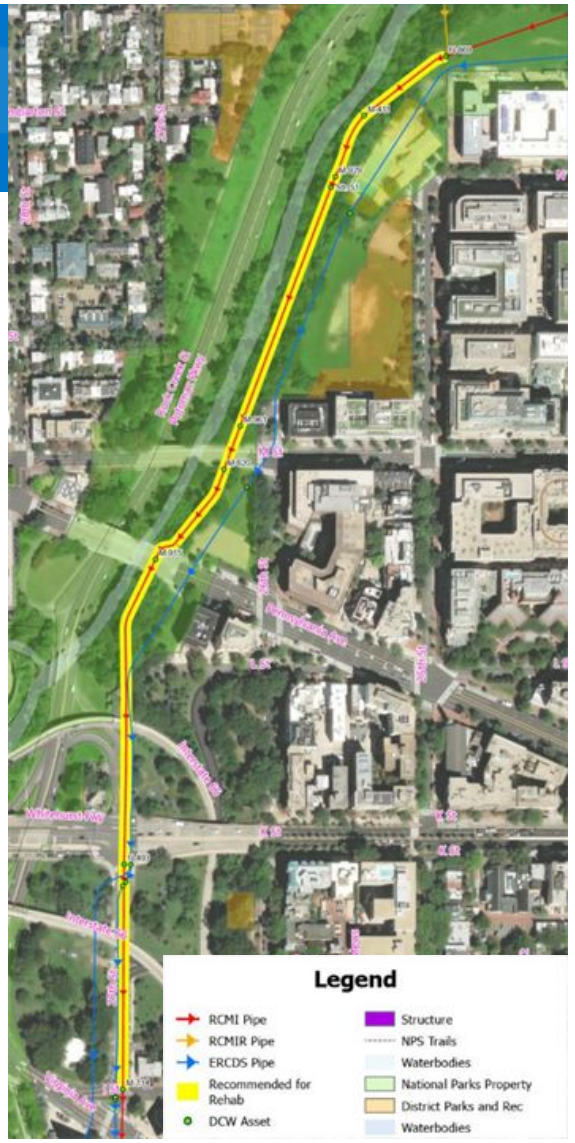
- Repaired existing DC Water structures for flow diversion eliminating need for bypass
- Advanced Field Investigations/Surveys, Permitting, and Design
- Collaboration with National Park Service – Rock Creek Park
- Community and Stakeholder Outreach



Construction scope and Proposed Change Order

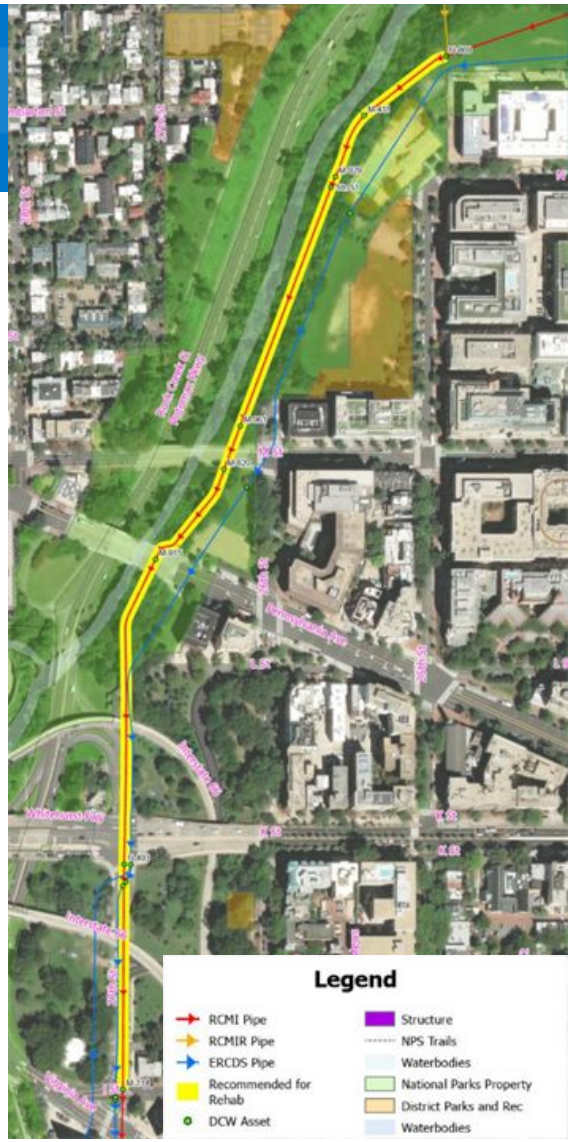
- Repair design for 3,000 linear feet repair (shown in yellow)
  - Carbon Fiber Reinforced Polymer (CFRP)
  - Soil grouting and ground stabilization
- Wastewater flow diversion and control
- Permitting and Regulatory compliance
- Community and Stakeholder Outreach

- <u>Total Construction Cost:</u> $30.5 million
- Contract Change Order required



Recommendation

Committee recommend to the full Board approval of a change order to advance project



Fact Sheet: 250040 Headworks and Primary CMAR Portfolio – Amendment No. 1

Ryu Suzuki

Director| Department of Wastewater Engineering

Purpose

Provide update on the Headworks and Primary CMAR Portfolio Contract

Seek Committee recommendation to the full Board for approval

250040 Headworks and Primary Upgrades CMAR Portfolio – Projects

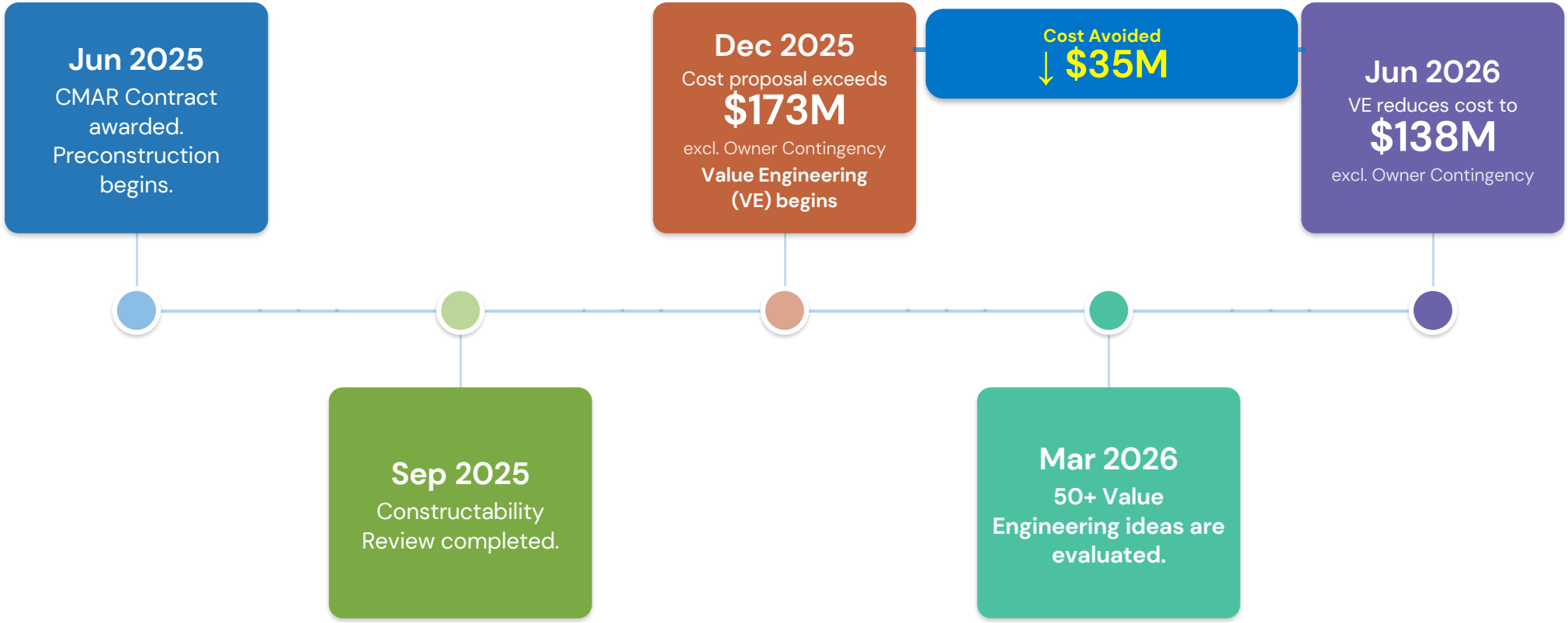
Headworks Electrical Project

- Replacement of major electrical equipment
- Upgrades to instrumentation and controls
- HVAC and HVAC Control improvements
- Door, window, and roof replacement

Primary Tanks: 20-Year Rebuild Project

- Structural repair of Primary Sedimentation Tanks (PSTs) and influent channels
- Scum collection system improvements

Headworks Electrical Project: Past 12 months



Value Engineering (VE) Process

Over 50 VE ideas analyzed and 24 Implemented

BEFORE VE		AFTER VE
Higher Cost	→	Reduced Cost
Longer Schedule	→	Shorter Duration
Design Manual	→	Optimized Design
Constructability Issues	→	Buildable Solution

5

Headworks Electrical Project

The Challenge: H_2S Exposure in Headworks Electrical Areas

H_2S Source

The headworks area of Blue Plains is a major source of hydrogen sulfide (H_2S) — a highly corrosive and hazardous gas.

HVAC System Role

HVAC equipment and ducts supply fresh air from outside and remove corrosive H_2S gas from inside. Essential for Life and Safety

Costly PTFE Ducts

Exhaust air carries H_2S and moist gases, requiring very costly PTFE-lined ductwork to prevent corrosion damage.

Headworks Electrical Project – Value Engineering Solutions

How supply and exhaust air paths determine duct material requirements

VE Recommendation: Use standard (non-PTFE) ducts for supply air — fresh air from outside does not carry corrosive gases

PTFE Required: Exhaust ducts must remain PTFE-lined — they carry H_2S, corrosive, and moist air from inside

Headworks Electrical Project – Value Engineering Solutions - $2M savings

Why Two Types of Pipe? Corrosive gases settle near the floor.

Higher Up (above 4 feet)

Aluminum Conduit

$ LOWER COST

Near the Floor (4 feet and below)

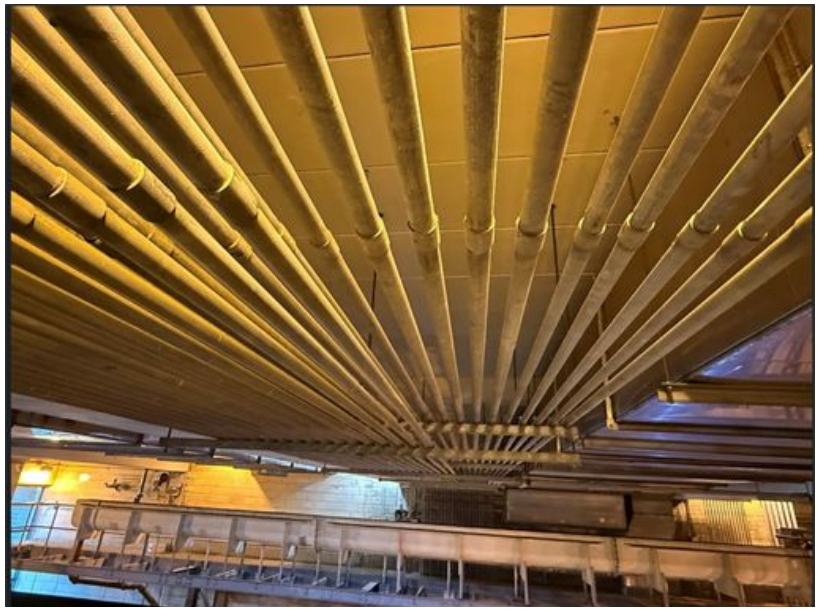
PVC-Coated Rigid Conduit

$$$ HIGHER COST

Hydrogen gas (H_2S) sink to floor level — conduits here need corrosion protection

50 Miles of Conduit

+ 325 Miles of Wire | Total Required Electrical Materials



dc water is life®

~$35M Avoided

through collaboration on the Headworks Electrical Project

Value Engineering | Negotiations | Risk Management

CMAR Contractor
Construction expertise and cost transparency

Operations
Operational requirements and maintenance insight

Design Engineer
Design updates and specification flexibility

Owner's Advisor
Cost verification and negotiation support

> ***"Contractors don't take on risk — they price it."***

Lengthy negotiations ensured:

- Appropriate allocation of project risks
- Risks assigned to the party best equipped to manage them
- Lower prices through reduced contractor risk premiums

250040 Headworks and Primary Upgrades CMAR Portfolio – Amendment No. 1

Headworks Electrical

- Preconstruction Services: $325,000
- Construction Service: $138,467,176
- Owner's Contingency: $5,000,000

Primary Tanks: 20-Year Rebuild

- Preconstruction Services : $931,000
- Early Work Package: $822,373
- Construction Services: TBD

Amendment No.1 Total = $145,500,447

Recommendation

That the Committee recommend to the full Board approval of an amendment to advance these projects

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

ACTION REQUESTED

CONSTRUCTION CONTRACT CHANGE ORDER:

Emergency Sewer Main IR&R Contract for FY24-FY27 (Joint Use)

Approval to execute Change Order No. 02 for $62,500,000. The modification exceeds the Chief Executive Officer's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:		PARTICIPATION:
Anchor Construction Corporation 2254 25th Place NE Washington, DC 20018	S&J Service Inc Hyattsville, MD	DBE	10.24%
	Saavedra Trucking Washington, DC	DBE	1.02%
	United Construction Washington, DC	WBE	2.00%
	Resources Industries Washington, DC	WBE	0.87%
	Acorn Supply, White Marsh, MD	WBE	0.51%

DESCRIPTION AND PURPOSE

Original Contract Value:	$21,429,860.00
Total of Previous Change Orders:	$18,500,000.00
Current Contract Value:	$39,929,860.00
Value of this Change Order:	$62,500,000.00
Total Contract Value, including this CO:	$102,429,860.00
Original Contract Time:	1,095 Days (3 Years, 0 Months)
No of Option Years in Contract:	2
Option Years Exercised:	0
Time extension, this CO:	0 Days
Total CO contract time extension:	0 Days
Contract Start Date (NTP):	02-15-2024
Anticipated Contract Completion Date:	02-15-2029 (Including Option Years)
Cumulative CO % of Original Contract:	378%
Contract completion %:	69%

Purpose of the Contract:
This contract provides emergency and urgent sewer infrastructure rehabilitation and replacement services at various public space locations in Washington, D.C and other jurisdictions the Authority services. This contract will address primarily routine city-wide sewer emergencies that are reported to DC Water daily by providing an on-call contractor with pre-negotiated unit and Time & Material prices. The types of work that typically fall under this category occur often enough requiring immediate action that need to have a dedicated mechanism on stand-by, to address them.

Original Contract Scope:
DC Water awarded an Indefinite Delivery and indefinite Quantity (IDIQ) contract to the selected contractor. As emergency or urgent work is identified, DC Water Operations will develop scopes of work, negotiate costs using pre-established pricing, and issue task assignments to the contractor. Typical scope of tasks may include:

- Emergency rehabilitation, repair, and installation of sewer & storm mains
- Emergency rehabilitation, repair, and installation of sewer manholes

- Emergency rehabilitation, repair, and installation of catch basins
- Emergency rehabilitation, repair, and installation of outfalls, structures and gates

Previous Change Order:
This contract has been utilized to address several emergencies of greater scale than initially anticipated, resulting in an accelerated expenditure of contract funds beyond original forecasts that now require replenishment. The emergency responses included the following projects:

- Albermarle/Soapstone Sewer
- 22nd and Q St NW Emergency Projects
- Anacostia Force Main Emergency Project
- PI-Manhole 17 SSO Emergency Project

Current Change Order Scope:
This contract has been utilized to address several emergencies of greater scale than initially anticipated, resulting in an accelerated expenditure and projected expenditure of contract funds beyond original forecasts that now require replenishment. These emergency rehabilitations include:

- PI-Manhole 17 SSO Emergency Rehabilitation & Environmental Restoration (ongoing)
- PI-Manhole 411/410 Emergency Rehabilitation
- PI-Manhole 83/82 Emergency Rehabilitation
- PI-Manhole 73.8/72 Emergency Repair

PROCUREMENT INFORMATION

Contract Type:	Unit Price	**Award Based On:**	Lowest responsive, responsible bidder
Commodity:	Construction	**Contract Number:**	230050
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Water & Sewer Operations
Service Area:	Sewer	**Department Head:**	Chris Collier
Project:	PI, T8		

***ESTIMATED USER SHARE INFORMATION**

MJ82 – Potomac Interceptor – MH17 SSO Repair

User	Share %	Dollar Amount
Washington Suburban Sanitary Commission	30.90%	$ 618,000.00
Fairfax County	45.10%	$ 902,000.00
Loudoun County & Potomac Interceptor	24.00%	$ 480,000.00
Total Estimated Dollar Amount	100.00%	**$ 2,000,000.00**

MJ91 – Potomac Interceptor – Muddy Branch MH411 to MH410

User	Share %	Dollar Amount
Washington Suburban Sanitary Commission	100.00%	$20,500,000.00
Total Estimated Dollar Amount	100.00%	**$20,500,000.00**

MJ99 – Potomac Interceptor – Dulles Airport MH83 to MH82 Emergency Rehabilitation

User	Share %	Dollar Amount
Fairfax County	84.86%	$ 8,486,000.00
Loudoun County & Potomac Interceptor	15.14%	$ 1,514,000.00
Total Estimated Dollar Amount	100.00%	**$10,000,000.00**

MX33 – Potomac Interceptor MH73.8/72 Emergency Repair

User	Share %	Dollar Amount
Washington Suburban Sanitary Commission	28.90%	$ 2,890,000.00
Fairfax County	44.50%	$ 4,450,000.00
Loudoun County & Potomac Interceptor	26.60%	$ 2,660,000.00
Total Estimated Dollar Amount	100.00%	**$10,000,000.00**

CAPM – Sanitary Sewer Projects

User	Share %	Dollar Amount
District of Columbia	100.00%	$20,000,000.00
Total Estimated Dollar Amount	100.00%	**$20,000,000.00**

Cumulative

User	Share %	Dollar Amount
District of Columbia	32.00%	$20,000,000.00
Washington Suburban Sanitary Commission	38.41%	$24,008,000.00
Fairfax County	22.14%	$13,838,000.00
Loudoun County & Potomac Interceptor	7.45%	$ 4,654,000.00
Total Estimated Dollar Amount	**100.00%**	**$62,500,000.00**

*Under the terms of the IMA, the capital costs associated with each joint facility are to be split among the users in proportion to the peak flow each user is allocated. It is not possible, currently, to allocate costs by individual facility. It is anticipated that as projects are developed under individual Task Orders for work associated with specific facilities and costs are developed, the individual users will be notified and billed accordingly

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Matthew T. Brown Date
Chief Operating Officer
and Executive Vice President

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

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Lola Oyeyemi Date
Acting Chief Financial Officer
and Vice President, Budget

David L. Gadis Date
Chief Executive Officer and General Manager

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

ACTION REQUESTED

INDEFINITE DELIVERY AND INDEFINITE QUANTITY (IDIQ) CONTRACT CHANGE ORDER:

On Call Structural Rehabilitation
(Joint Use)

Approval to execute Change Order No. 02 for $32,508,276.00. The modification exceeds the Chief Executive Officer's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:		*PARTICIPATION:
Structural Preservation Systems, LLC 6955 San Tomas Rd Elkridge, MD 21075	Dry Works LLC. Bristol, CT	DBE	18.76%
	C&M Fuel Lanham, MD	DBE	3.70%
	M4 Security Baltimore MD	DBE	0.52%
	Best Fence Glen Burnie, MD	DBE	0.17%
	Road Safety Glen Burnie, MD	WBE	3.12%
	Resource Industries, LLC. Washington, D.C	WBE	0.28%
	Anutec Networks, LLC. Cleveland, OH	WBE	0.11%

DBE Total =23.15% WBE Total= 3.51%

*Participation is based on eligible portions of work. See Attachment A for the item currently excluded at this time. The prime has established a Mentor Protégé agreement with Dry Works, LLC.

DESCRIPTION AND PURPOSE

Original Contract Value:	$ 20,000,000.00
Total of Previous Change Order:	$ 0.00
Current Contract Value:	$ 20,000,000.00
Value of this Change Order:	$ 32,508,276.00
Total Contract Value, including this CO:	$ 52,508,276.00
Original Contract Time:	365 Days (1 Years, 0 Months)
No. of Option Years in Contract:	1
Option Years Exercised:	1
Time extension, this CO:	365 Days
Total CO contract time extension:	365 Days
Contract Start Date (NTP):	01-08-2025
Anticipated Contract Completion Date:	01-08-2028 (Including 1 Option Year)
Cumulative CO % of Original Contract:	163%
Contract completion %:	91%

Purpose of the Contract:

Conduct emergency and high priority specialty structural design and rehabilitation on linear and vertical assets that are at high risk of failure. This will be achieved through a collaborative design-build approach, incorporating targeted investigations by subject matter experts, followed by custom design and construction.

This work aims to align swift mitigation of asset failures as identified by the ongoing comprehensive condition assessments to enhance DC Water's resiliency management in a time-critical way.

Original Contract Scope:

- Collaborate closely with the DC Water team to assess asset failures, develop rehabilitation solutions, develop designs, and implement asset rehabilitation, pipelines, and sewer structures in a timely manner.
- Typical on-call design and build tasks include but not limited to criticality reviews, inspections, corrosion investigations and condition assessments of:
  - Pipelines
  - Sewer structures
  - Tanks

Previous Change Order Scope:

- Previous change order was executed to exercise one option year.

Current Change Order Scope:

- Additional funding is required under the contract to support the Rock Creek Main Interceptor (RCMI) high priority Construction Project and the Blue Plains Chemical Scrubbers and Tanks Project, as well to extend the contract duration by one year through January 8, 2028.
- Work associated with the RCMI project will include the following:
  - Rehabilitation of approximately 3,000 LF of a critical 72-inch diameter interceptor, including inspection validation, structural repairs, and restoration of deteriorated brick sewer segments.
  - Implementation of complex flow diversion, dewatering, cleaning, and confined space construction activities to enable safe in-pipe repairs while maintaining system operations.
  - Ongoing coordination with National Park Service, DDOT, and other stakeholders to support permitting, access, and construction in sensitive and high-traffic areas.
- Blue Plains Chemical Tanks & Scrubbers: Rehabilitation of four chemical storage tanks utilizing protective lining systems to address corrosion and extend operational service life.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	**Award Based On:**	Lowest responsive, responsible bidder
Commodity:	Construction	**Contract Number:**	250030
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Department of Wastewater Engineering
Service Area:		**Department Head:**	Ryu Suzuki
Project:	RW, X6		

ESTIMATED USER SHARE INFORMATION

GIBP- Chemical Tank Rehabilitation and Odor Scrubber Inspection at Blue Plains

User	Share %	Dollar Amount
District of Columbia	41.22%	$ 816,156.00
Washington Suburban Sanitary Commission	45.84%	$ 907,632.00
Fairfax	8.38%	$ 165,924.00
Loudoun County & Potomac Interceptor	4.56%	$ 90,288.00
Total Estimated Dollar Amount	**100.00%**	**$ 1,980,000.00**

CAPM – Structure 38a used for Flow Diversion for the RCMI project

User	Share %	Dollar Amount
District of Columbia	100.00%	$ 100,000.00
Total Estimated Dollar Amount	**100.00%**	**$ 100,000.00**

MJ79 - Structure 81 on the RCMI used for Flow Diversion

	Share %	Dollar Amount
District of Columbia	41.80%	$ 62,700.00
Washington Suburban Sanitary Commission	58.20%	$ 87,300.00
Total Estimated Dollar Amount	**100.00%**	**$ 100,000.00**

MJ80 - Structure 82 on the RCMI for Flow Diversion

User	Share %	Dollar Amount
District of Columbia	62.40%	$ 62,400.00
Washington Suburban Sanitary Commission	37.60%	$ 37,600.00
Total Estimated Dollar Amount	**100.00%**	**$ 100,000.00**

MJ81 – RCMI Sewer Main Rehabilitation

User	Share %	Dollar Amount
District of Columbia	45.50%	$ 13,731,115.58
Washington Suburban Sanitary Commission	54.50%	$ 16,447,160.42
Total Estimated Dollar Amount	**100.00%**	**$ 30,178,276.00**

Cumulative

User	Share %	Dollar Amount
District of Columbia	45.44%	$ 14,772,371.58
Washington Suburban Sanitary Commission	53.77%	$ 17,479,692.42
Fairfax County	0.51%	$ 165,924.00
Loudoun County & Potomac Interceptor	0.28%	$ 90,288.00
Total Estimated Dollar Amount	**100.00%**	**$ 32,508,276.00**

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Lola Oyeyemi Date
Acting Chief Financial Officer
and Vice President, Budget

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David L. Gadis Date
Chief Executive Officer and General Manager

INDEFINITE DELIVERY AND INDEFINITE QUANTITY (IDIQ) CONTRACT CHANGE ORDER:

On Call Structural Rehabilitation
Attachment A

The following table provides a list of an excluded item from DBE/WBE utilization at this time.

Description	Amount	Explanation
Project Contingency Allowance	$4,240,803.00	Need for and scope of work unknown at this time. DC Water will coordinate with Structural to utilize DBE/WBE subcontractors if authorized and where applicable.
Total	**4,240,803.00**	

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

ACTION REQUESTED

CONSTRUCTION MANAGER AT RISK (CMAR)

HEADWORKS AND PRIMARY UPGRADES CMAR PORTFOLIO AMENDMENT NO. 1 (JOINT USE)

Approval to execute Construction Manager at Risk (CMAR) Amendment No. 1 for $145,500,447.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	PARTICIPATION:
Ulliman Schutte Construction 14420 Albermarle Point Place, Suite 110 Chantilly, VA 20151	Construction Services DBE – 32.96% WBE – 2.39% For list of subcontractors See Attachment A

* See Attachment B for the list of excluded items.

DESCRIPTION AND PURPOSE

Original Preconstruction Services Value:	$ 947,925.00
Amendment No. 1 Value:	$ 145,500,447.00
Total Contract Value, including this	$ 146,448,372.00
Preconstruction Services Duration	735 Days (25 Months)
Amendment No. 1 Duration:	2,164 Days (5 years 10 Months)
Anticipated Amendment No. 1 Start (NTP):	08-01-2026
Anticipated Amendment No. 1 Completion:	06-02-2032

Purpose of the Contract:

This contract provides Construction Manager at Risk (CMAR) Services for a portfolio of improvements at Blue Plains, including the Headworks Electrical Upgrade and the Primary Sedimentation Tank (PST) – 20-year Rebuild projects. For the Headworks Electrical Upgrade, this amendment funds additional preconstruction services to support completion of a scope refinement process and construction services for the purchase, installation, testing, and commissioning of electrical and HVAC equipment. In addition, this amendment authorizes funds for additional preconstruction services for the PST – 20-year Rebuild project; these funds will allow the CMAR to perform constructability reviews of designs developed by the Project Design Engineer (PDE), support further condition assessments of the PSTs, and install pumps for a scum pump demonstration that will evaluate the effectiveness of various pumps in breaking hardened scum.

Contract Scope:

Proposed Amendment would include:

- **Headworks Electrical Upgrade** – Additional preconstruction services, including MCC survey costs and added CMAR coordination with PDE during the permitting and conformed drawing process.
- **Headworks Electrical Upgrade** – Construction services.
- **Primary Tank 20-Year** Rebuild – Early work and preconstruction services, including scum pump demonstration and PST sump and pipe cleaning.
- **Owner contingency**.

Federal Grant Status:

- No federal grant funding assistance associated with this contract at this moment.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	**Award Based On:**	Request for Qualifications
Commodity:	Construction	**Contract Number:**	250040
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Wastewater Engineering
Service Area:	Wastewater	**Department Head:**	Ryu Suzuki
Project:	BQ & I7		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	41.22%	$ 59,975,284.25
Washington Suburban Sanitary Commission	45.84%	$ 66,697,404.91
Fairfax County	8.38%	$ 12,192,937.46
Loudoun County & Potomac Interceptor	4.56%	$ 6,634,820.38
Total Estimated Dollar Amount	**100.00%**	**$145,500,447.00**

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Matthew T. Brown Date
Chief Operating Officer
and Executive Vice President

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

David L. Gadis Date
Chief Executive Officer and General Manager

CMAR Contract 250040
Headworks and Primary Upgrades
Amendment 1
LIST OF CERTIFIED FIRM SUBCONTRACTORS

Attachment A

Firm	Certification	Participation
Mac Electrical	DBE	17.41%
Horton Mechanical	DBE	7.40%
Hi- Mark	DBE	6.80%
Matadi Masonry	DBE	0.40%
Stocks General Contracting, LLC	DBE	0.30%
Promac Scheduling	DBE	0.31%
Aultec, Inc	DBE	0.24%
Dulles Goetech	DBE	0.07%
Aultec	DBE	0.02%
District Safety Supply	DBE	0.01%
	Subtotal DBE	**32.96%**
Broadway Electrical	WBE	1.07%
Debra's Glass	WBE	0.70%
Regional Contracting Services	WBE	0.60%
BG Industrial	WBE	0.02%
	Subtotal WBE	**2.39%**
Other identified Scope of Work are being negotiated	**DBE/WBE**	**3.12%**

CMAR Contract 250040
Headworks and Primary Upgrades
Amendment 1

ATTACHMENT B

LIST OF EXCLUDED ITEMS

The following table provides a summary of the excluded items.

Description	Amount	Explanation
CMAR Fee	$8,641,658	Fees exempt from project- specific subcontracting goals because it represents the prime contractor's internal costs for management, oversight, and general conditions, which are not services procured from external subcontractors.
CMAR Contingency	$6,675,000	Pool of funds for unplanned work, and not allocated to specific subcontracting goals in advance. As portions of the contingency are used for defined work, certified business goals will be established.
Owner Contingency	$5,000,000	Pool of funds for unplanned work, and not allocated to specific subcontracting goals in advance. As portions of the contingency are used for defined work, certified business goals will be established.
Bonds and Insurance	$2,794,015	Bonds and insurance costs are excluded because they are considered a direct cost to the prime contractor for risk management, rather than a subcontract for performance of work.
CMAR General Conditions and Expenses	$15,515,619	The prime contractor's indirect costs and project management functions, rather than specific scopes of construction work.
Total Ineligible Costs	**$38,626,292**	

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

ACTION REQUESTED

GOODS AND SERVICES CONTRACT EXTENSION

CAPITAL PROJECT CONTRACT MANAGEMENT SOFTWARE (Joint Use Indirect)

Approval to execute and fund Option Years eight (8) and nine (9) for $1,183,792.37.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Oracle America, Inc. 500 Oracle Parkway Redwood Shores, CA 94065	N/A	N/A

DESCRIPTION AND PURPOSE

Base Year Contract Value:	$1,656,517.50
Base Year Contract Dates:	05-15-2019—05-14-2024
No. of Option Years in Contract:	5
Modification 1 & 2 Value:	$70,184.68
Modification 1 & 2 Dates:	05-15-2024—08-15-2024
Option Year 6 Value:	$511,159.28
Option Year 6 Dates:	08-16-2024—09-30-2025
Option Year 7 Value:	$499,860.77
Option Year 7 Dates:	10-01-2025—09-30-2026
Option Year 8 & 9 Value:	**$1,183,792.37**
Option Year 8 & 9 Dates:	**10-01-2026—09-30-2028**

Purpose of the Contract:

This contract is to subscribe to the Oracle Primavera P6 and Unifier software.

Contract Scope:

SaaS license subscriptions for Primavera P6 and Unifier software for CIP planning, scheduling, resource management, reporting, analytics, risk management, project controls, contract and cost management. The software subscription includes all updates, patches, fixes, maintenance, support and database during the term of the contract.

Spending Previous Years:

Cumulative Contract Value:	05-15-2019 – 09-30-2026: $2,737,722.23
Cumulative Contract Spending:	05-15-2019 – 05-31-2026: $2,177,869.78

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.

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	**Award Based On:**	Best Value
Commodity:	Software Subscription	**Contract Number:**	19-PR-DET-22
Contractor Market:	Open Market with Preference Points for LBE and LSBE participation		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Shared Services & Asset Management
Project Area:	EQP601SB1	**Department Head:**	Paul Guttridge

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	66.11%	$782,605.13
Washington Suburban Sanitary Commission	24.83%	$293,935.65
Fairfax County	5.81%	$68,778.34
Loudoun Water	2.83%	$33,501.32
Potomac Interceptor	0.42%	$4,971.93
TOTAL ESTIMATED DOLLAR AMOUNT	**100.00%**	**$1,183,792.37**

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Matthew Brown 6/11/2026
Matthew T. Brown Date
Chief Operating Officer, EVP

DocuSigned by:
Korey Gray 6/12/2026
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Korey Gray
VP Procurement & Compliance and Chief Procurement Officer

Signed by:
dolade oyeyemi
E25E37FD482245D... 6/12/2026
Lola Oyeyemi Date
Acting CFO and EVP, of Finance, Procurement and Compliance and Vice President, Budget

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

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

ACTION REQUESTED

CONSTRUCTION CONTRACT:

Water Infrastructure Rehabilitation & Replacement Contract FY27-FY29 (Non-Joint Use)

Approval to execute a construction contract not to exceed $71,985,746.00 for the contract period of three years plus two renewal period of one year. The renewal period will be approved at DC Water's sole discretion.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:		PARTICIPATION:
Capitol Paving of DC Inc. 2211 Channing St., NE Washington, DC 20018	Omni Excavators, Inc. Forestville, MD	DBE	20.0%
	Phoenix Construction LLC Capitol Heights, MD	DBE	4.0%
	Royal Construction Materials Maclean, VA	WBE	6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	$71,985,746.00
Contract Time:	1,096 Days (3 Years, 0 Months)
Option Years	2
Anticipated Contract Start Date (NTP):	10-01-2026
Anticipated Contract Completion Date:	09-30-2031 (Including 2 Option Year)
Bid Opening Date:	04/27/2026
*Bids Received:	5
Capitol Paving of DC Inc.	$42,203,733.00
Anchor Construction Inc.	$46,192,792.00
Fort Myer Construction Corporation	$47,753,949.00
Sagres Construction Corporation	$53,776,674.00
Spiniello Companies	$57,090,967.00

*The five (5) bids received were based on a three-year term. The Fact Sheet also includes pricing for two (2) one-year renewal periods.

Purpose of the Contract:

To provide Indefinite Delivery and Indefinite Quantity (IDIQ) emergency water main rehabilitation and replacement of water service assets in the water distribution system at various locations in Washington, DC. This contract is also designed to assist with large and complex engineering projects that require specialized technical expertise and equipment. Scopes of work will be developed and issued to the contractor on a task order basis as needed by DC Water.

Contract Scope:

- Emergency rehabilitation of various size water mains.
- Rehabilitation and replacement of various types of valves, valve castings and valve boxes.
- Rehabilitation and replacement of fire hydrants, fire hydrants leads and lead service lines.
- Rehabilitation and replacement of Water Service assets in the water distribution system.
- Cleaning and lining of six, eight and twelve-inch diameter water mains.
- CCTV Water Main Inspection.
- Traffic Control Plan (TCP) & Site Plan (SP) creation.

Federal Grant Status:

- Construction Contract is not eligible for Federal Grant funding assistance.

PROCUREMENT INFORMATION

Contract Type:	Unit Price	**Award Based On:**	Lowest Price Technically Acceptable
Commodity:	Construction	**Contract Number:**	260060
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Water Services
Service Area:	Water	**Department Head:**	Chris Collier
Project:	L6, L9, LA, ST		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	$71,985,746.00
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%**	**$71,985,746.00**

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6/8/2026
Matthew T. Brown / Date
Chief Operating Officer
and Executive Vice President

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Lola Oyeyemi 6/9/2026
Lola Oyeyemi / Date
Acting Chief Financial Officer
and Vice President, Budget

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6/9/2026
Korey R. Gray / Date
Vice President of Compliance
and Chief Procurement Officer

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

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

ACTION REQUESTED

PARTICIPATION IN DDOT PROJECT:

DDOT – I-695 Ramp D4 and 11th Street, SE improvements (Non-Joint Use)

Approval to participate in DDOT's I-695 Ramp D4 and 11th Street, SE improvements project under the terms of the 2002 Memorandum of Agreement (MOA) between District of Columbia Department of Transportation (DDOT) and DC Water for an amount up to $1,473,000.00. This amount exceeds the General Manager's approval authority.

PARTY INFORMATION

PARTY:	SUBS:	PARTICIPATION:
District Department of Transportation 55 M Street, SE, Suite 400 Washington, DC 20003	DBE and WBE fair share objectives will follow DDOT goals.	

DESCRIPTION AND PURPOSE

Value, Not-To-Exceed:	$1,473,000.00
Time:	487 Days (1 Year, 4 Months)
Anticipated Start Date:	May 03, 2027
Anticipated Completion Date:	September 01, 2028

Purpose of the Contract:

The purpose of this contract is the replacement of small-diameter water mains within the District of Columbia that have experienced failures or have a documented history of low-water pressure or water quality issues. In addition, the scope includes the replacement of a 30" valve.

Scope of DC Water's participation:

- This project includes replacement of 1042 LF of water main ranging between six (6) and twelve (12) inches and 292 LF of 8 service lines, two inches and smaller.
- This project includes replacement of 11 valves from 6-12 Inches, and one 30" Valve
- This project includes replacement of 50 Feet of 12" PVC Sewer line

Federal Grant Status:

- Although the work scope is generally eligible for grant funding, grant funding was not applied to the project because it was procured through DDOT.

PROCUREMENT INFORMATION

Contract Type:	DDOT Participation	**Award Based On:**	N/A
Commodity:	Design and Construction	**Contract Number:**	N/A

BUDGET INFORMATION

Funding:	Capital	**Department:**	Shared Services & Asset Management
Service Area:	Water	**Department Head:**	Paul Guttridge
Project:	KJ		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	$ 1,473,000.00
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%**	**$ 1,473,000.00**

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6/9/2026
Matthew T. Brown Date
Chief Operating Officer
Executive Vice President

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Vice President of Compliance
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Signed by:
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6/9/2026
Lola Oyeyemi Date
Acting Chief Financial Officer
and Vice President, Budget

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

District of Columbia Water and Sewer Authority

Board of Directors

Environmental Quality and Operations Committee July 16, 2026 / 9:30 am

Microsoft Teams meeting
Click here to join the meeting
Meeting ID: 262 334 429 345 25 Passcode: NG2WC3YL

Call in (audio only) +1 202-753-6714,,923979921#
Phone Conference ID: 923 979 921#

1. **Call to Order** _____ Christopher Herrington, Chairperson
2. **Roll Call** _____ Debra Mathis, Board Secretary
3. **June 2026 Blue Plains Wastewater Treatment Plant Performance** _____ Nicholas Passarelli
4. **Potomac Interceptor Update** _____ Matthew Brown
   Moussa Wone
5. **Non - Revenue Water Update** _____ Chris Collier
6. **Automated Metering Infrastructure (AMI)** _____Chris Collier
7. **Federal and Local Agency Impact on CIP projects** _____ Moussa Wone
   Paul Guttridge
8. **Fact Sheet: Water Program Manager** _____ William Elledge
9. **Fact Sheet: Supplemental Agreement** _____ William Elledge
10. **Fact Sheet: Industrial High Pressures** _____ John Papajohn
11. **Action Items** _____ Moussa Wone
    John Papajohn

    Joint Use
    a. **TBD**

    Non-Joint Use
    b. **TBD**

12. Agenda for September 2026 Committee Meeting _____ Christopher Herrington

13. **Executive Session*** _____ Christopher Herrington

14. **Adjournment** _____ Christopher Herrington

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.

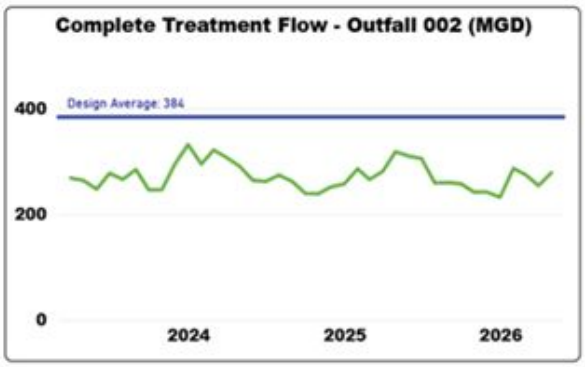
District of Columbia Water and Sewer Authority

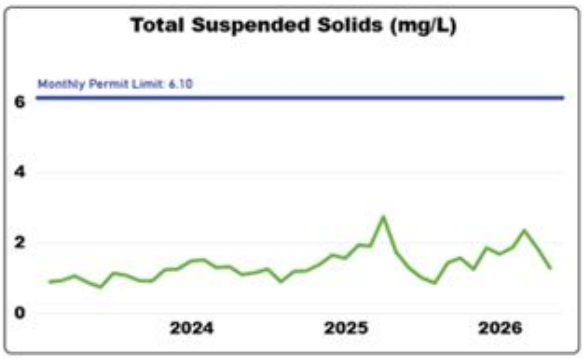
Board of Directors

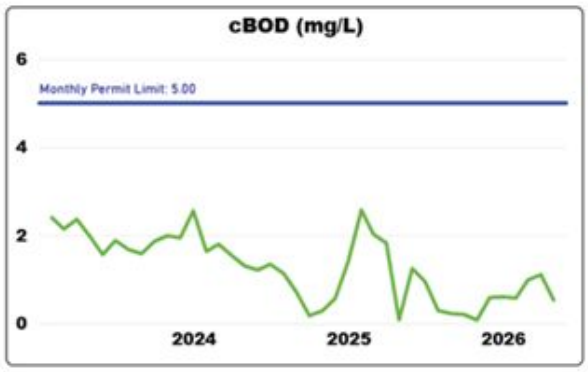
Meeting of the Environmental Quality and Operations Committee – Executive Summary June 18, 2026 / 9:30am

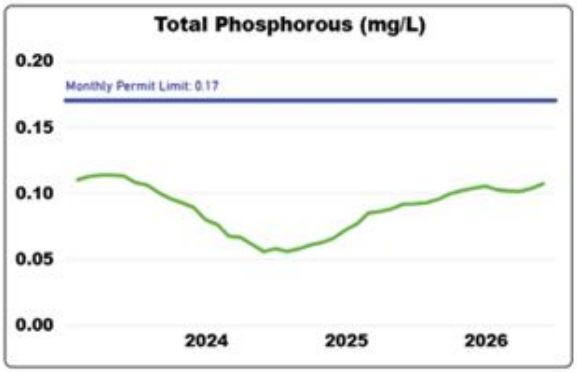
May 2026 Blue Plains Wastewater Treatment Plant Performance

Monthly Average Flow and Permit Parameter Trends



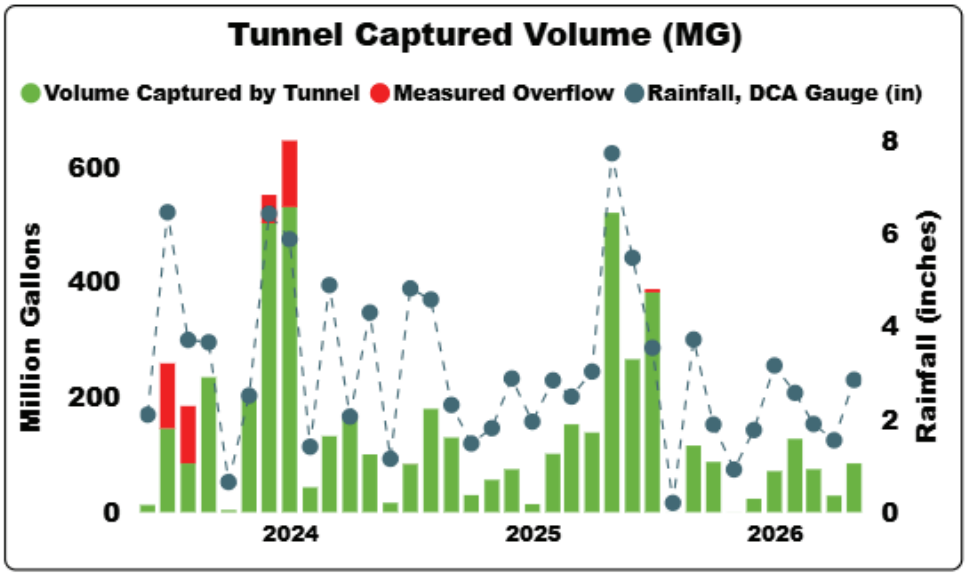






- All weekly and monthly NPDES permit requirements were met
- Average Outfall 002 flow for May 2026: 278 MGD
- Peak Day flow for May 24th at 389 MGD

Anacostia River Tunnel System
Monthly Performance June 2023 – May 2026



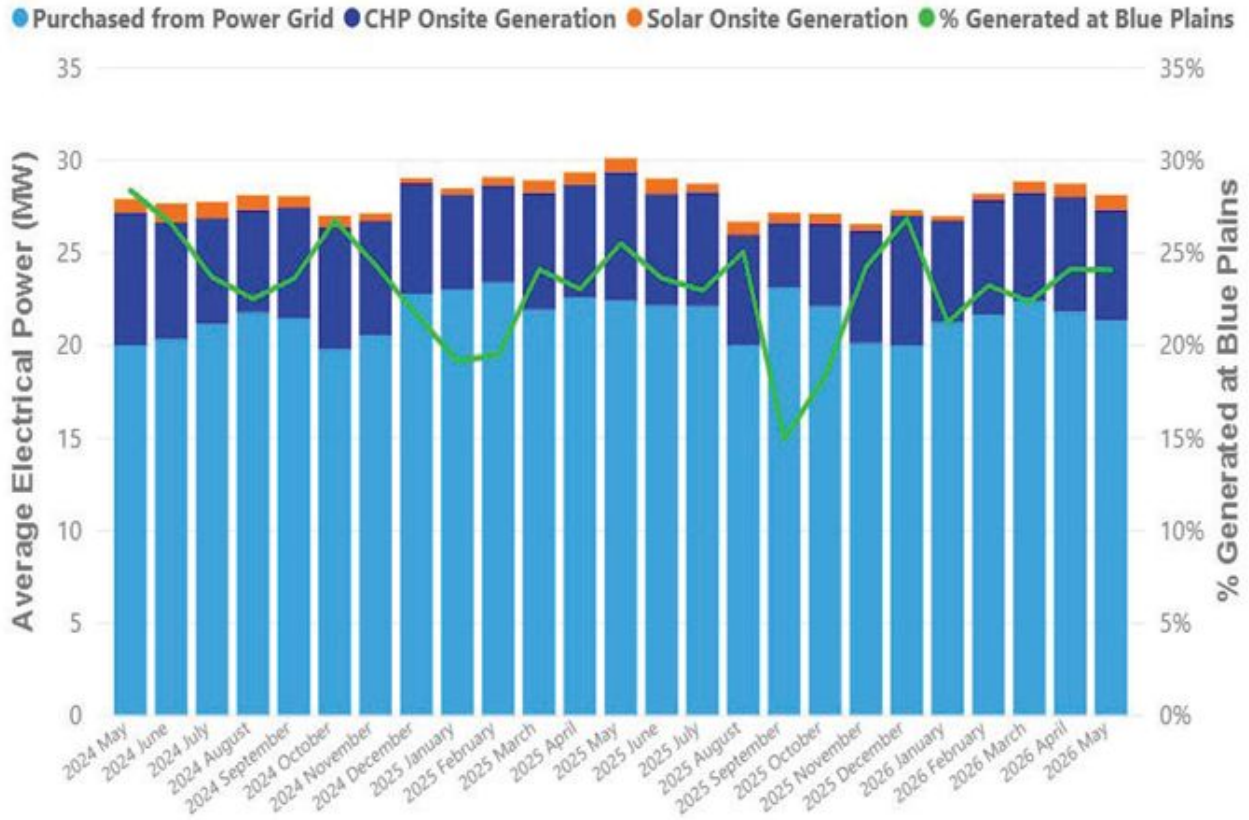
Total Annual System Performance
from Start-Up (2018-2025)

	Anacostia River Tunnel System
Number of events	398
Volume Captured, MG	19,579
Volume to CSO, MG	1,658
Percent Captured, %	92.2

Note: Total System includes Anacostia, Potomac, and Rock Creek
MG ~ Million Gallons
CSO~ Combined Sewer Overflow

1803 MG of volume captured by Anacostia River Tunnel System in Calendar Year 2025, with 5 MG overflow

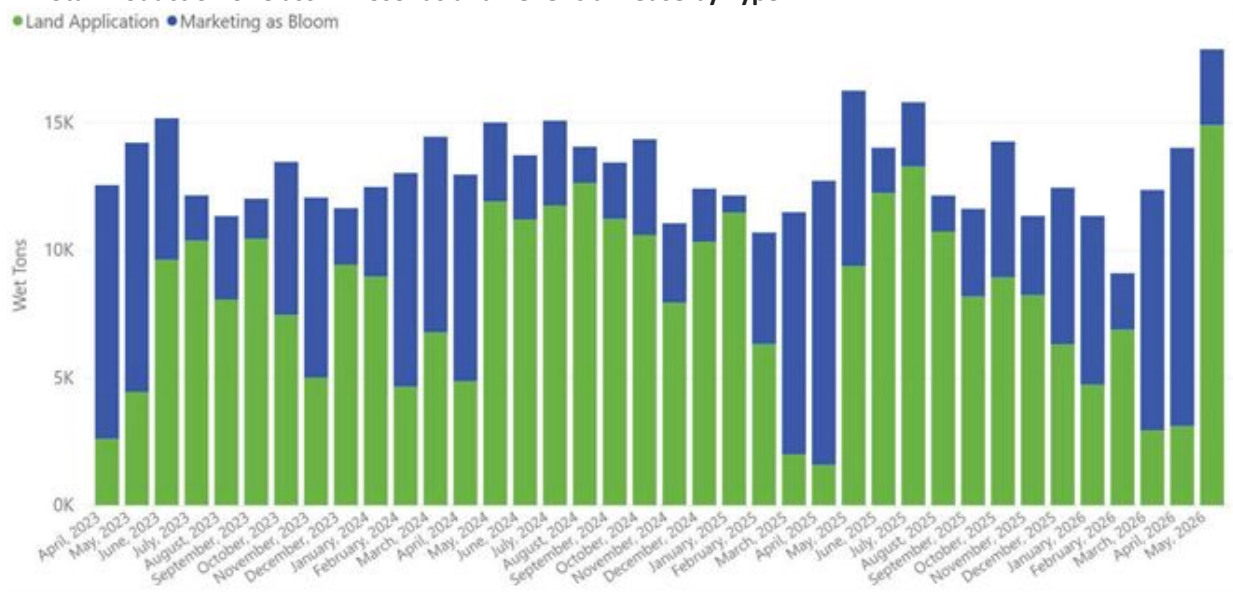
Blue Plains Electrical Energy Use and Generation



- 24% of electricity was generated onsite
- Combined Heat and Power (CHP) facility produced an average of 7.3 megawatts (MW)
- Solar System produced an additional 0.8 MW of power on average
- Total electricity consumption at Blue Plains averaged 28.1 MW with average of 21.3 MW purchased from PEPCO
- Total Purchased Power Savings 1st half FY26: $1,757,234

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

Total Production of Class A Biosolids and Beneficial Reuse by Type



- In May, Blue Drop sold approximately 2,945 tons of Bloom; for a total of 46,555 tons towards the FY26 goal of 62,000 tons.
- Blue Plains Produced 17858 tons of biosolids for the month with the remaining 14,912 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, 2026 / 9:30am

Glossary of Terms used in Collaborative Delivery

The following is a Glossary of terms frequently used in Collaborative and Alternative Delivery. This document serves to promote a common language and understanding of certain words that are sometimes used with different meanings. While industry terminology and usage vary widely we are using the following terms and their accompanying definitions to promote consistency within DC Water.

Alternative Delivery. A synonym for collaborative delivery. Use of the term "alternative" was used more frequently when design build was not common and was therefore a new, or "alternative" way of delivering projects. This term is dated. Use of the phrase "Collaborative Delivery" is preferred.

Best Value. In procurement, best value is the basis of award which combines price, technical, and qualification factors.

Collaborative Delivery. Approaches to procuring and delivering capital projects that involve close collaboration among all stakeholders—specifically the owners, designers, constructors, operators, technology providers, and equipment suppliers. Collaborative delivery methods include construction management at-risk (CMAR), design-build (DB), progressive design-build (PDB) and other less common methods. Collaborative delivery methods differ from the design-bid-build (DBB) method in two important ways: first, construction personnel become involved early in the design process; and second, selection of the collaborative delivery firm is generally based on best value and sometimes solely on qualifications, rather than on the lowest responsible bid.

Construction Management at Risk (CMAR). Collaborative delivery method in which the owner retains an engineering firm and a CMAR firm under two separate contracts—one for design and one for construction. The CMAR firm is generally hired early in design to promote early contractor input during the design phase.

Design-Bid-Build (DBB). Delivery method in which an owner contracts with an engineer to prepare detailed design plans and specifications for a project, then subsequently conducts a public bidding process to select a construction firm to build the project.

Design-Build (DB). Delivery method in which an owner enters into a single contract with a single design-build entity to design, permit, construct, test, and commission a project. This is sometimes referred to as Traditional Design-Build, Fixed-Price Design-Build, or Best-Value Design-Build; these terms all refer to the same delivery method. Within design-build there is a common variation called Progressive Design Build which is different (see definition of Progressive Design Build below).

Early Work Package (EWP). Specific work item that is issued within a Design-Build or CMAR project before the final contract price for the entire project has been reached.

Guaranteed Maximum Price (GMP). A pricing approach used for implementing a CMAR or PDB project may be set in a contract which includes the sum of all reimbursable costs (cost of work), plus a fee for the firm's overhead and profit.

Indefinite Delivery Indefinite Quantity (IDIQ) Contract. A contractual agreement between DC Water and one or more qualified firms that establishes pricing/compensation, general terms and conditions under which the exact times or the exact quantities of future deliveries are not known at the time of contract award.

Infrastructure Rehabilitation & Replacement (IR&R) Contract. A type of IDIQ Contract as defined above. The IR&R Contracts are pre-positioned as a contract resource to address emergency and urgent infrastructure rehabilitation and/or replacement services throughout DC Water's service areas.

Lump Sum. A pricing approach is used for implementing a CMAR or PDB project which may include an open-book process during cost development followed by closed-book implementation for Phase 2 construction. The collaborative delivery firm assumes the risk of completing the project for the lump-sum price agreed upon, except for the potential addition of owner-directed change orders.

Master Service Agreement. A contractual agreement between DC Water and one or more qualified consultants establishes the general terms and conditions under which specific services may be performed over a defined period of time. A Master Service Agreement enables DC Water to select from a pool of pre-qualified consultants. An MSA does not typically authorize work or funding by itself; instead, individual projects or scopes of work are issued through task orders executed under the MSA.

Off-Ramp. Contractually defined option for the owner to use with a CMAR or PDB project that terminates a project prior to agreement on the contract price for Phase 2 construction. The off-ramp may be taken when the owner and the collaborative delivery firm are unable to agree on the price or any other terms.

Open Book. Collaborative approach that the owner and the collaborative delivery firm use in developing costs and pricing during Phase 1 for either a CMAR or PDB project. These cost elements are then used to transparently negotiate the final contract price to construct the project.

Owner Advisor (OA). An individual or firm (third party) with demonstrated skills and expertise in collaborative delivery retained by an owner to provide identified technical, procurement, and management services related to a collaborative delivery aspect of a project. An OA can serve other roles as well, but services as Owner Advisor are unique to collaborative delivery.

Phase 1. During Progressive Design Build, Phase 1 services include preconstruction activities (design, permitting, etc) in support of developing a Phase 2 contract price.

Phase 2. During Progressive Design Build, Phase 2 services include all project activities conducted per the contract price agreement to construct, test, and commission the project. Phase 2 services frequently include additional design, permitting, and other similar engineering services.

Progressive Design-Build (PDB). A collaborative delivery method in which an owner and design-builder deliver a project in two phases. Phase 1 (defined above) includes a project design with open-book cost estimates. Phase 2 includes a price proposal agreement between the owner and design builder and the

construction phase in which the design builder completes the design, construction, commissioning, and acceptance testing.

Qualifications-Based Selection (QBS). A procurement process specifically utilized for securing Architecture and Engineering (A/E) professional services, where competing firms are evaluated and ranked based solely on their technical competence, experience, and qualifications, rather than fee proposals. Price is excluded as an evaluation factor during the initial selection phase; instead, a fair and reasonable fee is negotiated with the top-ranked firm.

Shared Savings. An incentive incorporated into a project contract whereby specified cost savings can be shared between the owner and the collaborative delivery firm.

Spearin Doctrine. Precedent established from multiple court decisions that determines who bears the risks of design defects and differing site conditions related to project construction.

Standard of Care. Recognized basis for the performance of professional services as the ordinary and reasonable care usually exercised by one in that profession, on the same type of project, at the same time, and in the same place, under similar circumstances and conditions. Perfect performance is not required by common law.

Method	Primary reasons to select	Generally well suited when...	Less well suited when ...	Risk allocation
Design Bid Build (DBB)	• Commonly accepted selection is based on low bid with pure price competition • Minimizes scope ambiguity	• Scope is well defined; Owner wants more control of design • Standard work • Schedule allows sequential design and construction • Lower complexity	• Schedule is compressed • Scope is uncertain • Innovation desired • Early contractor input desired • Long lead items delay schedule • Owner wants a single point of accountability	• Design must meet "Standard of Care" • Contractor must construct as shown on plans / specs • Owner carries liability gap
Construction Manager at Risk	• Early contractor input • Early price certainty (set after sufficient design) • More easily procure long lead items	• Owner wants direct contract with designer • Early contractor input desired • Complex phasing, operational, or constructability challenges	• Design is complete before contractor input desired • Schedule requires more overlap of design & construction • Owner wants a single point of accountability	• Similar to DBB • Constructability risk is reduced
Design Build	• Single point of accountability • Max schedule compression • Promotes best value selection • Earliest price certainty	• Scope and performance requirements are well defined • Owner desires innovation • Schedule compression needed	• Scope is uncertain or evolving • Owner wants more design input • First-of-a-kind project with significant unknowns • Some permit/regulatory agencies require full design for approval	• Design risk transfers to Design Builder • Removes liability gap from owner
Progressive Design Build	• Single point of accountability • Schedule compression • Early contractor input • Early price certainty (set after sufficient design) • Easily procure long lead items	• Early contractor input desired • Complex phasing, operational, or constructability challenges • Owner wants to participate in design decisions • Schedule compression is priority	• Owner lacks capacity for collaboration • Scope is already well defined • Some funding limitations • Some permit agencies require full design for approval	• Similar to Design Build • Actively manage balance between risk & price • Possibility of offramp if don't reach agreeable price

Information listed in the table above represents general guidelines, not hard and fast rules. Project constraints for specific projects frequently lead to varied suitability. Lessons learned will inform use of different delivery methods over time.

District of Columbia Water and Sewer Authority

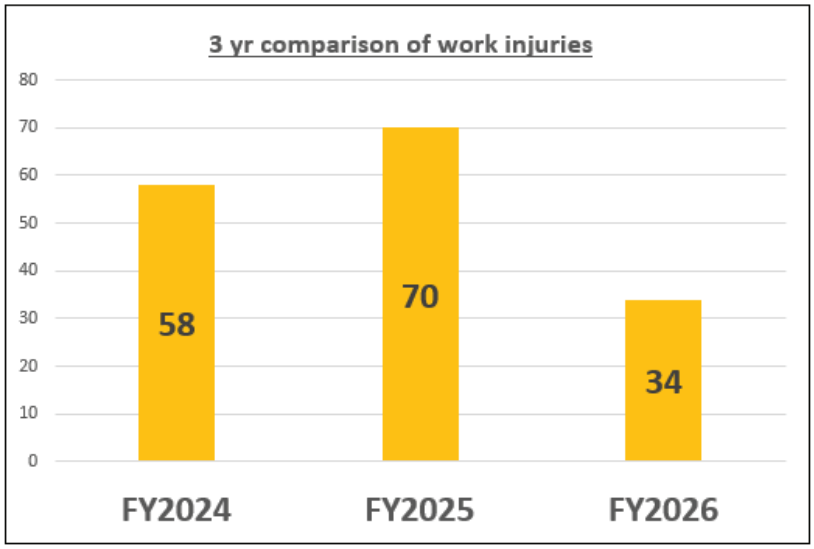
Board of Directors

Meeting of the Environmental Quality and Operations Committee – Executive Summary June 18, 2026 / 9:30am

June 2026 Quarterly Safety Report

This summary briefs the Committee on the injury comparisons on safety performance as measured by OSHA Recordable Incident Rates, for DC Water and Contractors, and outlines the specific safety thresholds that could trigger mandatory actions.

3 Year Total Injury Report



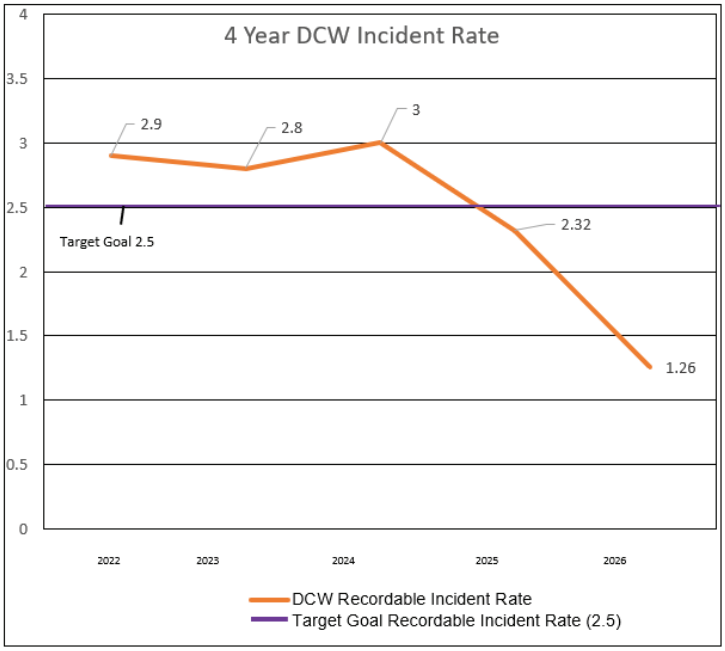
*FY 2026 is from 10/1/25 – 5/31/26

Continual Improvement

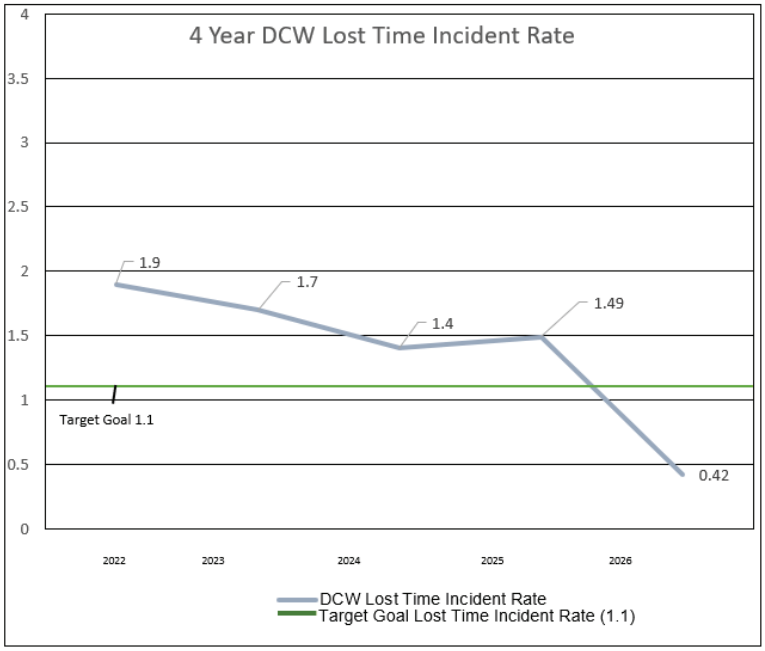
- On track to have less injuries than FY 2025*
- 17 Claims in FY 2026 were “Report Only”

FY 2026 DC Water Incident Rates

Target Goals	
DCW Recordable Incident Rate	<2.5



Target Goals	
DCW Lost Time Incident Rate	<1.1



*(Number of OSHA recordable incidents * 200,000) / Total hours worked

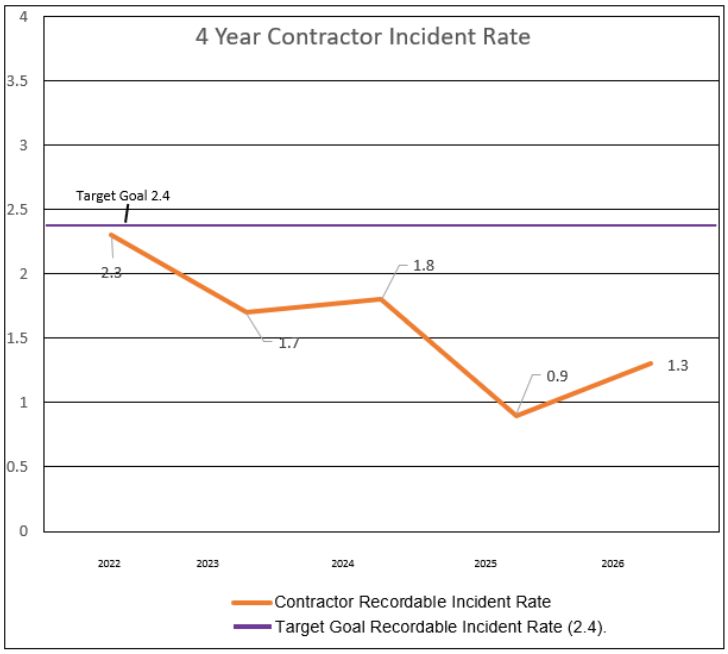
Continual Improvement

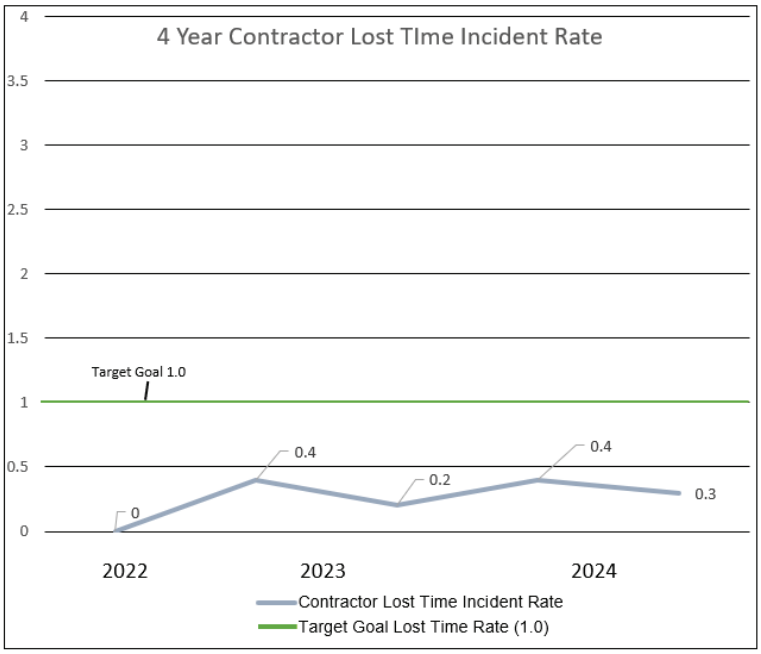
- The RIR is continuing in a positive direction
- The LTI is continuing in a positive direction

FY 2026 Contractor Incident Rates

Target Goals	
DCW Recordable Incident Rate	<2.4

Target Goals	
DCW Lost Time Incident Rate	<1.0





*(Number of OSHA recordable incidents * 200,000) / Total hours worked

Continual Improvement

- Working with ROCIP team to ensure the rate trends back into a positive direction
- The LTI is continuing in a positive direction