



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
Board of Directors**

Meeting of the
Environmental Quality and Operations Committee

**Wednesday, November 20, 2024
9:30 a.m.**

Microsoft Teams meeting
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Meeting ID: 260 049 398 97

Passcode: DQBHL3

Or call in (audio only)

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Phone Conference ID: 424 543 557#

9:30 a.m.	I	Call to Order	Sarah Motsch, Chair
	II	Roll Call	Michelle Rhodd Board Secretary
9:35 a.m.	III	BPAWTP Performance Update	Nicholas Passarelli
9:40 a.m.	IV	CIP Quarterly Report	David Parker Paul Guttridge
10:00 a.m.	V	Clean Rivers Project Status Update	Moussa Wone
10:20 a.m.	VI	Lead Free DC Update	William Elledge
10:40 a.m.	VII	Action Items	David Parker John Pappajohn
		Joint Use	
		1. Contract No. A55500 – Sewer Program Management – Brown & Caldwell	
		2. Contract No. 10496 – Supply and Delivery of Methanol – Colonial Chemical, Inc.	
		3. Contract No. 10497- Supply and Delivery of Methanol – Mitsubishi International Corp.	
		4. Contract No. 10403 – Small Construction Add Funds – Eastern Contractors Corporation	
		5. Contract No. 20-PR-WWT-45A – High Pressure/High Vacuum Cleaning Services – Jet Blast, Inc.	
10:50 a.m.	VIII	Other Business/Emerging Issues	
10:55 a.m.	IX	Executive Session*	
11:00 a.m.	X	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.

Follow-up Items from Prior Meetings:

1. Provide a copy of white paper on the equity analysis benefits and a presentation to the full Board or the opportunity for Board Members to observe a training session on the equity analysis tool and dashboard. **Responses will be provided in January 2025.**

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.



BPAWTP UPDATE



Blue Plains Complete Treatment Performance
Environmental Quality & Operations Committee
November 20, 2024

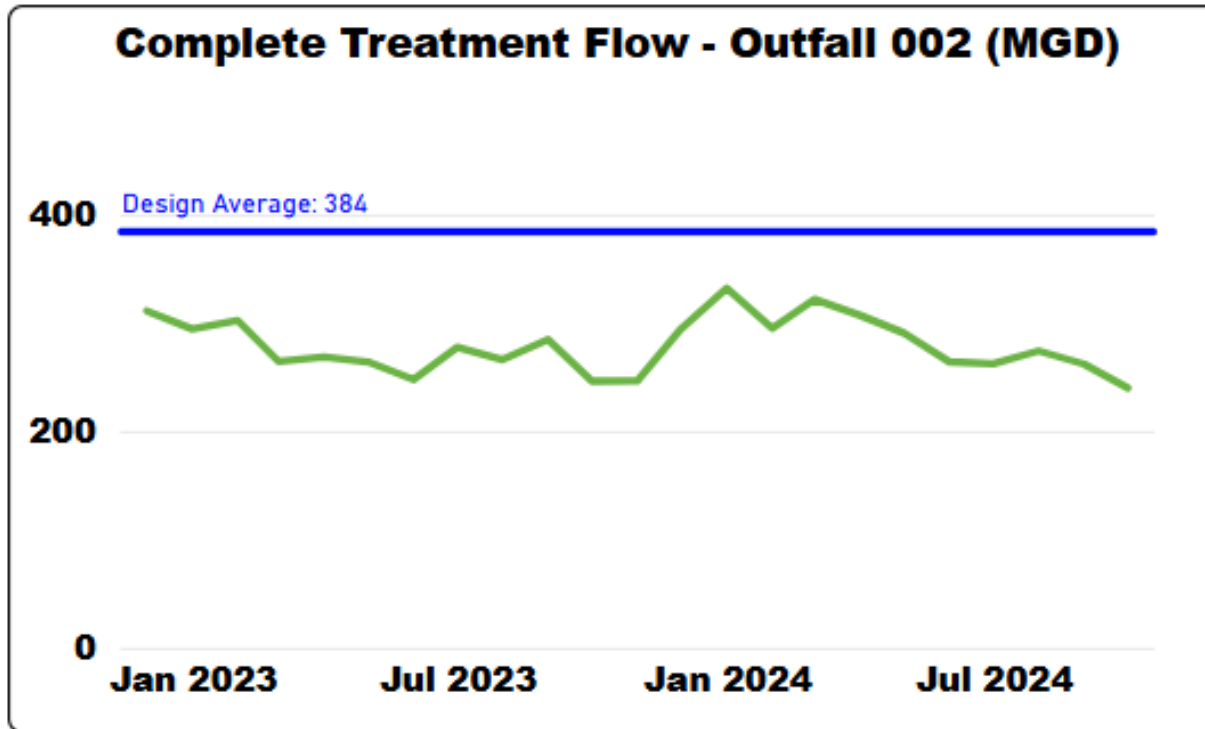


Nicholas Passarelli
Vice President , Wastewater Treatment Operations



Operational Performance Complete Treatment

Monthly Average Flow Trend to Complete Treatment (MGD)



All weekly and monthly NPDES permit requirements were met

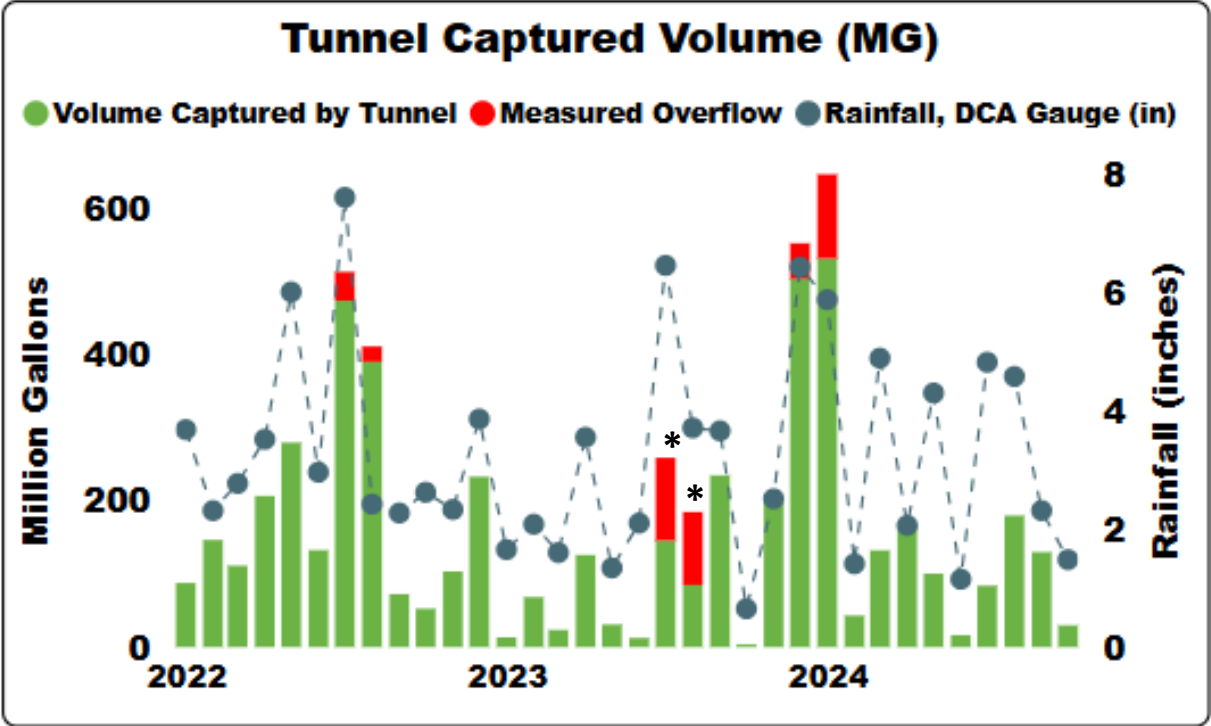
Average Outfall 002 flow for September 240 MGD

Peak Day flow for October 1st at 345 MGD



Operational Performance Tunnel Systems and Wet Weather Treatment

Anacostia River Tunnel System Monthly Performance 2022 – 2024 (Through Oct 2024)



Total Annual System Performance from Start-Up (2018-2023)

	Anacostia River Tunnel System
Number of events	290
Volume Captured, MG	16,229
Volume to CSO, MG	1,538
Percent Captured, %	91.0

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

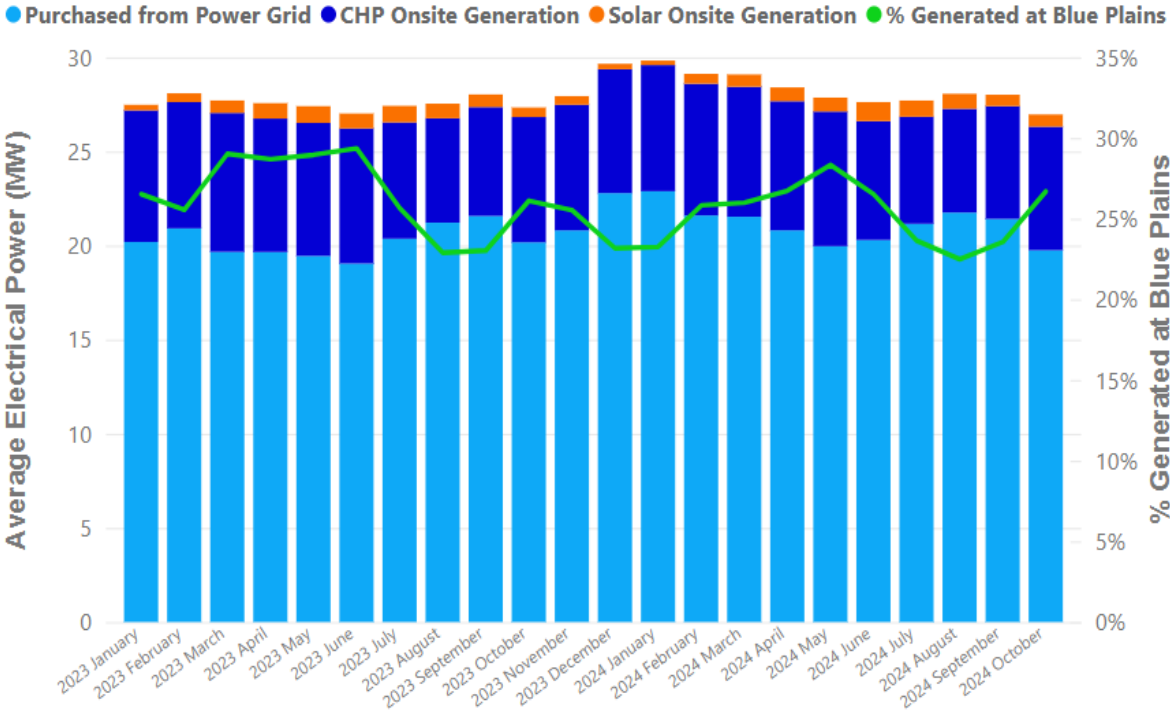
1443 MG of volume captured by Anacostia River Tunnel System in Calendar Year 2023 through December, with 262 MG overflow

* - 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.



Operational Performance Electrical Energy Use and Generation

Blue Plains Electrical Energy Use and Generation



27% of electricity was generated onsite

Combined Heat and Power (CHP) facility produced an average of 7.8 megawatts (MW), with 6.6 MW net to Blue Plains grid

Solar System produced an additional 0.65 MW of power on average

Total electricity consumption at Blue Plains averaged 27.0 MW

DC Water purchased an average of 19.8 MW of electricity from PEPCO

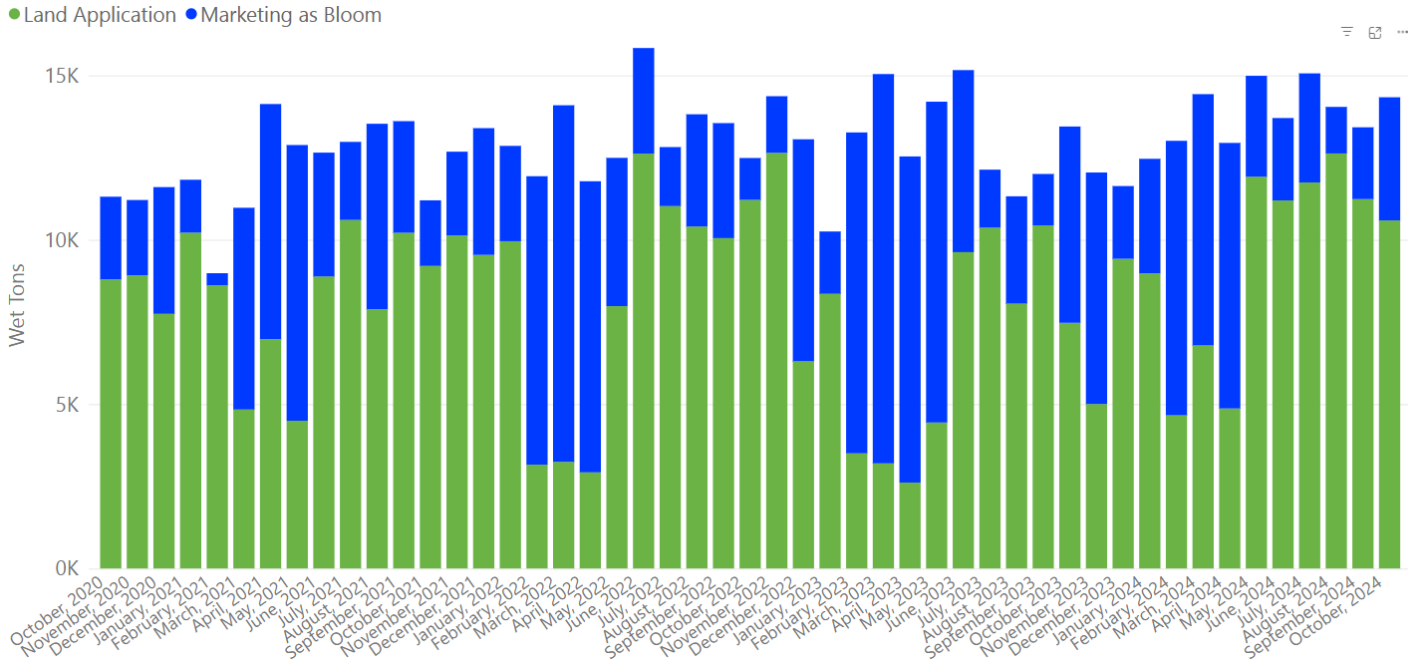
Total Purchased Power Savings FY24 through August 2024: **\$4,555,300**

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



Operational Performance Class A Biosolids Production

Total Production of Class A Biosolids and Beneficial Reuse by Type



In September, Blue Drop sold approximately 3,748 tons of Bloom; for a total of 3,748 tons towards the FY25 goal of 70,000 tons.

Blue Plains Produced 14,334 tons of biosolids for the month with the remaining 10,586 tons managed through land application contracts.



CIP Quarterly Update



CIP Quarterly Update

Environmental Quality & Operations Committee

November 20, 2024

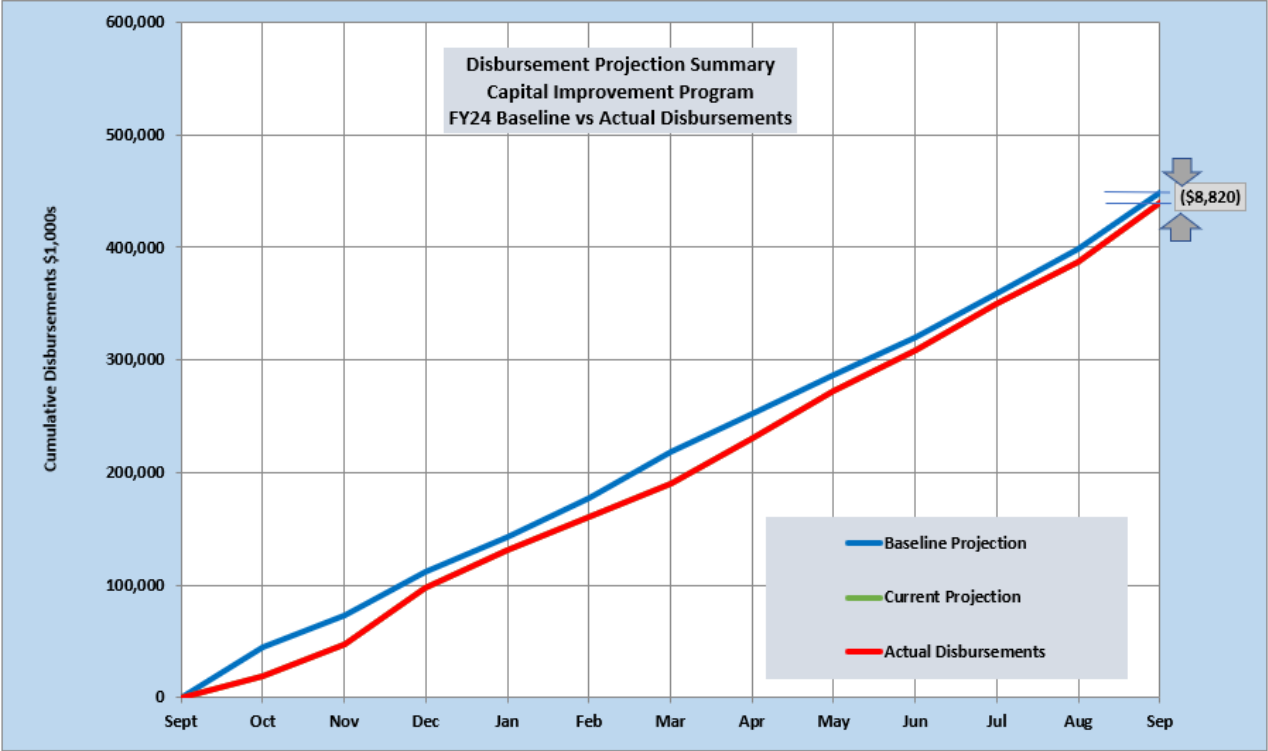


David Parker, PE, Vice President, Engineering
Paul Guttridge, Director CIP Infrastructure Management

dc CIP Quarterly Update

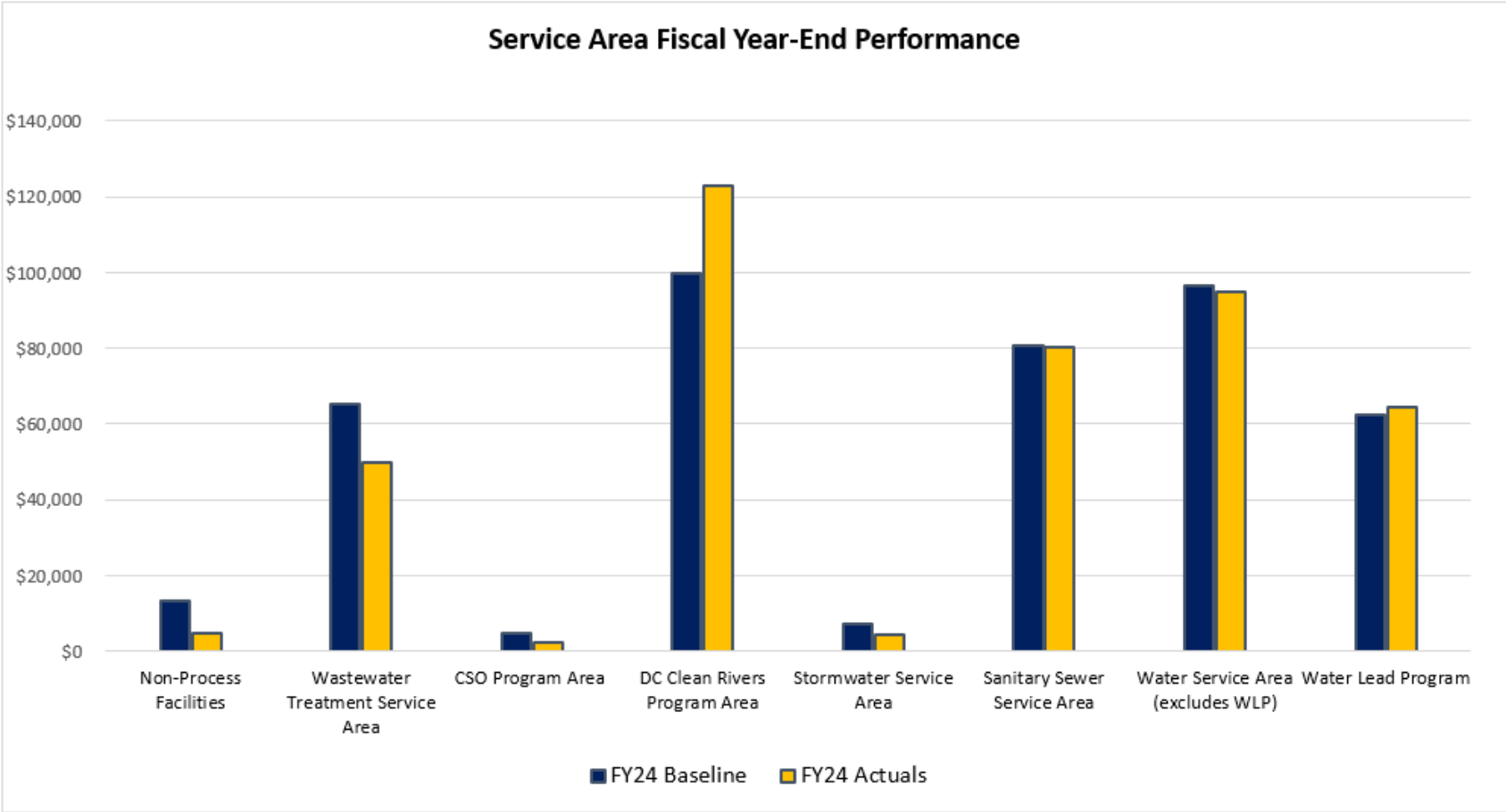
FY24 CIP Disbursement Performance

- The Baseline projection for FY24 was developed to better align with the anticipated execution of the planned work. Total Baseline budget was \$448.6M
- The actual total program disbursements through the end of FY24 compared with baseline budget are shown in the chart (right).
- The fiscal year 2024 spending was \$439.8M, 98% of the overall target.





FY24 Performance by Service Area





Schedule - Key Performance Indicators (KPIs)

Summary of FY24 Key Performance Indicators:

	Performance
36	Total KPIs due this year
18	KPIs completed within threshold
18	KPIs outside threshold (>90 days)

KPIs achieved within the 90-day threshold:

Job	Job Name	KPI type	Due Date (Baseline)	Actual Completion
I302	Biosolids Curing Pad and Solar PV	Construction Start	01-Jun-24	01-Jun-24
EK02	Long Term Rehabilitation - Main Pump Station - Ph. 2	Design Start	28-July-24	01-Apr-24
BC01	Headworks Influent Structures - RWWPS1	Construction Start	08-July-24	19-July-24
OE01	FY15 - Plantwide Storm Drainage Improvements	Construction Start	28-Apr-24	26-Aug-24
CZ01	PRT Contract B - Potomac Tunnel Segment	Construction Start	9-Nov-23	9-Nov-23
GH01	Service Life Restoration Program (SLRP) 2	Construction Start	15-Mar-24	15-Mar-24
I801	Large Valve Replacements 11R	Substantial Comp.	30-Sep-24	10-Jan-24



Schedule - Key Performance Indicators (KPIs)

Q3 KPIs achieved within the 90-day threshold (continued):

Job	Job Name	KPI type	Due Date (Baseline)	Actual Completion
OB01	Inflatable Dams Replacement	Design Start	19-Feb-24	11-Mar-24
JX01	Sanitary Sewer Rehabilitation 10	Construction Start	25-Jul-24	19-Sep-24
I701	Primary Treatment - 20 year Rebuild	Design Start	08-Apr-24	24-Jul-24
OR01	Ft. Reno Pump Station Upgrades - Phase II - Pump and Motor Replacements	Design Start	29-Feb-24	9-Jan-24
HX03	SDWM Renewal 16C	Construction Start	16-Jan-24	01-May-24
RC07	Major Sewer Rehab 1-5 Northeast Boundary	Construction Start	18-Oct-23	18-Oct-23
JZ04	Critical Valve Replacement Year 2	Design Start	02-Feb-24	17-Jan-24
JZ06	Critical Valve Replacement Year 2	Design Start	02-Feb-24	02-Feb-24
DZ05	RC-B Rock Creek GI Project B	Substantial Comp.	20-Oct-23	20-Oct-23
KH03	SDWM Renewal 21C	Design Start	1-Mar-24	Jan-21-24
RJ01	Creekbed Sewer Rehabilitation Rock Creek Sherill Drive & Beach Drive	Design Start	31-Jan-24	11-Dec-23



FY24 Accomplishments



FY2024 Accomplishments: Department of Wastewater Engineering

- Over **30** planning studies were completed in FY24
- Over **54** task orders executed under MFU contracts
- **Notice to Proceed (NTP)** Issued for –
 - Headworks Influent and Effluent Structures Rehabilitation (Construction)
 - Primary 20-year Upgrades (Design)
 - COF/IT Electrical Systems Upgrade (Construction – MFU 8)
 - Biosolids Curing Pad and Solar PV (Construction – MFU 8)
 - Plantwide Storm drain Improvements (Construction – MFU 8)
 - Partial Denitrification/Anamox (PdNA) Pilot (Construction – MFU 8)
- **Construction Procurement** for Additional Pre-Dewatering Centrifuges (Construction – MFU 8)
- **Construction solicitation** for
 - Floodwall A, B, and D. FEMA grant letter for Phase I work received for \$20M grant funding.
 - Blue Plains \$400M CMAR portfolios
- **Contract award** for Process Facilities Program Manager (PFPM) for Blue Plains and Pumping Stations





FY2024 Accomplishments: Sewer

• **Completed Inspection and Assessment :**

- ✓ > 40 miles of local (>12-in, <60-in) sewers
- ✓ > 19 miles of very large diameter sewers
- ✓ 33 miles of external inspection of sewers in creeks
- ✓ 7 post-rainfall inspection
- ✓ Inspected 68 stormwater MS4 outfalls

• **Completed Reports & Studies:**

- ✓ 7 Concept Design Reports and scope for collaborative delivery contracts
- ✓ 3 Standard Operating Plans & 2 Sewer Emergency Containment Plans
- ✓ Sewer Linear Facilities Plan & Storm System Sewer Needs (Draft)
- ✓ Sewer Operation’s hotlist root cause analysis
- ✓ MJUF Toolkit User Guidelines
- ✓ FY24 Creek bed and MS4 Outfall Annual Program Update

• **Completed Design :**

- ✓ Spring Place Water Main and Sewer Rehabilitation
- ✓ Service Life Restoration Program 05 (SLRP 05)
- ✓ QS03 Local Sewer Rehab Project 5-3

• **Issued Construction NTP :**

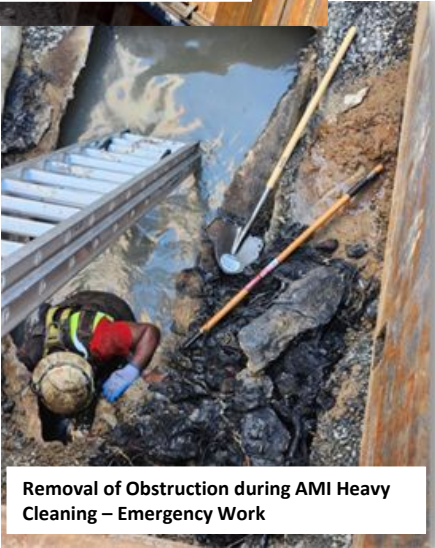
- ✓ Normanstone Sewer Rehabilitation
- ✓ Service Life Restoration Program 02 (SLRP 02)
- ✓ JX01 Sanitary Sewer Rehabilitation 10
- ✓ Northeast Boundary Trunk Sewer

• **Provided support to ongoing emergency responses:**

- ✓ East and West Outfall Relief Sewers (EWORS)
- ✓ Anacostia Main Interceptor
- ✓ Northeast and Northwest Boundary Trunk Sewers
- ✓ 22nd and Q St
- ✓ 14th Street and K St
- ✓ Upper Potomac Interceptor



Bypass Channel for EWORS Emergency Work



Removal of Obstruction during AMI Heavy Cleaning – Emergency Work



FY2024 Accomplishments: Water

- Completed inspection and condition assessment of about 3 miles of 16-inch water main, Bryant St Pumping Station, 16th and Alaska Pumping Station, and Brentwood Reservoir
- Prepared Concept Design Reports and developed scope for 14 water projects to move to bundled collaborative delivery.
- Completed Water Storage Reservoir Facilities Plan and Water Pumping Station Facilities Plan.
- Updated Cross Connection Control Manual Update, and prepared tech memos such as: Short Term Water Supply Resiliency Improvement Study, National Emergency Response Perspectives, Analysis of Replacement vs. Cured In Place Pipe Options for Small Diameter Water Main, Evaluation of the 20-inch PCCP Oxon Run Train SE Water Main.
- Prepared Water Pumping Station O&M Manual and 11 Standard Operation Procedures for Water Operations
- Almost 100 Third-Party agencies design submittals were received and reviewed for potential participation. DC Water is expected to participate in 4 DDOT projects.



Transition to Collaborative Delivery



WASTEWATER - CMAR PORTFOLIO A

*Filter Underdrain and Backwash System Upgrades
Miscellaneous Upgrades to Filtration Facility*



CMAR Portfolio A Filter Underdrain and Backwash System Upgrades



Objective and Project Description: The work for the upgrade of portions of the Filtration and Disinfection Facility (FADF) that will be implemented as part of the Filter Underdrain and Backwash System Upgrades contract includes:

- Concrete and expansion joint repairs for the filter walls and floor, gullet walls and the flume channels and conduits
- Replacement of the walkway between Filters 18S and 20N
- Washwater trough anchor repairs
- Cleaning of the filtered water conduits to remove any filter media before construction
- Cleaning of the filtered water conduits and disinfection tanks after construction is completed
- Filter Underdrain system, which includes the underdrain, support gravel (if required), media, and air scour system, all of which are contained in the filter cell
- Washwater system, including pumps, control valves, isolation valves, air relief valves, and pressure relief system
- Air scour distribution system, including blowers, blower discharge valves, and the G & H air isolation valves (air shut-off valves for the north and south half of each filter, respectively).

LOCATION: Filtration and Disinfection Facility (FADF)



CMAR Portfolio A Miscellaneous Upgrades to Filtration Facility

Objective and Project Description:

- Filter influent (A) valves and Filter drain (B) valves
- Washwater systems components including C and D valves and air/vacuum release valves
- Spent washwater pumps, motors and VS drives
- I/C provided under FADU Phase 2 contract and instruments to support updated PCS
- PCS upgrade to an updated system
- Architectural – windows, doors, roofs, stairways
- Structural – concrete resurfacing of the filter influent channels, filtered water conduits, spent washwater conduits and disinfection tanks
- HVAC, plumbing, sump pumps, gallery crane
- Miscellaneous Electrical

LOCATION: Filtration and Disinfection Facility (FADF)





WASTEWATER CMAR PORTFOLIO B

*Headworks Electrical Upgrades
Primary Treatment 20 Year Upgrades*



CMAR Portfolio B Headworks Electrical Upgrades



Objective and Project Description:

- Control panels – evaluate options for reduced exposure to hydrogen sulfide gas through gas purging systems, panel relocations, environmentally clean room, explosion proof panels, and intrinsically safe panel components.
- Combustible gas monitoring – sensors and alarms, identify and evaluate safety needs and regulatory requirements
- Control wiring replacements in Primary Headhouses
- LED lighting fixtures
- Upgrades to unit substations
- Motor Control Centers
- Lightning protection upgrades
- Process Control System (PCS) upgrades
- Camera replacements
- PLC replacements with PCS
- Motor operated valves – actuator replacements
- Headworks ventilation controls, LEL relocations, and PCS interface

LOCATION: Headworks – E&W Grit and Screenings



CMAR Portfolio B Primary Treatment 20 Year Upgrades

Objective and Project Description:

- Primary clarifying upgrades
- Primary sludge upgrades
 - Primary sludge pumps, pump seal water system, corroded piping/valves, and corroded pipe supports
- Primary scum upgrades
 - Primary scum pumps, corroded piping/valves, corroded pipe supports, and davit cranes
- Process service water upgrades
- Corroded piping and valves
- Chemical (polymer and ferric chloride) upgrades
- Civil upgrades
- Architectural/Life Safety upgrades
- Structural upgrades
 - Corroded structural steel, concrete resurfacing, crack repairs, and spall repairs
- HVAC upgrades
- Plumbing upgrades
- Instrumentation/Controls upgrades
 - Instruments, transmitters and process controls system cabinets
- Electrical upgrades
 - Motor control centers, variable frequency drives, conduit and wire, and light fixtures
- Telecomm upgrades
 - fire alarms and plantwide alarms

LOCATION: East & West Primary





Water Linear Progressive Design Build Contract – Portfolio Approach

Portfolio Contracting Approach (>\$134 M Contract)

- Reduce administrative burden
- Attract top tier contractors



PROJECT NO.	JOB NAME(S)	BUDGET
1	Critical Valve Replacement 3	\$10M
2	16-inch CI Reservoir Rd	\$29M
3	16-Inch CI Rock Creek Park	\$11.5M
4	LDWM Replacement 8	\$49M
5	WSSC Interconnection Project	\$8M
6	4th High Reno WSSC Interconnection	\$6.5M
7	WSSC Interconnections Improvements - Phase II	\$6.5M
8	Fourth High Booster Pumps	\$13M



Rehabilitation of the AMI and AFM

Delivery Method

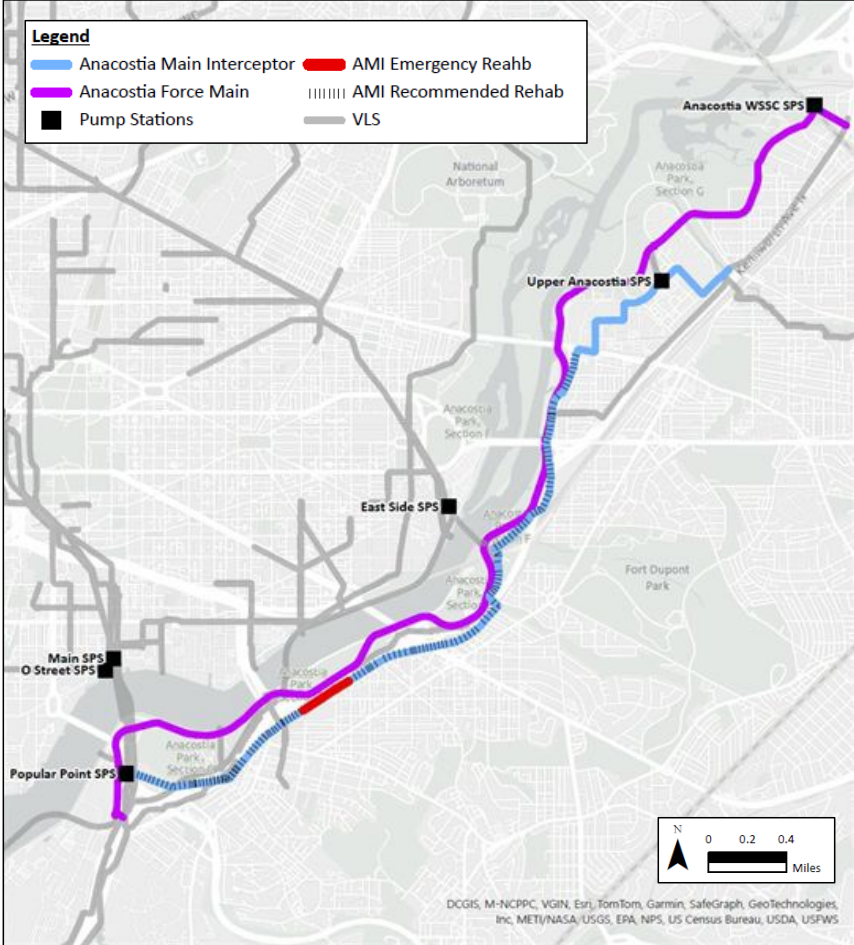
Progressive Design Build (PDB)

Current budget allocation

\$209 million (\$167 million construction)

Description

The AMI (constructed 1910s) is at high risk of failure due to known point and continuous structural and corrosion defects. The AFM (1970s) is assumed to also have significant defects, and the Design-Builder will be responsible for condition assessment prior in advance of final design. Project includes rehabilitation of ~ 53,000 LF of concrete, reinforced concrete (RCP), brick, and prestressed concrete cylinder pipe (PCCP) pipe with diameters ranging from 24–120”.





Rehabilitation of EWOS, EWORS, and NIBS/SIBS

Delivery Method

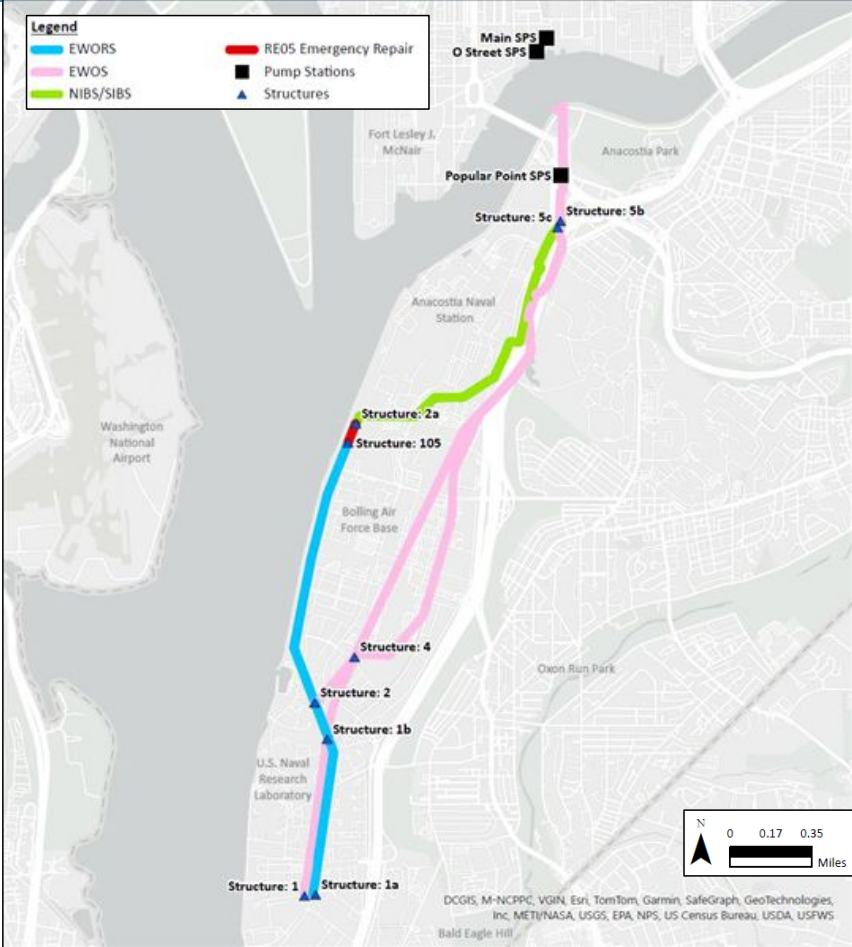
Progressive Design Build (PDB)

Current budget allocation

\$326 million (\$255 million construction)

Description

EWOS (constructed 1905, 1940), EWORS (1968), and NIBS/SIBS (1980) are all at high risk of failure due to known structural defects and severe corrosion. Project will rehabilitate the full extents of these sewers including ~74,000LF of concrete and reinforced concrete pipe (RCP) with diameters ranging from 48–165". Completion of this project will improve the reliability of DC Water’s infrastructure and decrease future maintenance costs.





Master Service Agreements - Task Order Reporting

Master Service Agreements

Issuance of MSAs allow early engagement with suppliers, for materials planning and risk mitigation, and allows the qualified contractors to compete thru concise **Task Order** bidding and award process reducing lead times.

Summary

MSA #	Agreement Title	Approved Contractors
210080	Miscellaneous Facilities Upgrades (MFU) Contract 8 Master Service Agreement	4
230020	SDWM Master Service Agreement	7
230030	Lead Free DC Master Service Agreement	8

Master Service Agreements Summary





Task Order Reporting Miscellaneous Facilities Upgrades (MFU) Contract 8

MFU Master Service Agreement:

There are **4 Contractors** in the MFU8 MSA with a **\$160M limit**

Task Order Number	Company Name	Task Order Amount	Executed Date
210080A - MFU 8 MSA Contract for Allan Myers			
TO-0041	Main Substation Yard Improvements	550,000.00	04/30/2024
TO-0048	TO 0048 9th & D Street PS Bypass Pumping Work AM	240,000.00	07/09/2024
TO-0045	Pre-Con 26th & K St. PS and Scott Circle PS	1,611,018.40	06/18/2024
TO-0033	TO 0045 Pre-Con 26th&K St. PS & Scott Circle PS AM	1,000,000.00	03/12/2024
TO-0019	TO 0019 West Primary Scum-PSW Replacment AM	2,200,000.00	10/25/2023
TO-0014	TO 0014 SHR CAV/SHR Short Term Leak Repair	475,000.00	10/11/2023
TO-0038	E&W Secondary Harmonic Correction Units	1,400,000.00	04/09/2024
TO-0025	TO25-Biosolids Curing Pad & Solar PV	10,650,000.00	06/01/2024
TO-0055	RNG Pad Effort in Biosolid Curing Area	1,278,257.00	11/01/24
Subtotal		19,404,275.40	
210080B - MFU 8 MSA Contract for ACE (American Contracting Envir. Services)			
TO-0036	PSL-PSW-PSC Piping Replacement	1,800,000.00	04/03/2024
TO-0051	Solids Compressed Air Interconnections	300,000.00	07/03/2024
TO-0049	Supplemental VFD Cooling for Potomac PS	300,000.00	06/27/2024
TO-0028	Cakebin Conveyor - Cakebin #4	300,000.00	02/12/2024
TO-0046	Pre-Con Inflatable Dams Replacement	99,660.00	06/27/2024
TO-0039	PDNA Pilot Demonstration	2,093,505.00	06/10/2024
TO-0021	TO-0021 DSLF Safety Repairs	10,525.00	12/03/2023
TO-0037	3rd & Va Avenue PS Framing Replacement	200,000.00	04/03/2024
TO-0043	Steam Pipe and Steam Pipe Replacement	350,000.00	07/15/2024
TO-0035	Asphalt & Conc Paving N/S Rd and CMF parking lot	1,400,000.00	03/01/2024
TO-0054	Thomas Circle PS ladder Placement	30,000.00	10/23/2024
TO-0049	Supplemental VFD Cooling for Potomac PS	300,000.00	06/27/2024
TO-0052	COF Electrical Upgrade	14,682,064.00	09/04/2024
Subtotal		21,565,754.00	



Miscellaneous Facilities Upgrades (MFU) Contract 8 (cont)

Task Order Reporting

MFU Master Service Agreement:

There are **4 Contractors** in the MFU8 MSA with a **\$160M limit**

Task Order Number	Company Name	Task Order Amount	Executed Date
210080C - MFU 8 MSA Contract for USC			
TO-0012	TO 0012 Nit PSW Pipe Replacement	1,000,000.00	09/20/2023
TO-0023	Denit Mixer Feeder Replacement	409,713.00	02/14/2024
TO-0053	Emergency Caustic System	2,315,000.00	09/04/2024
TO-0032	Guardrail Work at O Street PS	250,000.00	03/28/2024
TO-0034	Asphalt & Conc. Paving Blue Plains E. Primary Rd	1,300,000.00	03/03/2024
TO-0042	O Street Magmeter PS Replacement	45,000.00	04/26/2024
TO-0044	FIPS Wall Retrofit	750,000.00	05/14/2024
TO-0047	RSL Pipe Support Replacement	71,000.00	06/09/2024
TO-0050	Plantwide Storm Drainage Improvements	4,443,000.00	07/09/2024
TO-0029	48inch Check Valve Replacement at Bryant Street PS	1,500,000.00	02/29/2024
TO-0023	TO 0023 Denit Mixer Feeder Replacement	627,445.00	06/07/2024
	Subtotal	12,711,258.00	
210080D - MFU 8 MSA Contract for WM Schlosser			
TO-0009	TO 0009 Digester Roof Repairs	1,000,000.00	10/02/2023
TO-0020	TO 0020 O St. Loading Dock Access Ramp	175,000.00	12/10/2023
TO-0010	TO 0010 Potomac PS VFD Replacement (Pmps 1,2,3)	2,500,000.00	10/05/2023
TO-0040	TO-0040 Seal Water Modifications	450,000.00	04/02/2024
	Subtotal	4,125,000.00	
	Total	57,806,187.04	



Task Order Reporting Lead Free DC & SDWM Master Service Agreements (MSA)

Master Service Agreements

The are **8 Contractors** in the **Lead-Free DC MSA** with a **\$450M limit**,

The are **7 Contractors** in the **SDWM MSA**, with a **\$120M limit**

Contract/ Task Number	Contract/ Task Name	Company Name	Amount	Contract/ Task Executed Date
Lead Free DC Master Service Agreement				
230030.01	LSLR Program Construction Package 7	Capitol Paving of DC, Inc.	9,292,335	07/25/2023
230030.02	LSLR Program Construction Package 8	Ft. Myer Construction Corporation	9,067,565	07/25/2023
230030.03	LSLR Program Construction Package 9	Anchor Construction Corporation	1,995,008	07/25/2023
230030.04	LSLR Program Construction Package 10	The Ford Design Group	1,165,315	07/27/2023
230030.09	LSLR Program Construction Package 15	Capitol Paving of DC, Inc.	43,746,263	02/15/2024
230030.10	LSLR Program Construction Package 16	Spiniello Companies	33,823,445	03/06/2024
230030.11	LSLR Construction Package 18	Murphy Pipeline Contractors, LLC	53,457,614	08/21/2024
230030.12	LSLS Program Construction Package 19	Murphy Pipeline Contractors, LLC	53,148,814	09/18/2024
			205,696,360	
SDWM Master Service Agreement				
230020.01	SDWMR - Phase 16B	Ft. Myer Construction Corporation	15,932,953	06/09/2023
230020.02	SDWMR Replacement 16C	Sagres Construction Corporation	19,947,000	11/27/2023
			35,879,953	



Clean Rivers Project Status Update



DC Cleans Rivers Project Quarterly Update

Environmental Quality & Operations Committee

November 20, 2024



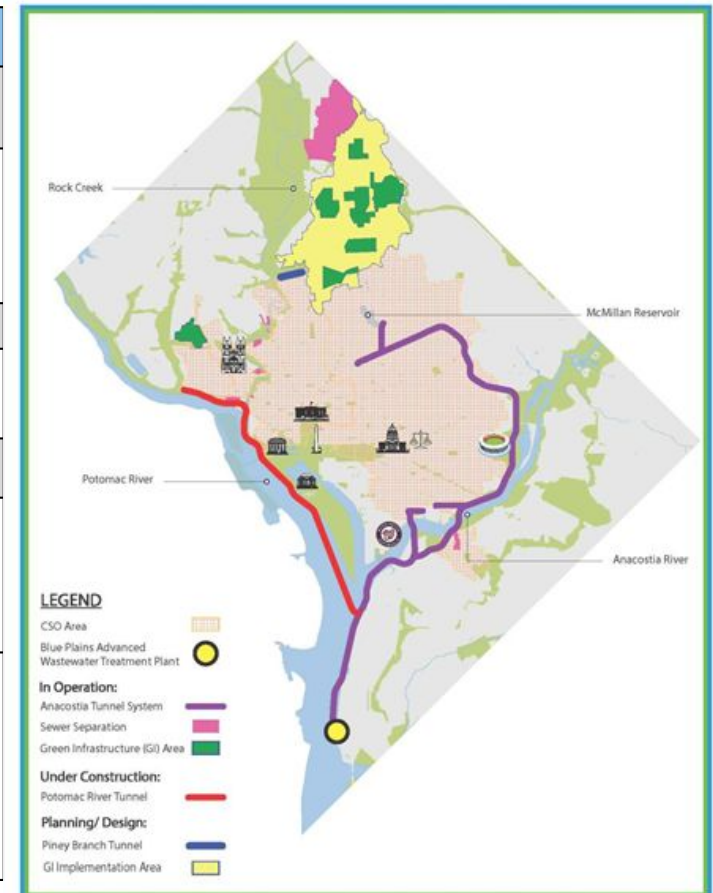
Moussa Wone, Vice President, DC Clean Rivers Project



DC Clean Rivers Project Snapshot

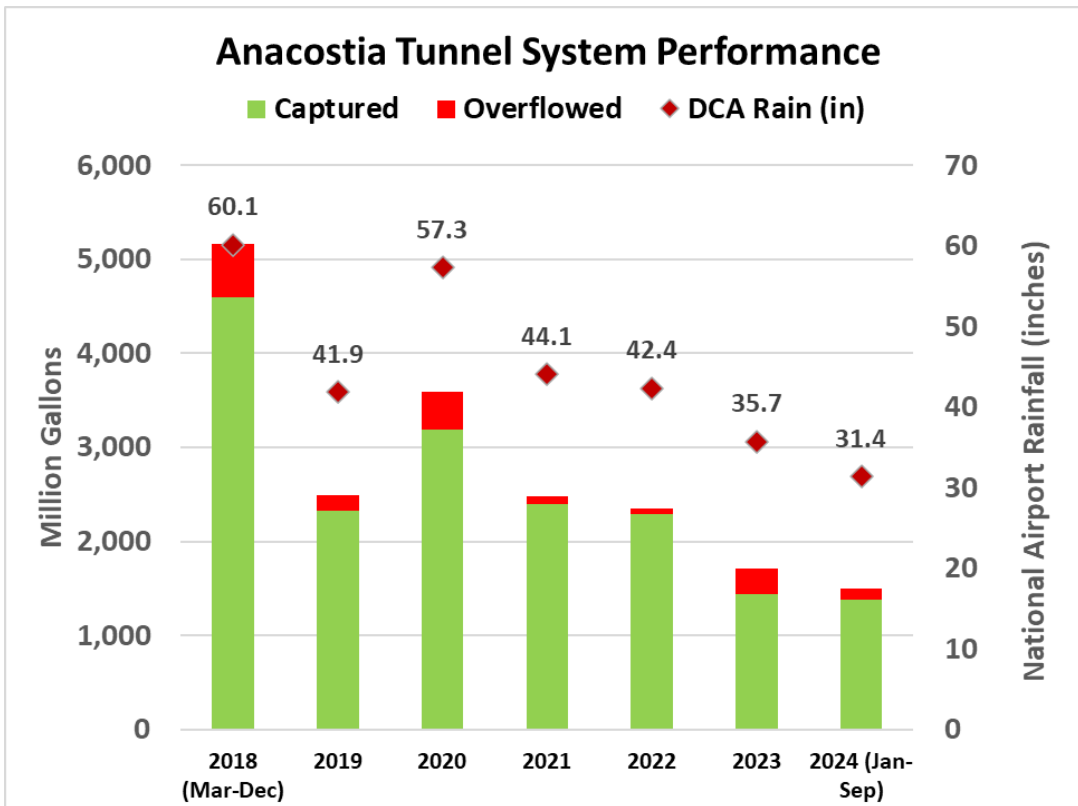


Area	Status
Anacostia River CSO Controls	
Anacostia Tunnel System	<ul style="list-style-type: none"> As of September 2024, more than 17.6 billion gallons of CSOs and 11,240 tons of trash captured 99% of restoration complete <ul style="list-style-type: none"> R Street Signalization & full depth pavement remaining
Potomac River CSO Controls	
Potomac River Tunnel Construction	<ul style="list-style-type: none"> Design-builder has mobilized to West Potomac Park, is constructing the main mining shaft and has relocated Ohio Drive
Rock Creek CSO Controls	
Green Infrastructure Project C	<ul style="list-style-type: none"> Pre-Construction Services Notice to Proceed (NTP) - September 27, 2024 Guaranteed Maximum Price (GMP) negotiations to begin November 15 and end December 12, 2024
Piney Branch Tunnel	<ul style="list-style-type: none"> Environmental Assessment (EA) released for Public Comment on October 15, 2024 Clark Construction Group, LLC was selected as Construction Manager at Risk (CMAR) Phase 1 Pre-Construction Services contract NTP issued on November 12, 2024





Anacostia Tunnel System Performance



- Over **17.6 billion gallons of CSOs** captured Mar 2018 – Sept 2024
- Over **11,240 tons of trash**, debris, and other solids captured
- Exceeding predicted capture rate (91%>80%)

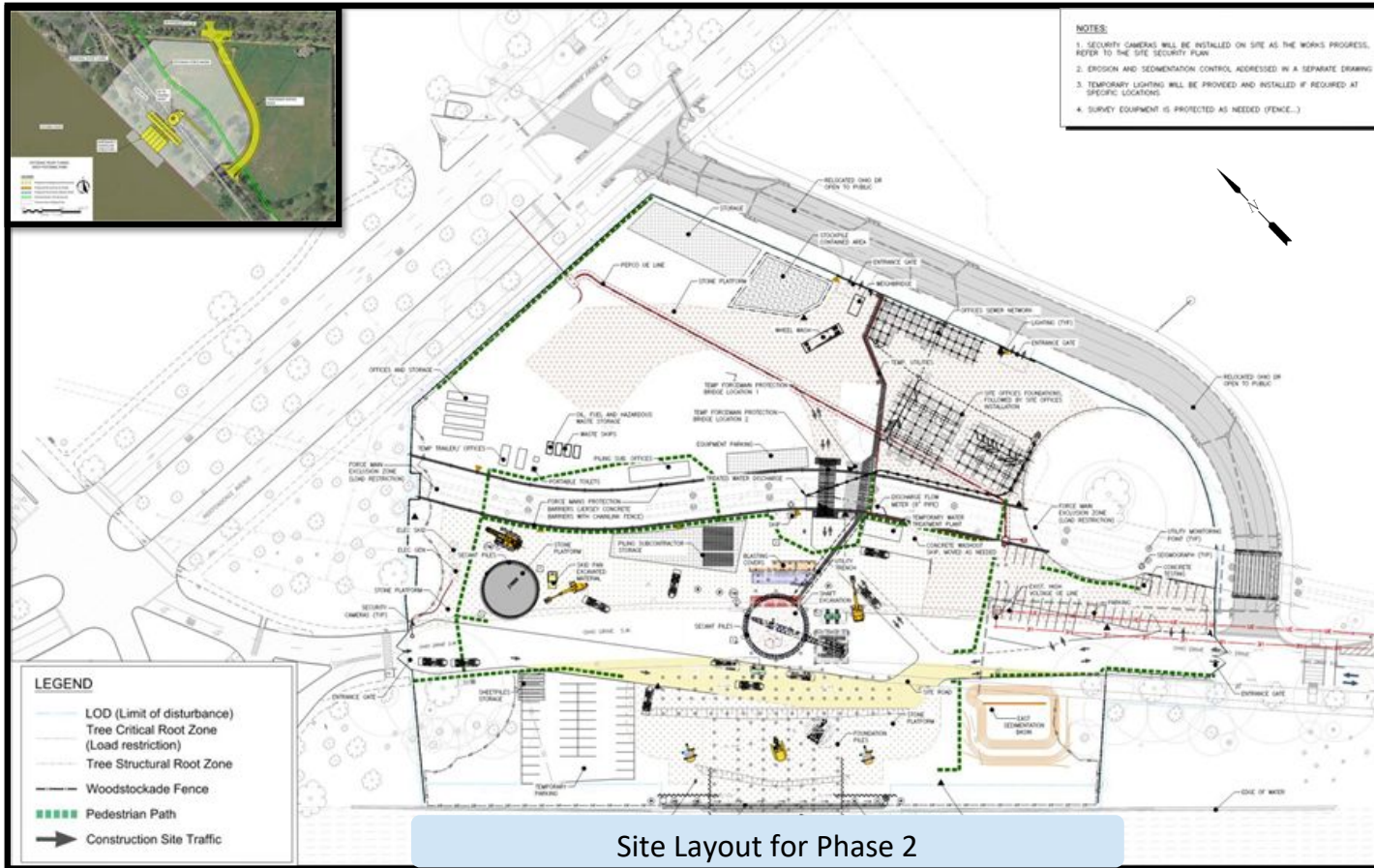


Trash, Debris and Solids Removal from Screening Shaft at Tunnel Dewatering Pumping Station



Potomac River Tunnel West Potomac Park (WPP) Construction Site Mining Site

Anticipated Construction:
Feb 2024 through 2030



Design and Construction Progress:

- Developing design packages.
- Completed the construction of temporary bridge over the Force Main for West Potomac Park Dr. (New Bypass Road)
- Continued construction of West Potomac Park Dr. and proceeded with tie-in work at Independence Ave.
- Secant Piles installation at West Potomac Park (WPP) Site:
 - Mining shaft: complete.
 - Near Surface Structure: Complete.

Upcoming Work:

- West Potomac Park Dr. Road scheduled to open to the public on November 18.
- Temporary mining shaft (TMS) secant piles installation.
- Overflow and mining shaft (OMS) excavation and blasting.



Division PRT-B – Construction Photos



OMS Secant Piles



West Potomac Park Dr. Bridge



West Potomac Park Dr. / Independence Ave Intersection



OMS Secant Piles



West Potomac Park Dr. Bridge Installed



CSO-28 Pre-Mobilization Potholing



Piney Branch Tunnel - Background



- Piney Branch is the largest CSO to Rock Creek
- Drainage area is more than 2,300 acres
- Tunnel intercepts CSOs at outfall and provides storage
- Captured CSOs discharge back into sewer system **by gravity (no pumping station)** after storm

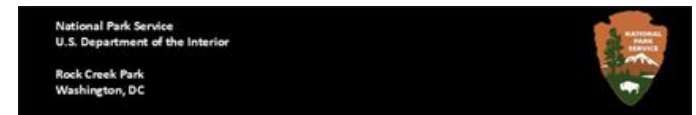




Piney Branch Tunnel - Progress



- **Environmental Assessment**
 - Released for public comment on October 15, 2024
 - Comments due on December 6, 2024
 - Finished product will be Finding of No Significant Impact (FONSI)
- **Construction Manager at Risk (CMAR) Solicitation:**
 - Clark Construction Group, LLC selected as CMAR
 - Phase 1 Pre-Construction Services Contract NTP issued on November 12, 2024
 - Will be working with CMAR to develop early packages
- **Construction phase:**
 - 2026 – 2029



DC Clean Rivers Project
Piney Branch Tunnel Project
Environmental Assessment
October 2024

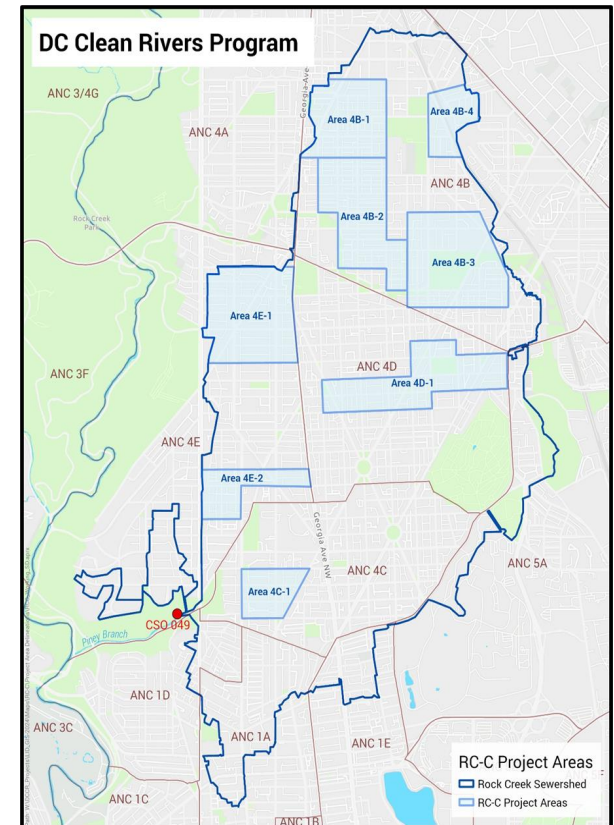




Rock Creek Green Infrastructure Project C



- **Project Scope:**
 - Manage stormwater from 25 impervious acres to the 1.2" Retention Standard
- **Project Description:**
 - Issued to Environmental Protection Agency on June 10, 2024
- **Solicitation:**
 - Construction Manager at Risk (CMAR) Phase 1 Pre-Construction Services NTP issued on September 27, 2024
 - Guaranteed Maximum Price (GMP) negotiations November 15-December 12, 2024
 - Phase 2 Construction Contract to be presented to:
 - EQ&Ops: January 16, 2025
 - Full Board: February 6, 2025
- **Design Collaboration:**
 - 90% Design development completed
 - Working on 100% Design development



dc DC Clean Rivers Public Outreach Efforts



Category	Activities:
Rock Creek Project C	<ul style="list-style-type: none"> Engaged with citizens where RC-C alleys will be constructed
Piney Branch Tunnel	<ul style="list-style-type: none"> Distributed public notices about testing and structural surveys to refine project design and planning along the future project alignment Advertised Environmental Assessment for Public Comment Period from October 15 – December 6, 2024
Potomac River Tunnel	<ul style="list-style-type: none"> Prepared press release, traffic advisory, and social media content for the November opening of the new West Potomac Park Drive to navigate traffic around the West Potomac Park construction site Informed stakeholders of utility investigation work at CSO 022 and CSO 028



W Street - Ventilation Control Facility



1st Street and Rhode Island Avenue



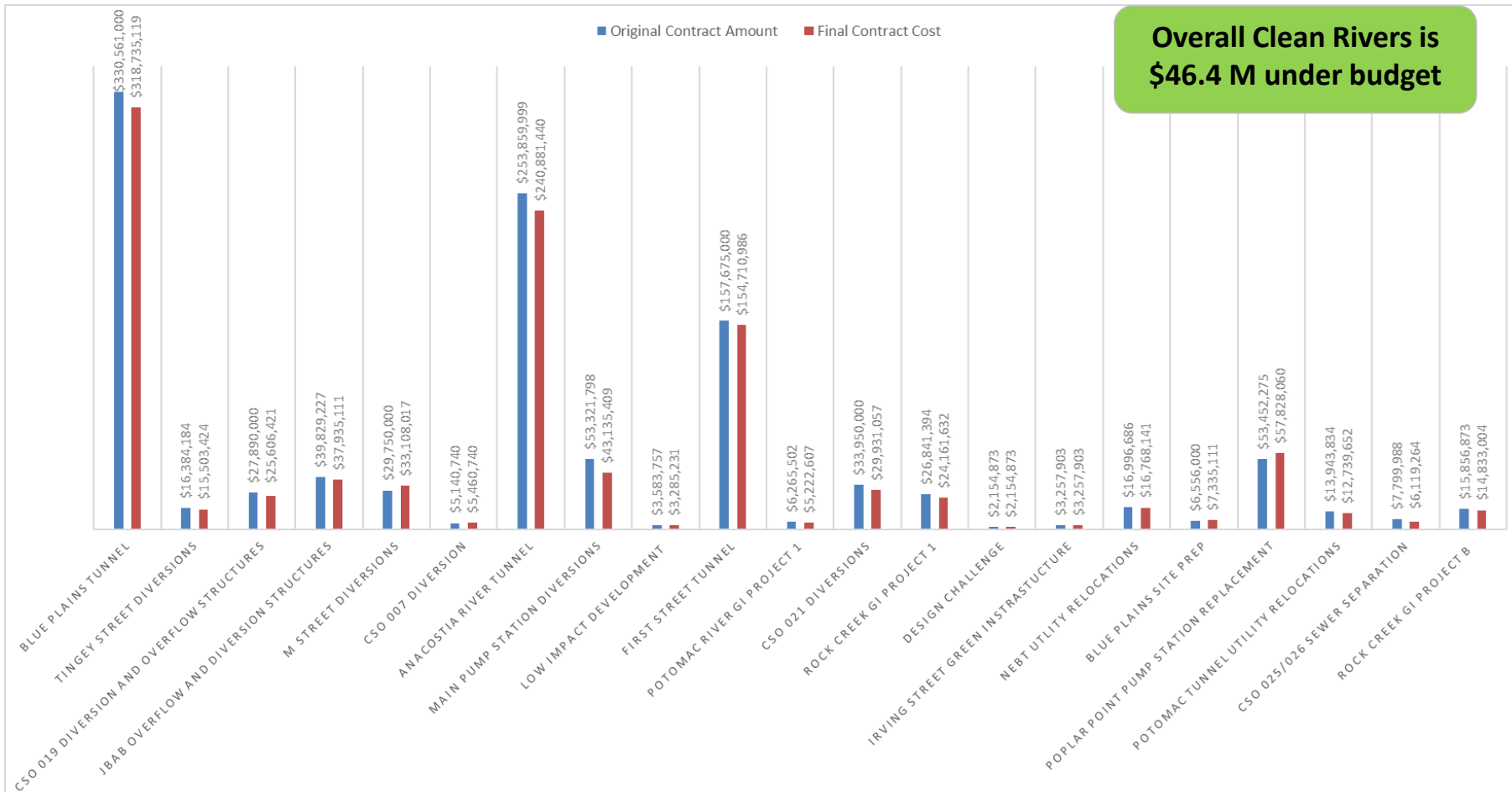
New Left Turn Lane at Lincoln Road



Bioretention Maintenance Training



Clean Rivers Budget





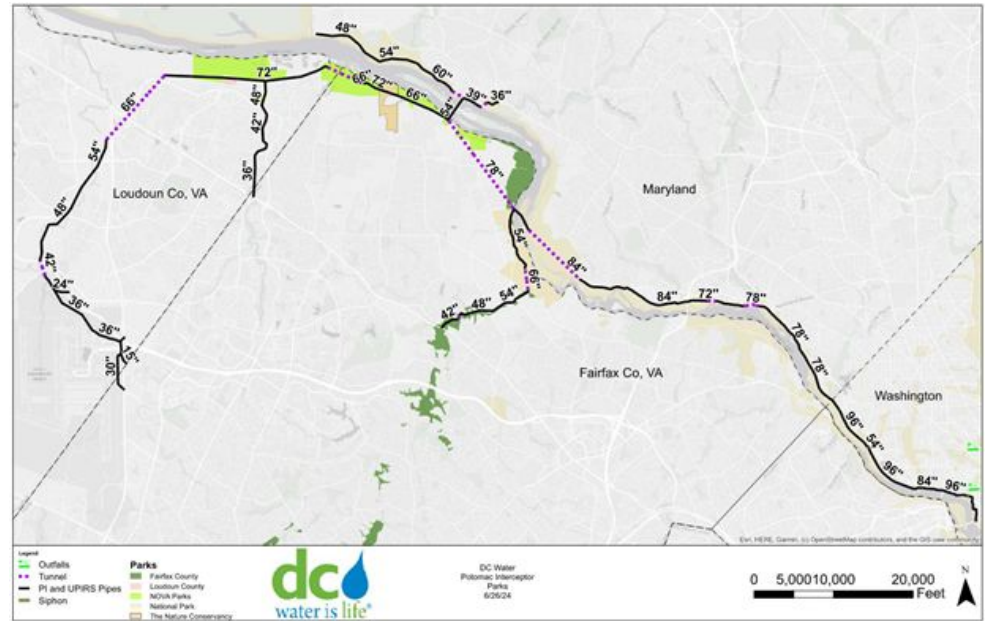
Potomac Interceptor



Potomac Interceptor



Area	Status
High Priority Project	
MH18 – MH19	<ul style="list-style-type: none"> ❖ Completed CCTV ❖ Finalizing design repair for 800LF of pipe ❖ Developing a procurement approach ❖ Repair work scheduled for Feb/Mar 2025
Capital Program Projects	
<ul style="list-style-type: none"> ❖ Developing RFQ/P for the CMAR Project (PI01: Anglers Inn /Cabin John) ❖ Finalizing permitting, harmonizing design for the CMAR Project ❖ CMAR RFQ/P: February 2025 ❖ PDB RFQ/P: July 2025 	
<p>Status: Potomac Interceptor</p> <ul style="list-style-type: none"> ○ Pipe experienced significant corrosion in selected sections ○ No redundancy ○ Current pipe status jeopardizes ability to deliver suburban flow to Blue Plains with associated regulatory ramifications ○ Capital program being revised to include collaborative delivery, larger projects for more efficient project implementation 	



Potomac Interceptor Corrosion Resulting in Loss and Exposure of Reinforcing

Acronyms:

CMAR – Construction Manager at Risk
GC – General Conditions
LF – Linear Feet

PDB – Progressive Design Build
RFP – Request for Proposal
RFQ/P – Request for Qualifications/Proposal



Lead Free DC Update



Lead Free DC Update
Environmental Quality & Operations Committee
November 20, 2024

**Imagine a city
without lead.**



William Elledge, PE
Director, Engineering and Technical Sciences

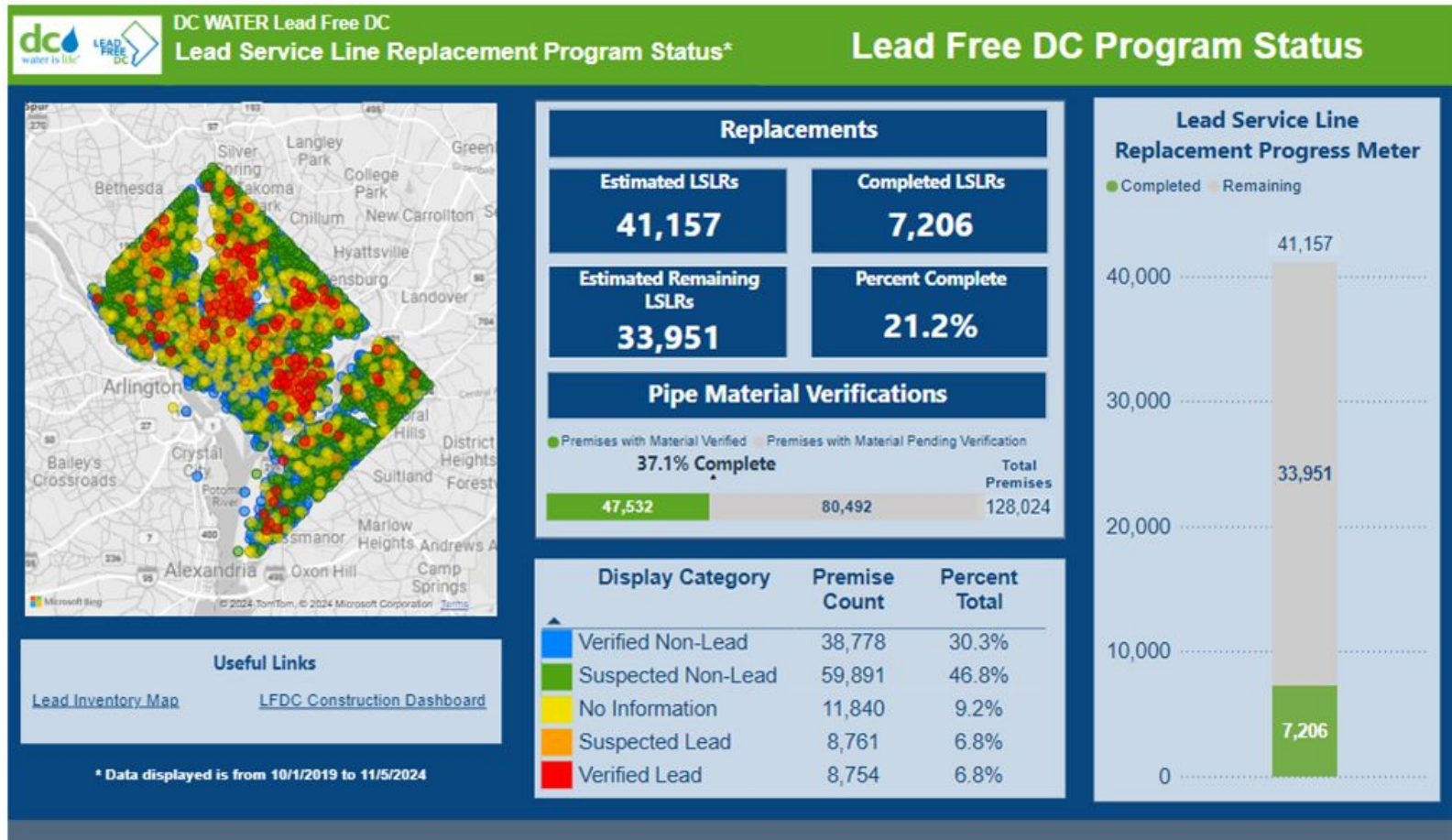


Lead Free DC FY24 Results





Lead Free DC Program Dashboard





Lead Free DC Program Achievements



- Exceeded goal with 2196 lead service line replacements in FY24
 - The LPRAP Program had its best yearly performance since program inception with 544 replacements
 - Utilized all District funding available for the FY24
 - FY25 District funding is anticipated to be exhausted by January 2025
- DocuSign capability for Right of Entry Agreements added to LFDC website for use by the general public
- 30,000+ mailings required for EPA Lead and Copper Rule compliance were prepared for distribution
- Pilot program completed field testing of pilot technologies. Test pit confirmation of materials is underway.





Lead Free DC DDOT Collaboration



- Memorandum of Understanding for LFDC was fully executed by DDOT and DC Water
- Collaboration efforts with DDOT Pave DC Program resulted in \$140,000 in reduced paving costs to date



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

ACTION REQUESTED

**ENGINEERING SERVICES:
Sewer Program Management
(Joint Use)**

Approval to execute an architectural and engineering services contract not to exceed \$75,000,000 for the contract period of three years plus two renewable 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:
Brown and Caldwell 1725 Duke St Suite 250 Alexandria, VA 22314 <u>Headquarters</u> Walnut Creek, CA 94596	Total DBE Participation Total WBE Participation See Attachment A for list of DBE/WBE participants	30.0% 6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$75,000,000.00
 Contract Time: 1825 Days (5 Years, 0 Months)
 No. of Option Years in Contract: 2
 Anticipated Contract Start Date: 01-09-2025
 Anticipated Contract Completion Date: 01-08-2030 (Including 2 Option years)

Other firms submitting proposals/qualification statements:

Arcadis*

* Asterisk indicates short listed firms.

Purpose of the Contract:

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

Contract Scope:

Services will include but not limited to:

- Provide general program management functions
- Assist DC Water in planning and executing all aspects of the Capital Improvement Program projects in the sewer service area
- Provide engineering services including:
 - Design and design review services
 - Technical support for inspection and condition assessment
 - Hydraulic modelling
 - Geographic Information System (GIS) Support
- Serve as Owner’s Agent for collaborative delivery projects
- Provide construction management services
- Augment DC Water staff with experienced & qualified technical resources, project managers and construction managers

- Provide technical support and expertise to operational departments pertaining to existing or proposed assets and facilities and provide engineering response during emergencies.
- Other tasks as assigned

PROCUREMENT INFORMATION

Contract Type:	Lump Sum & Cost-Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Design Services	Contract Number:	DCFA 555
Contractor Market:	Open Market		

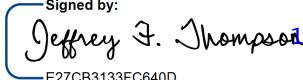
BUDGET INFORMATION

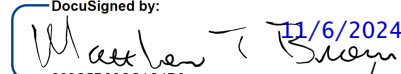
Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Sanitary, Storm, Combined	Department Head:	Ryu Suzuki
Project:	AU, AV, AT, AV, BO, DN, G5, G7, GY, HT, IE, IN, QH, QS, QT, QU, QZ, RC, RD, RE, RR, W1, WP, XS		

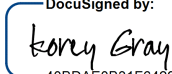
****ESTIMATED USER SHARE INFORMATION**

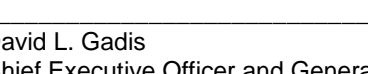
User	Share %	Dollar Amount
District of Columbia	97.67%	\$ 73,253,319.00
Federal Funds	0.00%	\$
Washington Suburban Sanitary Commission	2.33%	\$ 1,746,681.00
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$ 75,000,000.00

** Work under this contract will be assigned as needed under specific work and task plans. It is anticipated that Joint Use work may be assigned during the contract period. As tasks are developed for work associated with specific facilities and costs are developed, the individual users will be notified and billed according to agreed cost-sharing.

Signed by:

 E27CB3133FC640D... / 11/6/2024
 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

DocuSigned by:

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

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

**ENGINEERING SERVICES:
CONTRACT DCFA#550
Sewer Program Management
(Joint Use)**

Attachment A

PRIME	SUBS	DBE/WBE	PARTICIPATION
DCFA-555 Brown and Caldwell	River to Tap, Inc.(R2T) Philadelphia, PA	DBE	6.0%
	CES Consultant, Inc. Alexandria, VA	DBE	5.0%
	DMY Engineering Consultants, Inc. Chantilly, VA	DBE	4.0%
	Wave Civil LLC Alexandria, VA	DBE	4.0%
	DM Enterprises Baltimore, MD	DBE	3.0%
	BVF Engineering, Inc Columbia, MD	DBE	2.0%
	Environ-Civil Engineering, Ltd. Columbia, MD	DBE	2.0%
	InterAgency, Inc. Washington, DC	DBE	2.0%
	AB Consultant Lanham, MD	DBE	1.0%
	Shrewsberry and Associates Indianapolis, IN	DBE	1.0%
	SZ PM Consultants, Inc. Washington, DC	WBE	2.0%
	Robert B. Balter Company Owings Mills, MD	WBE	1.5%
	Dramby Environmental Consulting, Inc. Williamsburg, VA	WBE	1.0%
	V&A Consulting Engineers Columbia, MD	WBE	1.0%
	TFE Resources, Ltd. Owings Mills, MD	WBE	0.5%
	Carollo Engineers Arlington, VA	N/A	23.5%
	HydroDigital, LLC South Bend, IN	N/A	0.5%
Total DBE Participation = 30.0% Total WBE Participation = 6.0%			

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT AWARD YEAR
Supply and Delivery of Methanol
(Joint Use)**

Approval to exercise base year and to approve funding for the base year and all option years (OY1 – OY2) for the supply and delivery of Methanol in the amount of \$24,980,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Colonial Chemicals, Inc. 916 West Lathrop Avenue Savanah, GA 31415	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Period Contract Value:	\$8,000,000.00.
Base Period Contract Dates:	1-01-2025 – 12-31-2025
No. of Option Years in Contract:	2
Total Option Year 1-2 Value:	\$16,980,000.00.
Option Year 1-2 Dates:	1-01-2026 – 12-31-2027
Proposals Received:	2

Purpose of the Contract:

The purpose of this contract is to supply and deliver methanol to DC Water’s Blue Plains Advanced Wastewater Treatment Facility. The methanol is used as the nutrient for bacteria in the Nitrification section of Blue Plains, where nitrogen is removed to comply with DC Water’s environmental permits as required by the EPA. To ensure supply security for this critical chemical, contracts were awarded to two independent supply chains.

Contract Scope:

During the base year, Blue Plains is anticipated to consume approximately 44,000,000 pounds of methanol. Methanol serves as a carbon source for bacteria in the Nitrification section at Blue Plains, facilitating the reduction of nitrates to nitrogen gas, which is subsequently removed from the water. Given the critical importance of nitrogen removal, it is essential to maintain a consistent and secure supply of methanol.

Supplier Selection:

Approximately every three years, DC Water re-evaluates methanol by issuing a new solicitation and researching suppliers to ensure we continue to have the best value in the market. The RFQ was issued to identify suppliers that can supply DC Water’s methanol requirements. Two companies responded to the RFQ, Colonial and Mitsubishi. After a complete evaluation, DC Water asked both vendors for their unit price, and the final selection is made based on the best and final offer (BAFO). The awarded unit pricing is based on industry indices prices which change monthly plus supplier discounts. The requested base year funding is 20 - 30% less than the previous year due to the higher discounts offered by the suppliers.

The decision on how to split the volume is driven by two factors, the discount from the index and freight charges. Colonial Chemical (10496) offered significant cost advantages and was awarded 90% of DC Water's requirements. The remaining 10% has been allocated to Mitsubishi International (10497).

Compliance DBE/WBE inclusion goals are not required due to the Chemical Category being exempt from the Business Development Plan.

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PROCUREMENT INFORMATION

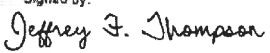
Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Chemical	Contract Number:	10496
Contractor Market:	Open Market		

BUDGET INFORMATION

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

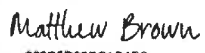
ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	43.27%	\$10,808,846.00
Washington Suburban Sanitary Commission	41.18%	\$10,286,764.00
Fairfax County	10.02%	\$2,502,996.00
Loudoun Water	4.81%	\$1,201,538.00
Other (PI)	0.72%	\$179,856.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$24,980,000.00

Signed by:

 11/4/2024
 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP

DocuSigned by:

 11/4/2024
 Corey Gray Date
 Vice-President of Compliance and
 Interim Chief Procurement Officer

DocuSigned by:

 11/4/2024
 Matthew T. Brown Date
 CFO and EVP of Finance and 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

**GOODS AND SERVICES CONTRACT AWARD YEAR
Supply and Delivery of Methanol
(Joint Use)**

Approval to exercise base year and to approve funding for the base year and all option years (OY1 – OY2) for the supply and delivery of Methanol in the amount of \$2,520,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Mitsubishi International Corp. 655 Third Avenue New York, NY 10017	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Period Contract Value:	\$800,000.00.
Base Period Contract Dates:	1-01-2025 – 12-31-2025
No. of Option Years in Contract:	2
Total Option Year 1-2 Value:	\$1,720,000.00.
Option Year 1-2 Dates:	1-01-2026 – 12-31-2027
Proposals Received:	2

Purpose of the Contract:

The purpose of this contract is to supply and deliver methanol to DC Water’s Blue Plains Advanced Wastewater Treatment Facility. The methanol is used as the nutrient for bacteria in the Nitrification section of Blue Plains, where nitrogen is removed to comply with DC Water’s environmental permits as required by the EPA. To ensure supply security for this critical chemical, contracts were awarded to two independent supply chains

Contract Scope:

During the base year, Blue Plains is anticipated to consume approximately 44,000,000 pounds of methanol. Methanol serves as a carbon source for bacteria in the Nitrification section at Blue Plains, facilitating the reduction of nitrates to nitrogen gas, which is subsequently removed from the water. Given the critical importance of nitrogen removal, it is essential to maintain a consistent and secure supply of methanol.

Supplier Selection:

Approximately every three years, DC Water re-evaluates methanol by issuing a new solicitation and researching suppliers to ensure we continue to have the best value in the market. The RFQ was issued to identify suppliers that can supply DC Water’s methanol requirements. Two companies responded to the RFQ, Colonial and Mitsubishi. After a complete evaluation, DC Water asked both vendors for their unit price, and the final selection is made based on the best and final offer (BAFO). The awarded unit pricing is based on industry indices prices which change monthly plus supplier discounts. The requested base year funding is 20 - 30% less than the previous year due to the higher discounts offered by the suppliers.

The decision on how to split the volume is driven by two factors, the discount from the index and freight charges. Colonial Chemical (10496) offered significant cost advantages and was awarded 90% of DC Water's requirements. The remaining 10% has been allocated to Mitsubishi International (10497).

Compliance DBE/WBE inclusion goals are not required due to the Chemical Category being exempt from the Business Development Plan.

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PROCUREMENT INFORMATION

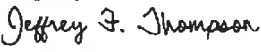
Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Chemical	Contract Number:	10497
Contractor Market:	Open Market		

BUDGET INFORMATION

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


ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	43.27%	\$1,090,404.00
Washington Suburban Sanitary Commission	41.18%	\$1,037,736.00
Fairfax County	10.02%	\$252,504.00
Loudoun Water	4.81%	\$121,212.00
Other (PI)	0.72%	\$18,144.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$2,520,000.00

Signed by:

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 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP

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 Korey Gray Date
 Vice-President of Compliance and
 Interim Chief Procurement Officer

DocuSigned by:

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 Matthew T. Brown Date
 CFO and EVP of Finance and 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

**GOODS AND SERVICES CONTRACT MODIFICATION
SMALL CONSTRUCTION ADD FUNDS
(Joint Use Capital)**

This contract action is to add funds in the amount of \$9,853,000.00 to existing Contract 10403.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Eastern Contractors Corporation 3011 Sutton Gate Dr. Site 250 Suwanee, GA. 30024	SUBS: Aquia 1300 I Street N.W. Washington, DC 20005	PARTICIPATION: DBE - 33%
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DESCRIPTION AND PURPOSE

Base Years Contract Value:	\$3,653,000.00
Base Years Contract Date:	11-01-2023 – 10-31-2025
Option Year 1 – Option Year 3 Value:	\$5,978,851.00
Option Year 1 – Option Year 3 Date:	11-01-2025 – 10-31-2028
Base Years Additional Value:	\$9,853,000.00
Base Years Add Funds Date:	12-01-2024 – 10-31-2025

Purpose of the Contract:

Department of Facilities requires the services of a qualified general contractor, licensed and bonded in the Washington, DC metropolitan area to provide general construction work.

Contract Scope:

DC Water requires the services of a qualified general contractor, licensed and bonded in the Washington, DC metropolitan area to provide general construction work for rough carpentry, finished carpentry, partition installation and removal, roof repairs, dry wall systems, toilet and bath accessories, doors and frames, (wood, plastic, metal, and hollow core), cast and place concrete, HVAC, electrical applications and repairs, demolition as applicable to the project, plumbing upgrades, painting, fall protection, ceiling and floor tiles, site design development documents, scaled site and construction drawings, and project phasing schedule at all of DC Water facilities as needed.

Adding Additional Scope of Work:

This contract modification aims to carry out two projects under the small construction contract.

- **Supply Building 1 Renovation:** This project will extensively renovate Supply Building 1 (SB-1), an old warehouse used for storage, so that the Facilities department offices and trade shops can be centrally located. This will improve efficiency and enhance collaboration within the Facilities department.
- **MPT Electrical Bldg. HVAC System Upgrade:** This project will add a redundant HVAC system to the MPT (Pre-Dewatering) Electrical building.

Spending Previous Year

Cumulative Contract Value:	11-01-2023 to 10-31-2028: \$9,631,851.00
Cumulative Contract Spending:	11-01-2023 to 09-30-2024: \$972,804.00

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:	Goods and Services	Award Based On:	Best Value
Commodity:	Construction	Contract Number:	10403
Contractor Market:	Open Market with DBE participation		

BUDGET INFORMATION

Funding:	Capital	Department:	Facilities
Service Area:	Non-Process Facilities	Department Head:	Brent Christ
Project:	HK, LS		

ESTIMATED USER SHARE INFORMATION

User - Capital	Share %	Dollar Amount
District of Columbia	68.35%	\$6,734,525.50
Washington Suburban Sanitary Commission	24.75%	\$2,438,617.50
Fairfax County	4.53%	\$446,340.90
Loudoun Water	2.01%	\$198,045.30
Other (PI)	0.36%	\$35,470.80
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$9,853,000.00

Signed by: Wayne Griffith / 11/12/2024
Wayne Griffith 25... / Date
 Wayne Griffith
 Chief Administration Officer and EVP

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 Korey Gray
 Vice-President of Compliance and
 Interim Chief Procurement Officer

DocuSigned by: Matthew Brown / 11/12/2024
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 Matthew T. Brown / Date
 CFO and EVP 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

**GOODS AND SERVICES CONTRACT MODIFICATION
HIGH PRESSURE/HIGH VACUUM CLEANING SERVICES
(Joint Use)**

Approval to add funding for continued High Pressure/High Vacuum Cleaning Services in the amount of \$1,445,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Jet Blast, Inc. 6800 Fort Smallwood Rd Baltimore, MD 21226	SUBS: N/A	PARTICIPATION: 0.00%
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DESCRIPTION AND PURPOSE

Base Year Contract Value:	\$322,225.00
Base Year Contract Dates:	10-01-2020 - 09-30-2021
Option Years 1-4 Value:	\$2,856,000.00
Option Years 1-4 Dates:	10-01-2021 - 09-30-2025
Option Year 4 Add Funds Value:	\$1,445,000.00
Option Year 4 Add Funds Dates:	10-01-2024 – 09-30-2025

Purpose of the Contract:

To provide high pressure/high vacuum cleaning services to DC Water, for which the Wastewater Treatment (WWT) plant has an ongoing need. The high-pressure water blasting, and high vacuum cleaning services are used to clean and maintain some critical equipment such as anaerobic digesters and influent headworks screens, and other equipment and structures where vigorous cleaning is required.

Scope of the Contract:

WWT directs the contractor to take on cleaning projects as needed. The contractor provides all necessary personnel and equipment (including commercial multi-pressure, water blast equipment, high vacuum wet/dry trucks, combination jet/vacuum trucks, etc.) to carry out the project.

Purpose of Request:

This request is to add funding to the final option year of the contract is required due to the following:

- Increased cleaning efforts on new equipment—headworks screens & digesters. The digester loop cleaning and digester cleaning (all 4 of them). Headworks screens (all 13 of them) cleaning several times a year to keep them from sending trash downstream.
- Increased vivianite build-up in our centrifuges, lines and Cambi systems.
- Downstream effect on our process systems which needed to be cleaned more due to the heavy material load passing through and clogging up downstream equipment and lines.

Spending Previous Year:

Cumulative Contract Value:	10-01-2020 – 09-30-2025: \$3,179,000.00
Cumulative Contract Spending:	10-01-2020 – 10-16-2024: \$2,867,534.00

Contractor's Past Performance:

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

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PROCUREMENT INFORMATION

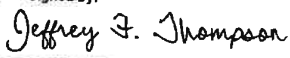
Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	High Pressure/ High Vacuum Cleaning Service	Contract Number:	20-PR-WWT-45A
Contractor Market:	Blue Plains		

BUDGET INFORMATION


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

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	43.27%	\$625,251.50
Washington Suburban Sanitary Commission	41.18%	\$595,051.00
Fairfax County	10.02%	\$144,789.00
Loudoun Water	4.81%	\$69,504.50
Other (PI)	0.72%	\$10,404.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,445,000.00

Signed by:

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 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP


 _____ / 11/13/24
 Corey Gray Date
 Vice-President of Compliance and
 Interim Chief Procurement Officer

DocuSigned by:

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262C5D96CC1G4D3...
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement
 and Compliance

 David L. Gadis Date
 CEO and General Manager