



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
289th MEETING OF THE BOARD OF DIRECTORS**

Thursday, September 1, 2022

9:30 a.m.

via Microsoft Teams

Join on your computer or mobile app

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Meeting ID: 239 910 165 790

Passcode: szyKMa

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Phone Conference ID: 712 486 475#

The board meeting can be live streamed at <https://dcwater.com/watch-board-meetings>

I. Call to Order (Chairperson Tommy Wells)

II. Roll Call (Linda Manley, Board Secretary)

III. [Approval of the July 7, 2022 Meeting Minutes](#)

IV. Chairman's Overview

V. Committee Reports

1. [Governance Committee \(Dr. Joe Leonard\)](#)
2. [Environmental Quality and Operations Committee \(Sarah Motsch\)](#)
3. [Audit Committee \(Floyd Holt\)](#)
4. [Finance and Budget Committee \(Anthony Giancola\)](#)

VI. Issues of General Interest

VII. [CEO/General Manager's Report \(David Gadis\)](#)

VIII. [Contract Summary \(FYI\)](#)

IX. Consent Items (Joint Use)

1. [Approval to Execute Contract No. 220090, Mobile Dredging & Video Pipes, Inc. - Resolution No. 22-47](#) (Recommended by the Environmental Quality and Operations Committee 07/21/2022)
2. [Approval to Execute Supplemental Agreement No. 2 of Contract No. DCFA #503-WSA, AECOM Services of DC – Resolution No. 22-48](#) (Recommended by the Environmental Quality and Operations Committee 07/21/2022)
3. [Approval to Execute the Award and Funding of Contract No. 10195, Clean Team Janitorial Services – Resolution No. 22-49](#) (Recommended by the Environmental Quality and Operations Committee 07/21/2022)

4. [Approval to Execute the Award and Funding of Contract No. 10196, BFPE International Inc. – Resolution No. 22-50](#) (Recommended by the Environmental Quality and Operations Committee 07/21/ Approval 2022)

X. Consent Items (Non-Joint Use)

1. [Approval of Execute Supplemental Agreement No. 3 of Contract No. DCFA #502, Mott MacDonald I&E, LLC – Resolution No. 22-51](#) (Recommended by the Environmental Quality and Operations Committee 07/21/2022)
2. [Approval to Execute Supplemental Agreement No. 2 of Contract No. DCFA-470, Ramboll Engineering , PC – Resolution No. 22-52](#) (Recommended by the Environmental Quality and Operations Committee 07/21/2022)
3. [Approval to Execute Contract No. 220110, Capitol Paving of DC, Inc. – Resolution No. 22-53](#) (Recommended by the Environmental Quality and Operations Committee 07/21/2022)
4. [Approval to Execute Contract No. 220040, Anchor Construction Corporation – Resolution No. 22-54](#) (Recommended by the Environmental Quality and Operations Committee 07/21/2022)
5. [Approval to Execute Contract No. DCFA 519, Joint Venture of Ramboll Engineering, PC and CDM Smith, Inc. – Resolution No. 22-55](#) (Recommended by Environmental Quality and Operations Committee 07/21/2022)

XI. Executive Session

XII. Adjournment (Chairperson Tommy Wells)

Upcoming Committee Meetings and Hearing – (via Microsoft Teams)

- **Governance Committee – Tuesday, September 13th @ 9:00 a.m.**
- **Human Resources and Labor Relations Committee (with Union Presidents) – Wednesday, September 14th @ 11:00 a.m.**
- **Public Hearing on Proposed CAP2 Recertification Waiver Extension End and RAP and MAP Extension, Wednesday, September 14th @ 6:30 p.m.**
- **Environmental Quality and Operations Committee – Thursday, September 15th @ 9:30 a.m.**
- **Finance and Budget Committee – Thursday, September 22nd @ 11:00 a.m.**
- **DC Retail Water and Sewer Rates Committee – Tuesday, September 27th @ 9:30 a.m.**

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

Governance Committee

Tuesday, July 12, 2022
via Microsoft Teams

9:00 a.m.

MEETING MINUTES

Committee Members

Joe Leonard, Jr., PhD., Chairperson
Tommy Wells, Board Chair
Rachna Bhatt
Christopher Herrington
Fariba Kassiri

DC Water Staff

David L. Gadis, CEO/General Manager
Marc Battle, EVP/ Chief Legal Officer
Gregory Hope, Deputy General Counsel
Kishia Powell, EVP/ Chief Operating Officer, and
John Deignan, Program Manager, Lead Services
Linda Manley, Secretary to the Board

Call to Order

Chairperson Joe Leonard called the meeting to order at 9:00 a.m. The meeting was held via Microsoft Teams.

Agenda Item #3 – Amendments to By-Laws

Gregory Hope, Deputy General Counsel, Department of Government and Legal Affairs, presented Agenda Item #3 – Amendment to DC Water Board of Directors By-Laws.

Overview

Mr. Hope presented the proposed amendments to the By-Laws, he explained the purpose: 1) to revise the manner in which the public participates in Board, Committee and Public Hearing meetings; 2) to clarify provisions where the chairperson or committee has the discretion to determine if the board or committee meetings will be held in person or remotely; and 3) to make other amendments to update the By-Laws.

Mr. Hope explained that during COVID-19, the D.C. Council enacted temporary legislation providing flexibility for public bodies to permit the public to attend meetings remotely to comply with D.C. Code § 2-575 (a) of the District of Columbia Open Meetings Act (OMA) of 2010.

Mr. Hope further explained the D.C. Council made three (3) substantive changes to the DC Water Establishment Act, that comply with D.C. Law 23-229: 1) to provide the public alternative remote ways to attend Board and Committee meetings and Public Hearings; 2) to include the information in the notice on the Board's website; and 3) to publish the Notice of Public Hearing in the *D.C. Register* at least 45 days prior to a hearing, distribute that notice widely and publicly, and provide a 5 day comment period after the hearing date.

Responses to Questions by the Committee Members:

1. In response to Committee Member Herrington, Mr. Hope explained that while DC Water is not required to amend its By-Laws to comply with the enabling statute, aligning its By-Laws provides clarity, consistency, and flexibility.

2. In response to Committee Member Herrington, Mr. Hope explained the Committee could adjust timelines provided in the By-Laws to extend the notice and comment period for consideration of comments.
3. In response to Chairperson Leonard recommendation to provide closed caption options to the public during meetings and hearings, Mr. Hope explained the MS Teams platform DC Water uses during its meetings and hearings contains the closed captioning feature to the extent each meeting offers remote access to the public. Mr. Hope proposed the Committee discuss provisions under the Americans with Disabilities (ADA) Act, to incorporate changes within the By-Laws that provides individuals with disabilities reasonable accommodations to attend meetings and hearings, specifically a sign language interpreter.
4. In response to Committee Member Kassiri, Mr. Hope explained that public bodies in the District of Columbia are required to record public meetings or hearings or provide a transcript of that meeting upon request in accordance with the Open Meetings Act but are not required to obtain consent of the other parties participating at the meeting.

Recommendation

Chairperson Leonard asked for a consensus from the Committee Members to move the proposed By-Laws amendments to the full Board for approval at the September 1st Board meeting. The Committee members agreed.

Agenda Item #4 – Lead Free DC- Status Update

Kishia Powell, Chief Operating Officer, presented Agenda Item #4 – Lead Free DC Status Update

Before the presentation of the Lead-Free DC (LFDC) Status Update, Ms. Powell explained the purpose: 1) to provide a status update on the Lead-Free DC program; and 2) to provide insights on the Task Force work.

Ms. Powell explained the Lead Task Force was established by D.C. Council. Ms. Powell introduced John Deignan, Program Manager, Lead Services and Apera Nwora, Director, Department of Legal and Government Affairs.

Progress

Mr. Deignan reported that since the launching of LFDC, eleven hundred free and discounted replacements and more than twenty-two hundred total replacements were provided to customers. Customers saved more than \$3.2 million in private side costs through funding from the District. LFDC also launched 150 block by block replacement projects this year.

Mr. Deignan explained that while the proposed Capital Improvement Program (CIP) fully funds the LFDC Program, LFDC is working to establish an Intended use plan (IUP) for the federal funding for the program. He also explained the program is currently using the American Rescue Plan funding provided by the District, for private side replacements, which provides \$30 million over the course of 3 years, or \$10 million annually.

Background Lead Free DC Program Areas

Mr. Deignan provided an overview of the three service line replacement programs, two (2) of which are funded by the District:

1. Small Diameter Water Main CIP & Emergency Repairs (CIPERR), initiated by DC Water, which provides free private side replacements for homeowners regardless of their income, if the homeowner signs the replacement agreement.
2. Lead Partial Replacement Assistance Program (LPRAP), which is customer initiated and only for private lead line replacement. The District provides customers 50-100% assistance to replace the remaining partial service line when the public side line has been replaced; and

3. Voluntary Full Replacement Program (VFRP), which is customer-initiated for the replacement of the lead service line when it is not included in capital project in the next 2 years. Customers pay 100% of the private side replacement costs.

Challenges: CIPERR By Block Customer Participation

Mr. Deignan reported that DC Water received signed agreements from 73% of homeowners, an increase from 63% in Q1. The construction projects commenced in Wards 7 and 8. Mr. Deignan also reported that 80% of these premises are occupied by homeowners, and 20% are occupied by tenants.

Mr. Degnan turned the presentation to Apera Nwora.

Lead Service Line Planning Task Force

In 2018, DC Water established a goal to remove all lead service lines in the District by 2030.

The Lead Service Line Planning Task Force was established by the D.C. Council in 2021 to assist DC Water with that goal and are required to prepare Report for the Lead Replacement Plan. The Task Force comprises DC Water, the Department of Energy and Environment (DOEE), the Department of Consumer and Regulatory Affairs (DCRA), the Department of Transportation (DDOT) and Council-appointed lead advocate representatives. A cost analysis was conducted to review DC Water's spending plan regarding lead removal. The Task Force proposed recommendations to streamline replacement programs: include replacement of brass service lines in the plan; the District to provide funding to assist homeowners with payment of thermal expansion tank installation costs; revise the prioritization model; and continue outreach and communication with the public. The cost analysis results should be available at the end of July 2022. The Task Force will submit a draft report to the D.C. Council by August 2022 and a Public Hearing will be held in September 2022.

Responses to Questions by the Committee Members

1. In response to Committee Member Bhatt, Mr. Deignan explained the parameters used to establish the program included water quality factors – service line material, chlorine and iron concentration, and the social equity factors centered around poverty, education, and income.
2. In response to Committee Member Bhatt, Mr. Deignan explained the Task Force used an Area Deprivation Index (ADI) to evaluate socioeconomic conditions of the District residents in deciding on expected family contribution toward replacements on customer-initiated projects.

Following a lengthy discussion regarding the recommendations of the Task Force for legislation, Marc Battle Chief Legal Officer and Executive Vice President proposed including a recommendation to the Board supporting a mandate for replacement.

Recommendation

Chairperson Leonard asked for a consensus from the Committee Members to move the proposed recommendations of the Task Force to the full Board for approval at the September 1st Board meeting. The Committee members agreed.

Adjournment

There being no further business, the meeting was adjourned at 10:12 a.m.



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Committee Meeting**

Thursday, July 21, 2022

9:30am

MEETING SUMMARY

Committee Members

Sarah Motsch
Howard Gibbs
Ivan Frishberg
Steven Shofar
Andrea Crooms
Jared McCarthy

DC Water Staff Present

David Gadis, CEO & General Manager
Linda Manley, Secretary to the Board
Kishia Powell, Chief Operating Officer & EVP
Marc Battle, Chief Legal Officer & EVP
Aklile Tesfaye, VP, Wastewater Operations
John Deignan, Program Manager Lead Services
Joel Grosser, Director of Procurement, Goods & Services
Haydee De Clippeleir, Director, Clean Water Quality and technology
Maureen Schmelling, Director, Water Quality
Salil Kharkar, Senior Technical Advisor to COO
David Parker, Acting VP, Wastewater Engineering
William Elledge, Acting Director, Engineering & Technical Services
Rudy Gonzalez, Director, Procurement, Capital Programs

I. CALL TO ORDER

Sarah Motsch called the meeting to order at 9:30 a.m. The meeting was conducted via MS Teams.

II. ROLL CALL

Linda Manley, Secretary to the Board, DC Water, conducted a roll-call of the Committee members present for the meeting.

III. AWTP STATUS UPDATE

1. BPAWTP PERFORMANCE

Aklile Tesfaye, VP, Wastewater Operations, DC Water, briefed the Committee on the performance of the Blue Plains Advanced Wastewater Treatment Plant (BPAWTP). Specific details of the presentation can be found on pages 3 to 11 of the EQ & Ops Meeting package 07-21-2022 (subsequently will be referred to as "meeting package"). The notes below abbreviate key topics discussed during the presentation.

Aklile provided an update on the performance of complete treatment and the wet weather treatment facility (WWTF) at the BPAWTP for June 2022. It was reported that all performance parameters for the month were excellent, and all operational and effluent parameters were within the NPDES permit limits. A total of 133 MG of combined wet weather flows were captured by the tunnel system and treated through the BPAWTP. It was noted that there were no flows through the tunnel CSO Outfalls for the month. To date, for calendar year 2022, the WWTF has captured 100% of volume associated with precipitation.

Aklile discussed electrical energy use and generation at the BPAWTP. Onsite energy generation from the Combined Heat and Power (CHP) facility and solar panels for the month was 27% of the average consumption at the BPAWTP which exceeds the goal of 20% per month. Aklile also discussed biosolids production and Bloom marketing at the BPAWTP for June. It was noted that over 15,840 wet tons of biosolids were produced for the month and all biosolids met Class A Exceptional Quality (EQ) requirements of the EPA. Approximately 3,200 wet tons of biosolids were sold as Bloom for the month and the remainder was land applied through contracts. Bloom sales to date are at 104% of the cumulative sales goal for June 2022

The final topic of discussion for Aklile was related to the Research and Development (R&D) Program for Wastewater Treatment. Haydee DeClippeleir discussed the background, structure, and benefits of the Program, which are detailed in the meeting package on pages 8 to 10. The key message was that having a dynamic R&D Program has allowed DC Water to partner with multiple universities to leverage the expertise needed to solve/improve treatment processes. As treatment requirements and needs evolve, the program has successfully supported DC Water's adaptation. It was noted that the research topics are directly aligned with DC Water's Strategic Plan Imperatives. Lastly, a graduate student within the program, Rahil Fofana, presented their personal experience with the program, starting as an intern in 2016 to being offered a full-time position as a Process Engineer starting August 2022. Refer to meeting package page 11 for details.

IV. LEAD-FREE DC PROGRAM

John Deignan, Program Manager, Lead Services, DC Water gave a presentation on the status of Lead-Free DC (LFDC) programs. Detailed updates can be found in the meeting package on pages 12 to 21. The Lead-Free DC Program was presented recently in the April 21, 2022, EQ & Ops Meeting and many of the key points discussed are still relevant. A summary of progress since April is provided below.

Since the launch of LFDC, the program has saved customers more than \$3.2 million in direct private side costs. Expanded outreach and promotional efforts in Q3 has improved homeowner participation metrics. For the block-by-block program, signed agreements increased from 40% to 63% with homeowner participation on blocks that were under construction increasing from 68% to 74%.

In May 2022, DC Water hosted the Mayor, EPA Assistant Administrator, and the White House Infrastructure Coordinator for a walkthrough of a LFDC project to celebrate Infrastructure Week and the positive impact of the Infrastructure Law.

DC Water has finalized the selection of the new Program Management contract for the LFDC program after a three-step procurement process (RFI, RFQ, and RFP). This contract was

presented as a Non-Joint Use action item (refer Agenda Item VI) and was recommended to be forwarded to the board for approval.

John outlined that replacements are ramping up, but homeowner participation remains critical to achieve the service line replacement targets for the Capital Improvement Project and Emergency Repair Replacement (CIPERR) block-by-block replacement project. Test pitting to verify service line material is on track with about 60% of the public side test pits complete. It was noted that lessons learned from the CIPERR program were used to develop the requirements for the LFDC RFP and will continue to be implemented to improve the program. Howard Gibbs noticed that the table in the meeting package on page 18 did not include Wards 2 and 3. John's preliminary response was that Wards 2 and 3 did not have locations that met the criteria for the CIPERR program and follow up after the meeting is needed to confirm.

To ensure a smooth transition with the LFDC PMCM contract, the current LFDC and CIPERR task within the EPMC2F contract will be extended through December 2022. This contract was presented as a Non-Joint Use action item (refer Agenda Item VI) and was recommended to be forwarded to the board for approval.

The final topic of discussion was related to the Lead Task Force. The Task Force solicited an independent third party to produce a cost estimate for the program, including the costs for agencies beyond DC Water. The cost estimate should be provided in July 2022. The draft report has been published and DC Water / Lead Task Force proposed recommendations can be found on page 20 in the meeting package. The recommended items that DC Water generally disagreed with are listed below:

- An independent Auditor was recommended. Reference was made to the existing requirements for auditing when using federal funds and DC Water's internal auditing procedures and reporting mechanisms. There is also other reporting that is performed under the Transparency Act that relates to lead service replacement. DC Water's position is that the existing oversight and auditing mechanisms are well established and do not require additional auditing.
- DC Water to provide customers with filters for all known LSLs and Unknown SLs until replacement. DC Water does provide filter kits when work is performed by DC Water on LSLs, as it could cause short term increases in lead levels in the customer's water. Since LSL replacement requires customer consent, this may incentivize customers to maintain the status quo in lieu of replacing their LSL. Additionally, it is DC Water's opinion that federal funds should be used for its federal intent: "the removal of lead", and not for temporary strategies such as issuing filter kits.
- Using an independent third party for cost estimating may not capture the actual costs being incurred by the existing Lead Replacement Programs.

Ivan Frishberg raised a question about the background of the independent auditing request. Kishia Powell highlighted that this originated primarily from the public members on the task force who expressed the desire to make the program transparent and have reporting made available online for the general public. During the early stages of the Task Force formation, the planning level program costs provided were not as well defined as they are currently. Additionally, comparisons were made between the costs and execution of LSL replacement in other jurisdictions. DC Water continues to provide insights into the factors that justify the differences, which is helping to alleviate concerns within the task force.

Refer to page 21 of the meeting package for areas the Task Force proposed to be codified with legislation.

V. PFAS BRIEFING

Kishia Powell, Salil Kharkar, Maureen Schmelling, and Haydee DeClippeleir presented the PFAS briefing. The goal of the briefing was to make the committee aware of the recent EPA Health Advisory Levels for PFOA and PFOS, and their expedited schedule for establishing MCLs for PFAS. With minimal scientific studies related to PFAS currently available, DC Water is planning to conduct research at its own facilities to obtain data on PFAS in the system. The focus of the briefing was on programs regulated by EPA. Further details can be found on pages 22 to 42 in the meeting package. A summary of discussion is provided below.

Salil Kharkar provided a brief background. PFAS is a generic term used to describe around 4,000 manmade chemicals that are well known for having a high resistance to almost everything – forever chemicals. Salil clarified that while the upcoming regulations are specific to water and drinking water, this is a “one water issue”.

These chemicals are found in many different products, and therefore pinpointing the source of the substances can be extremely challenging. However, what is known is that due to the highly resistant nature of these substances, PFAS is likely to end up in our source water, wastewater, and biosolids. PFAS is not produced at water and wastewater treatment plants, but DC Water will need to understand the relationship to outside sources.

Of particular concern is that PFAS compounds are under consideration to be labeled as Hazardous Waste and regulated under CERCLA. The U.S. House of Representatives have already passed a bill. If adopted, the impact to DC Water is a ban on land application of Bloom.

Drinking Water

Maureen Schmelling presented specific details related to the Drinking Water system. In June 2022, the EPA issued interim health advisory levels for PFOA and PFOS, which were much lower than the method reporting limits for Unregulated Contaminant Monitoring Rule (UMCR). Though not enforceable, it is intended to educate consumers and give an indication of the EPA’s intended MCL goal. EPA also issued final Health Advisories for GenX Chemicals.

Local drinking water PFAS data was presented on page 28 in the meeting package. The key takeaway is that as the method reporting limits decrease, the amount of positive detects are increasing. The method reporting limits are trending downwards as test methods improve. In 2014, reporting limits were 20-40 ppt as compared to the UCMR 5 Method reporting limit for both PFOS and PFOA of 4 ppt. Comparing this with the June 2022 Health Advisory, PFOS and PFOA levels are 0.02 ppt and 0.004 ppt, respectively. Note: The 2021 John Hopkins Bottled Water study demonstrates that even bottled water contains detects above the recent health advisory levels.

For direct comparison, WSSC had non-detects for PFOS and PFOA in 2014-2017 when the reporting limit was 20-40 ppt. In 2020-2022, WSSC has 75% and 65% detects for PFOS and PFOA respectively when the report limit was 2 ppt. Since Washington Aqueduct manages treatment for the distribution system, DC Water anticipates the new method reporting levels and MCLs will detect PFAS in the system and it will require significant increases in the Washington Aqueduct capital budget to monitor and control PFAS in the near future.

Maureen stated the EPA’s plans to set the final MCLs in early 2024 with a draft for public comment in fall of 2022. Once the MCLs are finalized, the next step for the EPA is to engage with regional partners to track sources of PFAS. This is a very aggressive schedule. Per EPA recommendation,

DC Water has begun communicating information regarding PFAS on the website. Additionally, EPA is in the process of scheduling a meeting with DC Water to discuss future monitoring plans.

Wastewater and Biosolids

Haydee De Clippeleir presented details related to the Wastewater System and Biosolids. The key message conveyed was that no regulations exist for wastewater treatment but considering the recent Health Advisory levels set for Drinking water, it is likely wastewater treatment will follow in the near future.

Haydee referenced results from a national survey of 50 WWTPs conducted by the EPA and other studies measuring the influent and effluent concentrations of PFAS (refer to page 31 in the meeting package). A couple observations were gleaned from the studies. First observation was that influent concentrations were frequently less than the effluent. It was explained that precursors, added to the PFAS chemical chain to make them safer, break down throughout the treatment process as a result of biodegradation, and transform the PFAS substance back to its original form. The second observation was that PFAS was almost always detected if monitored.

Since the EPA's goal is to limit PFAS discharges from Public Owned Treatment Works (POTWs), DC Water will perform studies that focus on PFAS source tracking and elimination. In the absence of guidelines from the EPA, DC Water will proactively perform studies and develop an enhanced sampling campaign to collect data and quantify the concentrations. Details of this campaign can be found on page 35 in the meeting package. The study will include all upstream jurisdictional and industrial sources and determine the transformations occurring in the treatment process.

Regarding schedule and timelines, DC Water's WWTP permits expire in 2023 and it is anticipated that PFAS monitoring requirements will be added. Many states are ahead of the EPA in implementing monitoring requirements. DC Water is also tracking the draft limits (CCC) chronic water quality criteria for Aquatic Life and the impact it may have on future regulations.

The final topic discussed was the impact of PFAS regulations on Biosolids and land application. In the state of Maine, significant PFAS bans were implemented based on an incident in the dairy industry. There is no literature containing evidence to support these bans. DC Water has partnered with the University of Arizona to perform a study on the migration of PFAS compounds through soil to groundwater by comparing areas that have biosolids land applied versus areas that have not. Preliminary results indicate minimal movement. This study is being expanded to a national level to determine if varying climate and environmental conditions impact the migration. Ultimately, DC Water is being proactive to collect data and develop an informed opinion ahead of the EPA drafting regulations to position itself to provide meaningful feedback. If land application of biosolids is banned, this would leave incineration and landfilling as the only two options for disposal. If PFAS is classified as a Hazardous Waste and regulated under CERCLA, then the landfill option will also no longer be available.

Public Communication

Kishia Powell concluded the briefing stating that the most important next step is Public Communications. Some of the challenges discussed include, 1) EPA estimates that only 20% of human exposure is from Drinking Water, 2) There is no existing method for quantifying PFAS at the June 2022 Health Advisory Levels, and 3) EPA recommendation for use of filters for PFAS only reduce PFAS to 70 ppt.

As the PFAS topics are covered in national media, DC Water expects to see an uptick in customer inquiries. To date there has been minimal inquiries about PFAS at local utilities but DC Water has updated their website with PFAS information, which was reviewed by the EPA. Industry understanding of PFAS, and the regulations are still in its infancy and therefore DC Water plans to take a proactive and transparent approach. DC Water will continue to coordinate nationally with other organizations working on this PFAS issue and update the website as new information becomes available.

Ivan Frishberg made a comment about the pie chart on page 41 of the meeting package. The comment highlighted that it would be useful to have a table that compared the impact to humans for each category relative to each other. Additionally, it was suggested that in our public communication DC Water should be clear about what aspects of PFAS elimination are supported. The example was given that DC Water would support any activity around source reduction but may not be involved with eliminating the use of Sharpies markers.

Andrea Crooms commented about liability and indemnification. Utilities are largely treating water that was polluted by others and the question about how legal actions are taken against polluters was raised. Marc Battle from the legal team responded that this aspect was being considered but should not be discussed in an open forum. An executive session can be scheduled in the future to discuss more details.

Wayne Griffith commented on the importance of the PFAS topic and its broader relation to the Enterprise Risk Management Program. One of the top tier items is the changing regulatory landscape and the risk that it brings to the Authority. The information being obtained from the upcoming studies and enhanced sampling campaign will be considered in the risk management plans.

VI. ACTIONS ITEMS:

Specific details of the report can be found on pages 43 to 60 of the meeting package. The notes below list the action items and highlight key topics discussed during the meeting. There were no objections to the Chair's recommendation for board approval.

JOINT USE

1. Contract No.: 10195 - Janitorial Services, Clean Team Janitorial Services
2. Contract No.: 10196 - Fire Protection Systems, BFPE International Inc.
3. Contract No.: 220090 - Heavy Cleaning of Major Sewers, Mobile Dredging & Video Pipe, Inc.
4. Contract No.: DCFA 503 - Wastewater Treatment Program Manager II, AECOM

NON-JOINT USE

1. Contract No.: 220040 - Sanitary Sewer Lateral Replacement Contract, Anchor Construction Corporation
2. Contract No.: 220110 - Water Infrastructure Repair & Replacement Contract, Capitol Paving
3. Contract No.: DCFA 470 - Basic Ordering Agreement –Infrastructure XVI, Ramboll
4. Contract No.: DCFA 502 - Engineering Program Management Consultant 2F, Mott MacDonald I&E, LLC
5. Contract No.: DCFA 519 - Lead Free DC Program Management & Construction Management, Joint Venture (JV) of Ramboll Engineering, PC and CDM Smith Inc.

Joel Grosser presented joint use items 1 & 2. William Elledge presented joint use action item 3 and David Parker presented joint use action item 4.

Rudy Gonzalez presented non-joint use items 1 & 2 and William Elledge presented the remaining non-joint use items.

ACTION ITEM HIGHLIGHTS:

For joint use action item 4, Jared McCarthy commented on the \$20 million budget increase on a \$25 million contract, and the increased cost per year. David Parker referenced the update provided on “Engineering In-sourcing Plan” at the May 19, 2022, EQ & Ops meeting. The original contract assumed insourcing would be more advanced. Due to hiring/training challenges and attrition, DC Water was not able to perform their role as anticipated and will need additional time and budget to extend AECOM’s contract for continued support through the end of 2024.

Ivan Frishberg inquired if there were any underlying flaws in the assumptions for insourcing currently contracted work. David Parker commented that the strategy is not flawed, but some of the external factors impacting the process were not controllable. Howard Gibbs followed up with similar concerns about the cost but supports the contract extension since the work being performed is highly technical and there are significant risks associated with an improper transition.

VII. OTHER BUSINESS / EMERGING ISSUES

No Other Business

VIII. EXECUTIVE SESSION

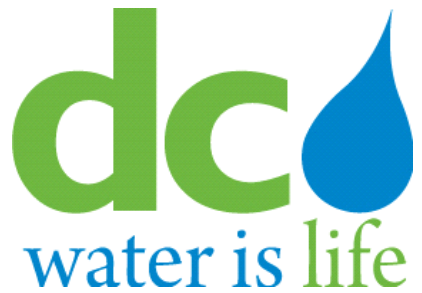
The Committee entered into the executive session and reconvened into the open session 12:05 p.m.

IX. ADJOURNMENT

Meeting was adjourned at 12:07 p.m..

Follow-up Items

1. John Deignan (Program Manager, Lead Services): To follow up to confirm statistics for Wards 2 & 3 for the table in the meeting package on page 18.
2. Kisha Powell (COO): Public Communication team to consider including more specific information to the public about what aspects of PFAS elimination are being supported by DC Water.
3. Kishia Powell (COO): Add “PFAS Liability and Indemnification” as an agenda item in a future executive session.
4. Ivelisse Cassas (Director, Security): To provide a brief summary to EQ&Ops Committee on the kinds of fire systems used by DC Water.



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

Board of Directors

Audit & Risk Committee

Thursday, July 28, 2022

9:30 a.m.

Meeting Minutes

COMMITTEE MEMBERS PRESENT

Floyd E. Holt, Chairperson
Anthony Giancola, Committee Vice-Chair
Howard Gibbs, Committee Member
Jed Ross, Alternate Committee Member
Steven Shofar, Alternate Committee Member

INTERNAL AUDIT STAFF PRESENT

Dan Whelan, RSM US LLP
Samantha Bement, RSM US LLP
Sophie Tomeo, RSM US LLP

DC WATER STAFF PRESENT

Linda Manley, Secretary to the Board
Wayne Griffith, EVP Strategy & Performance
Marc Battle, EVP Legal Affairs

Call to Order (Item 1)

Mr. Floyd Holt called the Audit & Risk Committee meeting to order at 9:31 AM.

Roll Call (Item 2)

Ms. Linda Manley performed roll call to confirm Committee members and management in attendance.

Enterprise Risk Management Briefing (Item 3)

Mr. Wayne Griffith provided a briefing on the Enterprise Risk Management (ERM) program activities over the past few months. The team has completed phase one of the ERM plan. The team has promoted the value of ERM, engaged in a series of one-on-one meetings with the Senior Executive Team, and delivered a presentation to front-line managers. There has been overwhelming support for advancing this function throughout the Authority.

Phase two of the ERM program will focus on embedding ERM into the Authority. The goals for phase two include gaining a deeper understanding of top enterprise risks, their underlying root causes and drivers, and the associated risk indicators to enable more effective risk-informed decision-making. Phase two will also focus on the ability to report on top enterprise risks that face the Authority along with their trends, develop methods to promote a strong risk-aware culture, and drive engagement. Finally, the ERM team will be leveraging the Origami Risk GRC Solution to support ERM processes.

Mr. Griffith continued that ERM is important to the advancement of Blueprint 2.0. He went through the proposed schedule for phase two of the project. The team will look to commence the risk analysis of the top three enterprise risks, document and summarize the findings, finalize risk response plans and key risk indicators, implement Origami, and develop internal training surrounding the Origami platform.

Mr. Tony Giancola asked what the meaning of Origami was in this context.

Mr. Griffith responded that it is the brand name of the GRC technology.

Mr. Jed Ross added that the official name of the software is Origami Risk, and it is a powerful information system on AWS Cloud. Mr. Ross noted that in his experience the Origami module for ERM was extremely sophisticated. He inquired whether there were any concerns about the complexity and the Authority's ability to use the technology to the fullest.

Mr. Griffith responded that the team considered a number of different solutions, many of which they found to be more robust than Origami. Additionally, Origami had the advantage of cost savings since the platform is already used in the safety and finance departments. The team does not plan to implement the full risk module immediately. Instead, they plan to slowly implement the entire module over the next few years.

Mr. Ross explained that he was more concerned about the ability to use the technology to the fullest extent, but not concerned about Origami specifically. In his experience at the District, they found Origami to be too sophisticated and a significant amount of work to implement. He believes there can be value in Origami, as long as it is robustly used. He echoed that the process of implementing the full capabilities will take a number of years.

Mr. Holt added that the Origami platform is large and robust, but it is scalable. He recommended using the module as it was packaged and not editing the base code.

Internal Audit Update (Item 4)

Mr. Dan Whelan, RSM Partner, introduced the update on the Internal Audit progress. Mr. Whelan noted that the team would present a status update on completed projects, including one internal audit and one management assessment during open session, along

with one internal audit in executive session. Mr. Whelan noted that the Employee Retention Assessment timing was delayed, due to extra time needed to socialize the survey before distribution and increased time for the survey to stay open to allow for a more robust collection of data. The Employee Retention Assessment report will be presented at the next Audit Committee meeting. Mr. Whelan noted that the FY2023 Risk Assessment will kick off next week. To the extent that there has been work done related to Enterprise Risk Management, the Internal Audit team will leverage those exercises and activities and incorporate them into the risk assessment process.

Ms. Sophie Tomeo, RSM Manager, presented the status of high-risk prior audit findings. All high-risk prior audit findings are in pending testing or closed status as of July 2022. Ms. Tomeo continued that 96% of audit findings prior to FY 2021 have been closed. There are currently three open findings from prior to FY 2021. The first is the Fleet Management Review, which is related to updating the fleet policy. The second is the Occupational Safety and Health, which is with the Union to review. The third is from the Customer Billing and Collections Audit, related to engaging a multi-family receiver. Prior to COVID, there was not a receiver in place. A receiver has now been identified, but the receiver has not yet been engaged, due to the timing of collection activities. However, the team expects the multi-family receiver to be engaged over the next month.

Mr. Ross inquired for the name of the receiver. Ms. Tomeo responded she would find out and circle back.

Ms. Tomeo continued that there are two open findings from FY 2021. The first is the Succession Planning Review and the second is the Remote Workforce Security Review.

Mr. Giancola congratulated the Authority employees and RSM's internal audit on the efforts that have been made to complete the high-priority items. Mr. Howard Gibbs added that it has been a remarkable turnaround.

Ms. Tomeo introduced Ms. Samantha Bement, RSM Engagement Director, who went on to explain the scoping and purpose of the Strategic Plan Monitoring Internal Audit. The purpose of the review was to obtain an understanding of the processes and controls that management has in place for managing and monitoring the progress of the strategic plan and evaluating whether these adequately promote the achievement of management's objectives. The scope included evaluating how the strategic plan is managed at the imperative level, determining how the strategic plan is monitored for completion, determining how the progress of the strategic plan is communicated, identifying process improvement opportunities, and recommending internal control enhancements. The Blueprint 2.0 strategic plan is comprised of five imperatives, twenty-five themes, and one hundred and twenty-three goals, all of which have assigned ownership throughout the Authority to ensure that there is progress and accountability for all aspects of the plan.

Ms. Tomeo shared that the testing period for the Strategic Plan Monitoring Internal Audit was from January through June of 2022. The reason for the short period was that the one hundred and twenty-three goals were not finalized until January. It is a very new process for the strategic management team. The team has created a control environment to monitor the goals. As new controls are operating for the first time, internal audit was able to provide real-time insights, recommendations, and identify control gaps as they are still in the development phases of what monitoring will look like going forward.

There was one high-risk finding from the Strategic Plan Monitoring Internal Audit that was related to missing, incomplete, or outdated data around the one hundred and twenty-three goals. For each of the one hundred and twenty-three goals that management has identified, there are measurable key performance indicators associated so management can track progress. There were a number of goals that were incomplete and weren't being reported out yet or there was outdated/incomplete data from prior periods that had not yet been updated in the Goals Master Tracker. The target date for the closure of this finding is March 2023. There was one additional low risk finding.

Ms. Tomeo went on to cover the Expenditure Analytics Management Assessment. This year internal audit is delineating between audits and management assessments. The purpose of this review was to analyze expenditures at the Authority to help identify trends that could inform management review of transactions and facilitate improvement opportunities. The scope was based on objectives around vendor master data and disbursements, work order management for time and material costs, and time and expense records. The assessment was analytics-driven and did not include transactional testing to determine operating effectiveness of internal controls. The procedures were not created to identify instances of fraud, but rather identify outliers and abnormalities. There were no blatant instances of fraud identified, and internal audit provided management with an interactive Tableau dashboard of analytics results that will allow them to review trends and anomalies in more detail.

Ms. Bement provided a hotline update. The hotline has received two calls since the last Audit Committee meeting. The first was related to workplace violence which was referred to the EEO department, HR, and security. That case was closed as it did not relate to a Fraud, Waste, or Abuse issue. The second call came in last week and is under an ongoing investigation. The second call was related to an allegation of misappropriated assets through the payroll process.

Ms. Tomeo circled back to Mr. Ross's earlier question. The multi-family receiver RFP was sent and awarded to Patricia Williams, a small women-owned minority business. The Authority will begin using the receiver's services in August and moving forward.

Executive Session (Item 5)

There was a motion to move into Executive Session to discuss legal, confidential, and privileged matters pursuant to Section 2-575(b)(11) of the D.C. Official Code. It was so moved and seconded, and the motion carried. The meeting was cleared of non-Executive members and all public individuals. The Audit & Risk Committee went into Executive Session at 10:08 AM.

Adjournment (Item 6)

The Audit & Risk Committee meeting adjourned at 10:28 AM.



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

Finance and Budget Committee

Thursday, July 28, 2022

11:00 a.m.

MEETING MINUTES VIA MICROSOFT TEAMS

Committee Members

Anthony Giancola, Chairperson
Jared McCarthy
Adriana Hochberg
Sarah Motsch

DC Water Staff

Matthew T. Brown, CFO & EVP, Finance and Procurement
Lola Oyeyemi, Director, Budget
Ivan Boykin, Director, Finance
John Deignan, Program Manager, Lead Services
Linda Manley, Secretary to the Board

Other Board Members

Tommy Wells

Other Presenters

Nelson L. Bush, PFM Asset Management LLC

Call to Order

Chairperson Anthony Giancola called the meeting to order at 11:00 a.m.

June 2022 Financial Report

Ms. Lola Oyeyemi, Director, Budget, provided the monthly report by exception. At the end of June 2022, with approximately 75 percent of the fiscal year completed, operating revenues were \$619.8 million, or 77.5 percent of budget, operating expenditures were \$434.0 million, or 65.9 percent of budget, and capital disbursements were \$257.6 million or 45.4 percent of budget.

Next, Ms. Oyeyemi reported that the FY 2023 Board-adopted budget has been published online at www.dewater.com. She commended the Finance staff who leveraged the new budgeting module of the Enterprise Resource Planning system to author and publish the budget documents. She went on to report that planning activities are underway for the development of the FY 2024 budget which will be delivered to the Board in January 2023. Ms. Oyeyemi also noted that the Series 2022A Forward Direct Purchase agreement with JP Morgan, negotiated during the COVID-19 pandemic, was finalized on July 5, 2022.

Ms. Oyeyemi reported that the overall revenues, operating expenditures and capital disbursements as compared with the budget are consistent with previous reports to the Committee. The higher than anticipated receipts are in the areas of Residential, Commercial and Multi-family category. Operating expenditures reflect higher spending for chemicals and energy

based on the current market conditions, and the overall capital disbursements are below budget due to lag in spending for the overall capital program. Ms. Oyeyemi stated that the Authority is still projecting to come in within the overall budget. Chairperson Giancola noted that the capital program is at 45 percent however we are at 75 percent of the fiscal year, and he remains concerned on how much can be completed at the current rate by the end of the fiscal year.

Ms. Oyeyemi reported that the total cash balance was \$834.6 million at the end of June, including the Rate Stabilization Fund balance of \$46.1 million. The interest income for the month of June is \$55 thousand and \$820.5 thousand year-to-date. The retail accounts receivable report reflects a delinquent amount of \$29.6 million for 13,131 accounts, or 10.1 percent of the total customer accounts at the end of June. She noted that additional information on delinquent impervious only accounts has been included in the report.

Next, Ms. Oyeyemi reviewed the accounts payable performance which was 96 percent for invoices paid within 30 days and reflects a significant improvement compared to previous quarters during the transition to the new financial system. She provided highlights of the grants report, ending the third quarter with \$527.8 million in total federal funding for active projects through June. In May, DC Water received a payment of \$982.7 thousand from FEMA as a reimbursement for eligible COVID-19 costs under the Presidentially Declared Disaster Public Assistance COVID-19 Grant. This grant provides reimbursement such items including PPE, health screening, deep cleaning, flexi glasses for FY 2020 and FY 2021. Other costs for inventory and materials management are under review for submission for reimbursement in the future.

Lead Free DC Program (LFDC)

Mr. John Deignan, Program Manager, Lead Services, updated the Committee on the progress of the LFDC Program. Since the launch of LFDC, DC Water has provided 2200 total replacements, including 1,100 free and discounted replacements, saving customers more than \$3.2 million in direct private-side costs. He noted that homeowner participation has been a challenge throughout the program, however expanded outreach and promotional efforts have increased signed homeowner agreements from 40 percent to 63 percent for the block-by-block program, and homeowner participation on blocks under construction from 68 percent to 74 percent.

Next, Mr. Deignan provided an overview of the procurement strategy in selecting two construction contractors to complete test-pitting to verify service line material. Both contractors have different strategies, however one is making more progress than the other. The long-term plan is to pick one to continue forward. In response to Chairperson Giancola why one contractor was performing at a lower rate than the other, Mr. Deignan explained that this contractor has a higher learning curve with test-pitting, experienced issues with timing of work, and engagement with certified businesses and subcontractors. DC Water is working to get the contractor back to baseline. Next, Chairperson Giancola inquired why some wards are not listed on the chart, and if they have lead service lines. Mr. Deignan responded that the prioritization model shows the first 150 blocks selected, and the blocks chosen were the ones with the highest priority scores for the first year of projects and that locations were not in some of the wards. He also noted that the LFDC program is currently behind schedule, however, lead service replacement is ramping up, and the projected completion target has been extended through December.

Next, Mr. Deignan reviewed recommendations that are being proposed for legislation by the Lead Task Force to further enhance the program. He highlighted the areas of general agreement and disagreement with DC Water and provided a summary review of the recommendations that are being proposed for legislation. These include mandates for replacement, incentives and penalties, customer outreach and notifications, prioritization/lead assistance programs, auditor and monthly reporting, filter program, and thermal expansion tank for premise building. Legislative language has been drafted by the Task Force with ongoing public feedback before the legislation is finalized by the Council.

In closing, Mr. Deignan noted that there have been discussions with the Department of Energy and Environment (DOEE) about the use of federal funding for both public and private side replacements. He explained the Justice40 initiative by the White House which requires that 40 percent of federal investments should flow to disadvantaged communities. Based on the preliminary analysis, approximately 49 percent of the total estimate cost for the LFDC work is in the disadvantaged areas for both public and private side replacements.

Market & Portfolio Update

Mr. Nelson Bush from Public Financial Management updated the committee on the financial market and DC Water's portfolio. Mr. Bush stated the market is all about inflation with the Federal Funds Rate increasing at a rate higher than ever before. The Federal Open Market Committee may decrease rates in 2023 with an attempt to slow down inflation and avoid a recession. The two-year Treasury yield impacts DC Water's portfolio. With rates declining since June 2022, lower long-term yields have been priced into the portfolio investment strategy.

Mr. Bush went on to review the security purchases to date. He highlighted that the operating reserve accounts represent a stable account where the balances are not anticipated to be spent but serves as a protection for the days of cash on hand metrics. Additional accounts are liability accounts such as construction fund accounts that will be spent but brought back with new bond issuances in the future. The new investment strategy as of October 2021 is beginning to affect the portfolio where yields will increase with new purchases made in July 2022, so DC Water is gaining value. Funds will be reinvested at current market rates. Chairman Giancola requested a brief summary report to highlight the investment strategy and results and establish performance goals.

Follow-up Item

- Provide a summary page in the monthly report to highlight investment strategy and yields. (Giancola)

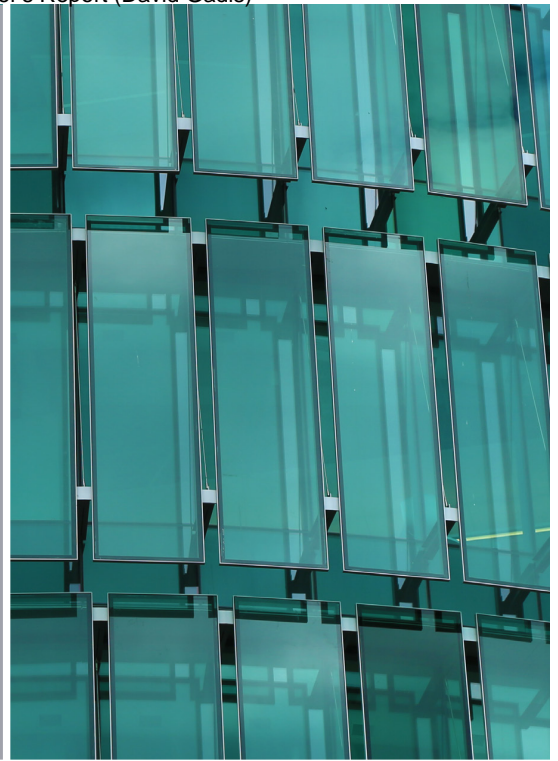
Adjournment

Hearing no further business, Chairperson Anthony Giancola adjourned the meeting at 11:44 a.m.



CEO's Report

SEPTEMBER
2022



ACCOUNTABILITY TRUST TEAMWORK CUSTOMER FOCUS SAFETY WELL-BEING

Inside

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dc Highlights

Chair Wells and members of the Board, it is my pleasure to present you with the CEO's Monthly Report for September 2022.

True to form, August once again proved to be a volatile month weather-wise, unleashing powerful thunderstorms that inundated parts of the District. I detail the impacts of those storms and our response below.

This report captures the highlights of the team's efforts across the five imperatives of the Blueprint 2.0 strategic plan: **Sustainable, Equitable, Reliable, Resilient, and Health, Safe and Well.**

Resilient

Floods Cause Damage, Disruption in District

In the second week of August, two storms – 2 days apart – unleashed torrential rain in the region and caused isolated flooding issues and disruptions for residents and businesses in the District. The Wednesday, August 10 storm brought especially intense precipitation; one of our gauges in Northeast recorded two inches of rain in only 30 minutes, an intensity equal to a 25-50 year storm.

The area along Rhode Island Avenue, under the Metro tracks, is a known flooding risk and has experienced chronic flooding over the years. A new business adjacent to this underpass, District Dogs, was among local businesses that were impacted, experiencing flooding on both August 8 and August 10. The flooding of District Dogs received extensive media coverage and was mentioned in numerous stories on the floods.

On Thursday, August 11, I received a letter from District Councilmember Kenyan McDuffie (D-Ward 5), who is the Chair Pro Tempore of the Council, and a member of the Committee on Transportation and the Environment, which provides oversight on Authority operations. The letter expressed Mr. McDuffie's concerns regarding a perceived lack of communication from DC Water, the District Department of Energy and the Environment, and other District agencies related to stormwater and flooding.

On Thursday, August 11, **Kishia Powell** (Chief Operating Officer and EVP / Engineering and Operations) and I met with Mayor Bowser, Councilmember Kenyan McDuffie, with other civic leaders and representatives from District agencies to offer a briefing on the situation and the possible steps the Authority and the District could take to assist affected business and homeowners.

We also toured District Dogs and met with the owner, Jacob Hensley, to express our commitment to collaborate and identify mitigating approaches to future flooding and assist local residents and businesses with recovery.



dc Highlights

Resilient continued

Floodwall Grant BRIC Process and Pending Award

As you know, some of our own facilities are also vulnerable to the increased risk of flooding due to climate change, and we have been taking action to make them more resilient.



On Thursday, August 4, I received word from **Dusti Lowndes** (Director, Emergency Management / Shared Services) that the Federal Emergency Management Agency (FEMA) has announced the recipients of the FY2021 Building Resilient Infrastructure and Communities (BRIC) awards.

The Blue Plains Advanced Wastewater Treatment Plant Flood Wall Project was selected for further review. In the BRIC grant process, projects that have been selected for further review are highly likely to be awarded, as the funding is earmarked for this project.

Upon award, FEMA will provide \$20.3 million in grant funding for the design and construction of the remaining segments of the floodwall protecting the Blue Plains campus. This significant award represents 70% of the total project cost, which is projected to reach \$29 million.

The grant application for BRIC funding was a collaborative effort of the Office of Emergency Management, Wastewater Engineering, Finance, Procurement, Facilities, Security, the Office of Marketing and Communications, and Arcadis, who assists the Authority with FEMA and HSEMA reporting and supports our hazard mitigation grant applications.

Equitable

Building a Culture of Diversity, Equity, and Inclusion

At the beginning of August, **Lisa Stone** (Chief People and Inclusion Officer and EVP / People and Talent) and **Josh Tatel** (Senior HR Business Partner / People and Talent) traveled to Cincinnati, Ohio to participate in the AWWA Transformative Issue Symposium "Embracing Our Differences." It was the Association's first-ever conference dedicated to diversity, equity, and inclusion.



The Authority presented 'Operationalizing Blueprint 2.0: Bringing DEI Into Reality for Our Employees and Customers' at the Community Engagement Session. Joining us on stage were Kelley Dearing Smith, vice-president of communications and marketing for the Louisville Water Company, and MaryLynn Loder, general manager of Miami Conservancy District.



NACWA Honors DC Water with Excellence in Management Gold Recognition

In late July, the National Association of Clean Water Agencies (NACWA) recognized DC Water for Excellence in Management Gold Recognition, through NACWA's Excellence in Management Program. The honors were presented at the 2022 Utility Leadership Conference in Seattle, Washington.

The Excellence in Management program honors member agencies that are implementing management practices that address the range of challenges identified in the Ten Attributes of Effectively Managed Water Sector Utilities. To earn Gold Recognition, a utility has fully implemented, or has taken substantive steps to implement a total of seven of the Ten Attributes.

COO **Kishia Powell**, who also served as the President of NACWA, and **Kirsten Williams** (Chief Communications and Stakeholder Engagement Officer and EVP / Marketing and Communications) accepted the award on behalf of the Authority.

NACWA also recognized DC Water's 10th consecutive Peak Platinum Performance Award for 100% operational and effluent NPDES compliance, for ten consecutive years. It was only fitting that several of our front-line employees were on hand to accept the honor, including **Tiffany Dagley** (WWT Plant Operator 09 / Wastewater Treatment), **Clarence Gilliam** (Foreman / Wastewater Treatment), **Timothy Belt** (Industrial Electrician – Journeyman 11 / Maintenance Services), and **Moses C. Riley** (Technician, Process Systems / Maintenance Services). The front-line team was joined onstage by Ms. Powell and Ms. Williams.

Ten consecutive years of spotless performance is a remarkable testament to the outstanding performance of DC Water professionals contributing to permit compliance, from our engineers to our operators and asset managers.



Kirsten Williams Delivers Water Finance Conference Keynote Address

On Wednesday, August 17, **Kirsten Williams** (Chief Communications and Stakeholder Engagement Officer and EVP / Marketing and Communications) delivered the keynote address at the 2022 Water Finance Conference at the Hilton at Capitol Hill. I have heard from several sources that Ms. Williams provided a thorough and insightful analysis of the challenges facing water and wastewater utilities, and the approach that DC Water is taking to address those issues.



The Water Finance Conference is organized each year as forum for topics relating to utility finance, and is intended to engage utility executives, consultants and municipal advisors working in the areas of water, wastewater, and stormwater.

I had been scheduled to deliver the keynote but was unexpectedly called to Indianapolis on a family matter. Ms. Williams delivered my remarks, which were focused on the outlook for the water sector in the near-term, the many challenges we share with utilities nationwide, and the DC Water approach to navigating these issues.

Lola Oyeyemi (Director, Budget / Finance and Procurement) appeared on a panel discussion entitled 'Inflation and Impact of Economy on Local Water Infrastructure,' alongside Calvin Farr (General Manager & CEO, Prince William County Service Authority), Wayne Hoffman (Client Funding Manager, Wade Trim), and Karen Pallansch (General Manager & CEO, Alexandria Renew Enterprises).


Sustainable continued

DOEE Green Fellows Tour HQO

On Friday, August 19, a group from the District Department of Energy and the Environment (DOEE) Green Fellows Leadership and Development Program toured HQO. The tour, led by **Dr. Matt Ries** (Director, Strategic Leadership and Sustainability / Strategy and Performance), focused on the environmental components of our LEED Platinum-certified building, including the passive heating design, the wastewater thermal system, and the innovative re-use of industrial land for office space. HQO will be featured in a series of case studies on green buildings being developed by the Fellows.

Thank you to Dr. Ries for leading the tour group and explaining the benefits of our world-class, sustainable headquarters and offering some inspiration and encouragement to the Green Fellows.

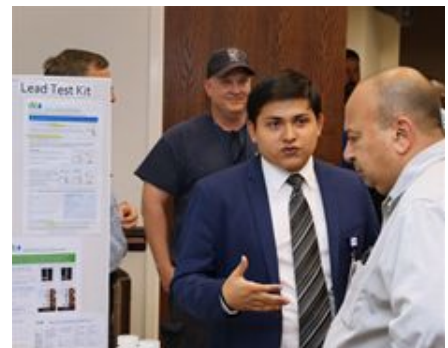
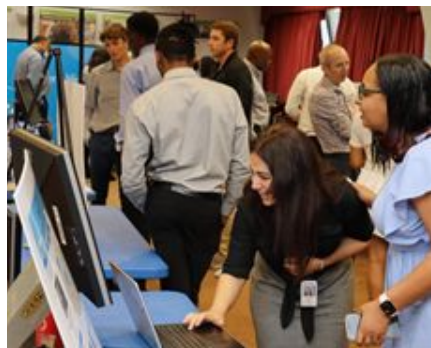
2022 Summer Intern Expo

Part of being a sustainable organization is ensuring the transfer of institutional knowledge and developing the next generation of water professionals and leaders. That's why I am so proud of DC Water's internship program, which resumed this summer after a two-year hiatus due to the pandemic.

The program concluded the first week of August with the Intern Expo where the 40 participants shared what they have been working on across the Authority. I came away from the event very impressed by the interns' creative thinking and approaches to problem solving.

The Expo offers our interns the opportunity to showcase their skills in an environment that encourages engagement with Authority executives and leaders. At the same time, the Expo offers our People and Talent team another chance to assess not only the creativity and intelligence of our interns, but also their presentation, communication, and people skills.

The Summer Intern program, and the Expo, are a key piece of the talent pipeline at the Authority, and the hope is that some of these promising young professionals will choose to launch their careers at DC Water when they graduate.



dc Highlights



Sustainable continued

Executives from Bangladesh Visit Skimmer Boats

On August 1, members of a trade mission from Bangladesh paid a visit to DC Water to see how we clear trash and surface debris off the Anacostia River. **David Shaffer** (Foreman, Small Craft / Sewer Inspection) and **Frank Torcisi** (Fleet Program Manager, Acquisition and Disposal / Shared Services) demonstrated the operation of our skimmer boats, and the group was joined by representatives from Aquarius, the manufacturer of the vessels.

The tour participants are distinguished guests from Bangladesh, including a federal agency Minister, Secretary, project directors of maritime authorities, and business executives. The host, and organizer, of the trade mission is the **U.S. Trade and Development Agency**. The trade team also planned to visit related sites in Baltimore, Vicksburg, Mississippi, and New Orleans before returning home.



Healthy, Safe and Well

Challenging Times

The serious health challenges we are facing seem to be swiftly multiplying. With business and communities still grappling with the impacts of the COVID pandemic, the threat of polio has returned, and the monkeypox virus continues to spread and is raising concerns that it could potentially become a pandemic as well.

The Authority continues to monitor public health guidance and updates from the Centers for Disease Control (CDC) and keep employees informed of related news and emerging data on viral surges.

I am encouraged though by the response of Team Blue to the COVID-19 pandemic.

Currently, 96.35% (1,081) of Authority employees are fully vaccinated.

People and Talent continues to work with the remaining 41 employees who are not fully vaccinated.

DC Water also continues to show low percentages of employees who have tested positive. Year-to-date results are 12.03%.



Divisions

The CEO report includes service level based key performance indicators. These are indicators for which the teams have established or confirmed response and resolution times in which to perform the related work. This is assisting us in identifying productivity and resource needs as well as benchmarking ourselves against other utilities. It is important to note that where teams may not meet the Service Level Targets set for a specific metric, it does not mean the work is not getting accomplished. The teams are doing a tremendous job and continue to strive to meet high performance expectations.

Financial Metrics

Metric	Target	Apr-21	May-21	June-22	July-22
Operating Cash Balance (millions \$)	\$235.6	\$258.8	\$261.9	\$244.6	\$248.2
Delinquent Account Receivables (%) [†]	3.3%	4.5%	4.6%	4.6%	4.6%
On-time Vendor Payments (%) ^{††}	97%	95%	95%	96%	96%
Investment Earnings Data (Thousands \$)	\$2,234.0	\$25.0	\$122.3	\$55.0	\$70.4
Core Investment Yield Data (%) - Merrill Lynch 1-3 Year Treasury Index [*]		2.6%	2.5%	3.0%	2.9%
Core Investment Yield Data (%) - Actual Monthly Yield ^{†††}	0.2% [*]	1.2%	1.2%	1.1%	1.2%
Short Term Investment Yield Data (%) - Merrill Lynch 3-Month Treasury Index [*]		0.8%	1.1%	1.7%	2.3%
Short Term Investment Yield Data (%) - Actual Monthly Yield ^{†††}	0.1% [*]	0.7%	0.8%	1.0%	1.1%
Days of Cash on Hand ^{**} and ^{***}	250.0 ^{**}	332.0	340.0	322.0	346 ^{***}

^{*} Represent annual Treasury Index targets developed and provided by the Authority's investment advisor.

^{**} 250 days of cash is the Board policy requirement for annual days of operating reserves excluding the Rate Stabilization Fund.

^{***} 346 days of cash is made up of 62 days in the Rate Stabilization Fund and 284 days in the operating cash balance.

Metrics Explanations:

[†] Delinquent account receivables as a percentage of 12-month rolling average revenue. The delinquent account receivables increased due to the impact of COVID-19.

^{††} Vendor payments percentage is not at the desired target primarily due to performance related to the transition from the legacy system to the new system, which includes tolerance configuration (Materials Management invoices), retention invoices, or system entries (non-payment entries, e.g., ROCIP funding), and user training related to receipts issues.

^{†††} Investment earnings lag the benchmarks. We are in a rising interest rate environment. As lower yielding investments are sold and reinvested, performance is expected to improve.

Finance Highlights

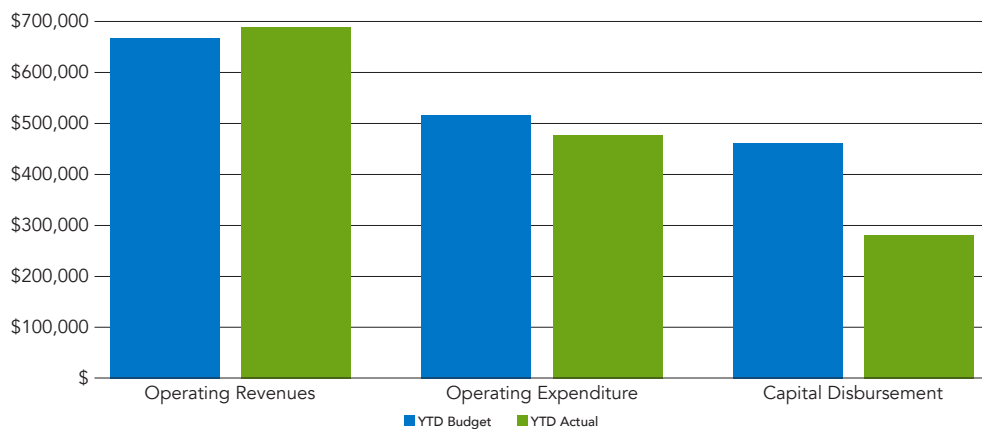
FY 2022 Financial Performance YTD

At the end of July 2022, with approximately 83 percent of the fiscal year completed, DC Water's budget is on track. The total operating revenues are \$691.6 million or 86.4 percent of the budget. Total operating expenditures are \$480.6 million, or 73 percent and capital disbursements are \$285.0 million or 50.2 percent of the respective budgets.

The operating expenditures reflect increased spending in chemicals and utilities due to higher than anticipated unit prices because of prevailing market conditions including supply chain issues.

Management continues to monitor spending with proactive steps to mitigate significant budget gaps and impact on other core operational needs. Overall spending remains within the budget and the forecast.

FY 2022 Year to Date Performance Budget vs. Actuals (\$000's)



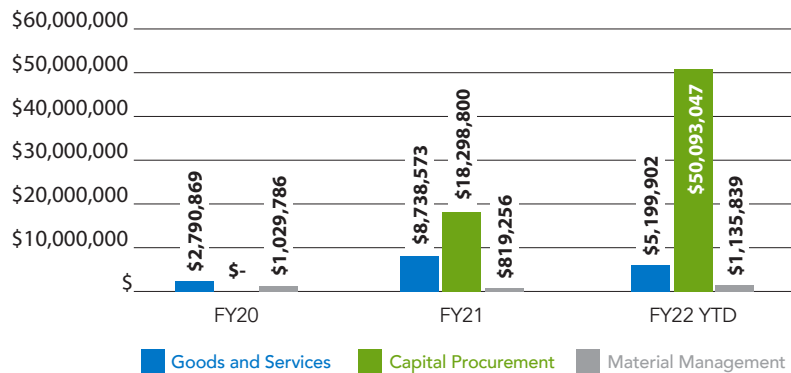
Procurement and Compliance

Key Compliance Activities

- Lead-Free DC Program Management solicitation resulted in the anticipated contract value that is \$32M less than the allocated budget.
- Sanitary Sewer Lateral Replacement solicitation resulted in the anticipated contract value that is \$11M below the allocated budget.
- Held an outreach for the construction phase of Lead-Free DC Lead Service Line Replacement (LFDC LSLR) Program.
- Hosted Industry outreach event for DCFA 518 Water and Sewer Assessment Support Service with 34 participants.
- Scott Perry of Materials Management contributed as an author to WEF's Book "The Water Professional's Guide to Infectious Disease Outbreaks", responsible for authoring sections on supply chain management in the Utility Management chapter of the guide as well as authoring the safety equipment and logistics section in the Health and Safety Chapter.
- Developed Oracle Supplier Training Video and posted on DC Water website to aid new firms registering to do business with DC Water.
- Compliance Meetings:
 - District's Workforce investment Council Board Meeting
 - District of Columbia Infrastructure Academy's Advisory Council Meeting
 - Hire Local DC Coalition Advisory Council Meeting
 - University of the District of Columbia DAWN Initiative Advisory Council Meeting
- Compliance Speaking Engagements:
 - Women's Business Enterprise National Coalition Quarterly Business Symposium (27 participants)
 - Capital Regional Minority Supplier Development Council "Meet and Greet" (52 participants)
 - DC Procurement Technical Assistance Center, "How to Do Business with DC Water" seminar (36 participants)
 - Coalition for Nonprofit Housing and Economic Development Monthly Business Meeting (23 participants)
- Apprenticeship: Daryl Smith, Wastewater Apprentice, obtained his ABC I certification.

Cost Savings (negotiated savings and cost avoidance)

The chart shows the cost savings from FY 2020 to FY 2022 year-to-date achieved by Procurement through the competitive solicitation process in the Capital Project and Goods/Service solicitations and the cost avoidance achieved in the Materials Management through the inventory optimization. The cost saving for Capital Procurement was not tracked in FY 2020.



There are 71 new hires as of October 1, 2021

DC	24
PGC	24
MC	5
FC	4
LC	0
Out of User Jurisdiction	14

- Total Hires from the DC Water User Jurisdiction: **57 (80%)**
- Total Hires from outside the DC Water User Jurisdiction: **14 (20%)**

Certified Firm Participation in new Awards in July 2022:

The Board approved four actions (awards/ change orders in July).

A/E Awards		Construction Awards	
Total #	2	Total #	2
Total Value	\$14M	Total Value	\$22.45M
Planned DBE Participation	\$3.92M (28%)	Planned DBE Participation	\$6.06M (27%)
Planned WBE Participation	\$.56M (4%)	Planned WBE Participation	\$.82M (4%)

Procurement and Compliance - continued

Upcoming Business Opportunities

All current and planned solicitations are available at dcwater.com/procurement.

Those upcoming in the next two months are shown below:

Capital Procurement

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Delivery Type	Eligible Inclusion Program
July, 2022	Small Diameter Water Main Replacement IDIQ	RFQ	\$120M	Bid Build	DBE/WBE
July, 2022	Miscellaneous Facilities Upgrade - Phase 8	RFP	\$50M	Bid Build	DBE/WBE
July, 2022	Lead Free DC Construction Contract	RFQ	\$300M+	Bid Build	DBE/WBE
August, 2022	Small Diameter Water Main Repl. 16A	IFB	\$10M	Bid Build	DBE/WBE
August, 2022	Fort Stanton Solar Project (Phase 2)	RFP	\$350K	TBD	TBD
August, 2022	Potomac River Tunnel Project (Construction Management)	RFP	\$40M	Construction Mgmt	DBE/WBE
August, 2022	Hauled Waste Receiving Facility	TBD	TBD	TBD	TBD
September, 2022	Out of Service LDWM Elimination Contract 1	TBD	TBD	TBD	TBD
October, 2022	Subsurface Utility Engineering BOA	RFP	\$2.5M	Design	DBE/WBE
October, 2022	Sanitary Sewer Rehabilitation 10	TBD	TBD	TBD	TBD
October, 2022	Electrical Sub-Station Replacements	TBD	TBD	TBD	TBD
October, 2022	COF/IT Electrical System Upgrade	RFP	\$10M	Bid Build	DBE/WBE
October, 2022	PI Phase 4 Rehab (Fairfax and Loudon Co.)	RFP	\$20M	Bid Build	DBE/WBE
November, 2022	Major Sewer Rehab 1-5 Northeast Boundary	TBD	TBD	TBD	TBD

Goods and Services Procurement:

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Eligible Inclusion Program
July, 2022	Financial Advisory Services	RFP	< \$1M	LSBE
July, 2022	Investment Advisory Services	RFP	< \$1M	LSBE
July, 2022	Protective Services	RFP	> \$10M	DBE/WBE
July, 2022	Employee Assistance Program Benefit	RFP	< \$1M	LSBE
July, 2022	Financial Staff Augmentation	RFP	\$1-\$5M	DBE/WBE
November, 2022	Medical Benefit Plans for Employees	RFP	> \$10M	DBE/WBE

Shared Services National Preparedness Month

2022 Theme: A Lasting Legacy.

The life you've built is worth protecting. Prepare for disasters to create a lasting legacy for you and your family.

National Preparedness Month is observed each September to raise awareness about the importance of preparing for emergencies that could happen at a moment's notice. This national effort, sponsored by the Federal Emergency Management Agency, brings to light the whole-community approach that it takes to be prepared when disaster strikes, and the continued efforts needed in training and readiness.

DC Water's Office of Emergency Management (OEM) takes that same mantra and works to ensure staff and our customers are prepared. This is accomplished through a comprehensive planning and training process with DC Water departments and staff of all levels, and through public communication campaigns, as seen in September's "What's on Tap?" issue. Preparedness is a ONE BAND approach.



Blue Plains Hazardous Materials Training and Drill – June 2022

Collaboration within the District of Columbia and response partnerships

DC Water participates and sponsors numerous outreach events, trainings, and exercises throughout the calendar year across the National Capital Region. OEM supports these efforts and continues to host guests throughout the year to continue education on the water and wastewater sector. Additionally, OEM shares several resources and documents throughout the year to keep staff prepared and ready.

National Preparedness Month within DC Water

OEM coordinates preparedness activities, from planning, training, and exercises throughout the year with DC Water employees and contractors. In September, OEM enhances those efforts to ensure we are not only prepared at work, but at home. OEM has covered the following topics:

- What is Preparedness Month?
- Preparing you and your family for emergencies
- What's in your go kit?
- DC Water resources available to help you prepare

National Preparedness for DC Water Customers

The September's "What's on Tap?" Issue informs readers on what DC Water is doing to support hazard mitigation activities and share our story as we continue to lead the water sector in hazard mitigation efforts. The articles highlight several exercises and events held this past year in support of our critical customer programs. Communication during emergencies is vital and these events help inform our critical customers on how to sign up for alerts, what those alerts look like, where they can find guidance information, and how they can request support.

The District of Columbia, Maryland, Virginia, the Federal Emergency Management Agency, and other federal partners provide numerous resources on their websites

and often hand out hard documents at outreach events, which are important to have before, during, and after an emergency. You can find some of the website linked resources below.

- [National Preparedness Month | Ready.gov](https://www.ready.gov)
- [September is Preparedness Month | US EPA](https://www.epa.gov)
- [Be Prepared | readydc](https://www.readydc.com)
- [Maryland Department of Health September Is National Preparedness Month](https://www.health.maryland.gov)
- [National Preparedness Month | VDEM \(vaemergency.gov\)](https://www.vaemergency.gov)



Fleet, Facilities, Safety, Security and Emergency Management

Shared Services Metrics

Metric	Target	Apr-22	May-22	June-22	July-22
Security: Camera operational uptime	90%	96%	96%	97%	97%
Security: Smart card readers operational uptime	90%	99%	99%	100%	100%
Security: Percent of security investigations completed within 21 days	95%	100%	100%	100%	100%
Facilities: Preventive Maintenance Completion Rate	90%	39%	67%	18%	89%
Facilities: Service Request Completion Rate	90%	55%	59%	69%	56%
Fleet: Preventive Maintenance (PM) on Schedule	96%	35%	20%	33%	37%
Fleet: Priority Vehicles/Equipment (In-Service)	96%	69%	75%	76%	72%
Safety: DC Water Employee Recordable Incident Rate (RIR) (FY)	< 5.3	3	2.8	2.9	2.9
Safety: DC Water Employee Lost Time Incident (LTI) (FY)	< 2.1	2.2	1.9	1.9	1.9
Safety: Contractor/ROCIP Recordable Incident Rate (RIR) (FY)	< 2.8	1.9	1.7	2.2	2.3
Safety: Contractor/ROCIP Lost Time Incident (LTI) (FY)	< 1.1	0.3	0.24	0.02	0.04

Facilities:

The Facilities preventive maintenance completion rate for June rose to 89%. While this shows a significant percentage increase, the number of individual PM's completed (171) was close to the average monthly PM completions for FY22 (180). There was a significant drop in the number of PMs required this month (192) compared to the average required PM per month for FY22 (307). The HVAC shop generally has the most PM work orders in any given month. July was another high temperature month with a significant number of high priority HVAC related corrective maintenance based service requests which demanded the attention of HVAC shop technicians. The HVAC shop continues to work with People & Talent to fill 3 vacant HVAC technician positions. The Facilities service request completion rate in July was 56% with 140 completed service requests maintaining a completion rate close to the monthly average for the year (133). Events support for OMAC, Blue Drop and internal DC Water events dropped to 40 events in July after 45 supported in June. Facilities continues to work with P&T with 5 positions currently approved for recruitment and 4 apprentice positions starting later summer or early fall of 2022.

Fleet:

The Preventative Maintenance completion rate for July 2022 increased to 36% from the previous report of 33% in June. Fleet continued its proactive collaboration with departments to adhere to scheduled preventative maintenance appointments by leveraging Fleet staff to travel to DC Water campuses to retrieve, service and return units to users during evening hours. While implementing evening shifts was useful in maintaining service metrics, it presented an issue regarding technician availability and attendance. Additionally, quality assurance, the last step before returning a vehicle to service, is vital. Our lack of resources caused a lower outcome than what would be possible if there was more support. Just as Fleet recognizes implementing alternative schedules will be key to the success of improving Fleet services, so will the addition of resources. Fleet experienced a slight decrease in Vehicle Availability from 76% to 72%. Given the improvements in Fleet's preventative maintenance completion rate, we experienced a few setbacks in July due to the extreme hot weather and poor shop ventilation. As a result of the O Street construction, Fleet was advised to close the shop doors during excavation and potential soil contamination in the air. High temperatures and high humidity also impacted the technicians causing early dismissal on several days. We expect this number to increase with the implementation of permanent alternative shifts to service vehicles during vehicle downtime.


Customer Experience
Customer Assistance Programs (CAP)

DC Water has resumed non-pay disconnections. We are using a tiered approach, initially targeting customers with arrears \$5,000 and greater. These represent aged arrears from pre-pandemic. We will be moving to arrears of \$2,500 or greater by late August with physical disconnects in September. Through targeted outreach and focused collection activity, we are still working to get every eligible customer the assistance they need.

In June, the Board approved the recommendation to reenact the annual recertification for the CAP 2 program. Additionally, we requested to use RAP and MAP funding in FY2023 until funds are expended. We also made changes to MAP to increase the owner participation. We requested an emergency hearing that will be conducted on September 14, 2022. In July, the Customer Care team presented the benefits of the MAP program and the upcoming incentives in FY23. The audience was Multifamily customers, their partners and AOBA. The information was well received, and we anticipate seeing an increase in participation in this year and especially in FY23.

As of July 2022, we have 2,389 total new enrollments across CAP, CAP2 and CAP3. Currently CAP is overbudget and we anticipate CAP2 to be overbudget before the end of the fiscal year. LIHWAP funding will be fully expended before the end of the fiscal year.

FY22 New Enrollment TOTAL			
Program	FY21 Rollover	FY22 New	TOTAL
CAP I	4453	2260	6713
CAP II	538	117	655
CAP III	191	12	203
TOTALS	5182	2389	7571

Customer Assistance Programs (CAP)

Program	FY2021 Enrolled	FY2021 Dollars	July # Enrolled	July Dollars	# FY22 Enrolled	FY2022 Dollars	FY2022 Budget
CAP I	4,453	\$2,378,326	143	\$449,723	6,713	\$3,972,853	\$2,737,865
CAP II	538	\$245,637	13	\$29,583	655	\$278,042	\$296,536
CAP III	191	\$36,059	2	\$2,844	203	\$30,259	\$100,000
Non-Profit CRIAC Relief	189	\$955,707	4	\$67,900	124	\$632,152	\$1,260,000
Emergency Relief Program	1,820	\$1,071,464	0	\$0	28	\$27,493	\$-
DC Water Cares Residential	2,842	\$1,892,843	163	\$157,977	570	\$432,671	\$3,000,000
DC Water Cares Multifamily (number of units)	5,978	\$2,507,484	5	\$1,444	4,238	\$1,839,323	\$6,223,837
STAY DC	304	\$352,419	0	\$0	1,100	\$1,106,974	N/A
Low Income Household Water Assistance Program	N/A	N/A	0	\$0	2,814	\$1,795,508	\$2,000,000



Customer Experience

Customer Care

The Customer Care team met the metrics for June. We also resumed nonpayment disconnections and will be changing the disconnect tier to incorporate more customer that are \$2,500 or greater in arrears. The increase in calls for the first tier were minimal. Because the tier change will include a greater population, we anticipate a greater increase in call volume. We anticipate call volume to normalize by the end of the calendar year. To reduce the impact, we will supplement with temporary staff until the normalization period is over.

On July 19, 2022, Customer Care sent the 2022 Voice of the Customer (VOC) survey to 74,000 account holders with email addresses on file. The survey will run through 9/30/22. The questions will attempt to glean the customer's overall satisfaction with DC Water as well as targeted questions to assist in hearing the customer's voice relative to the Blueprint 2.0 strategic plan. The survey will be offered as a short 6 question survey with the opportunity for the customer to complete a longer survey. The questions are aligned with the five (5) Blueprint 2.0 Imperatives. The objectives of the survey are to:

- Obtain 5% or greater customer participation
- Use data to identify strengths and weaknesses per imperative and use data to plan process improvements and identify innovative customer focused initiatives.

To achieve greater participation, we are working with the Office of Marketing and Communication to socialize the survey opportunity through social media. We are also offering access to the survey through a QR code that will be offered at community events where DC Water is participating.

Key Performance Indicators

Metric	Target/ Service Level	May 22	June 22	July 22
% of Bills issued on time (w/in 5 days)	95%	99.0%	99.0%	98.0%
Estimated bills as a percent of meters read	4%	4.0%	4.0%	3.9%
Number of High Bill Complaints	trend only	75	81	50
% of OPC inquiries resolved within 14 days	90%	100%	100%	100%
% of calls answered in 40 seconds (Call Center)	85%	96%	95%	88%
Monthly Call Volume Served	trend only	5,922	6,344	7,005
Average Talk Time (minutes)	5:30	5:50	5:47	5:43
Average Wait Time (minutes)	1:30	0:11	0:13	0:23
Abandoned Calls (%)	6%	1%	2%	2%

In July three (3) projects were completed and no new projects were launched:

Contract Dashboard - This project made enhancements to the Contract Award and Change Order workflow processes and updated the contract fact sheet for DETS.

HQO Building Automation System – allows the Facility Department to control and monitor the Building Automation System (BAS) online and manage access for authorized people. The system replaces a previous standalone single user application with a more robust enterprise capability.

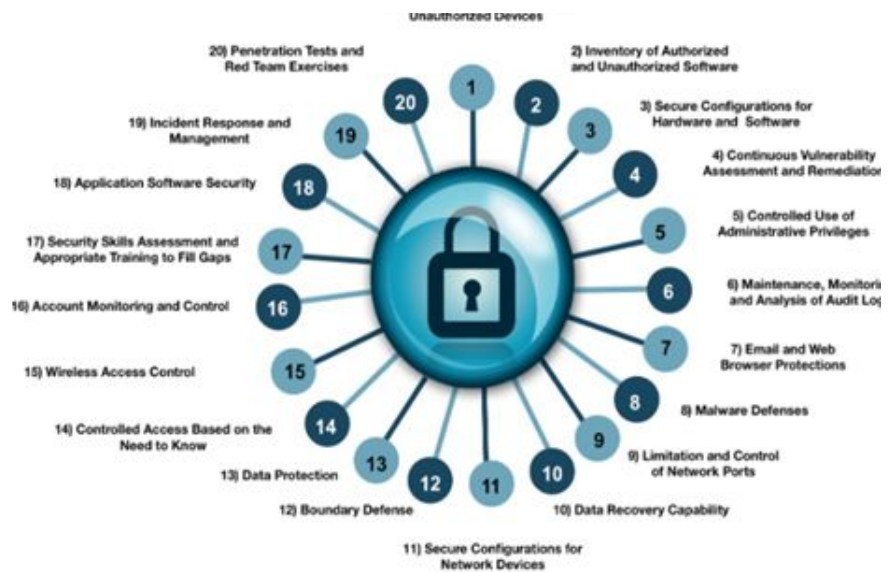
Third Party Portal (3PP) Lead Service Replacement - This project provide addition functionality in 3PP to support the Lead Free DC initiative. The changes include improvements to User Interface (UI), database and reporting.

Work continued with the Water/Wastewater Cyber Security taskforce. Since June the taskforce has been developing a series of recommendations and a compliance framework for the industry which is scheduled to be published by the EPA later this year. Recommendations are based primarily on the NIST Cyber Security Framework, which DC Water adopted in 2013 and Center for Internet Security (CIS) controls. Initial indications are that the recommendations will not require major changes to our existing Cyber Resiliency program. For more information refer to:

NIST – nist.gov/cyberframework



CIS - cisecurity.org/



IT Monthly Report

SR/WO Type	SL Target / SLA	May 22	June 22	July 22
Number of tickets submitted	Trend only	966	875	841
Number of open tickets	Trend only	10	17	24
Helpdesk SLA	96%	98.9%	97.82%	98.92%
Number of active projects	Trend only	20	21	19
Number of completed projects	Trend only	3	1	3
On schedule performance	90%	93%	95.24%	81.82%
On budget performance	90%	89%	90.48%	81.82%

dc operations and Engineering

Water Services, Sewer and Pumping Operations, Wastewater Treatment, Engineering, DC Clean Rivers

Featured Projects of the Month – Construction Contract Management-Water Operations

15th and W Street Flooding Update:

On June 22, 2022, during a sewer rehabilitation project at the Northwest Boundary, a bypass pump failure caused flooding in several homes along the 1400 block Florida Avenue. Several pumps were engaged during the sewer bypass, but one of the pumps operated by the Contractor failed and the remaining pumps couldn't keep up with the flow of water that resulted from heavy rainfall, causing significant sewer flooding between 1410 and 1481 Florida Avenue, NW. Subsequently, The Contractor disconnected the bypass plug which returned normal flow back to the sewer system. Bypass operations fully resumed on the Northwest boundary on June 27th with final completion of the Sewer Rehabilitation including public space restoration on July 8, 2022. Risk management continues to work to resolve 15 claims presented to the Rolling Owner Controlled Insurance Program (ROCIP), ESIS. As of August 15, 2022, three (3) claims for property damage have been settled for a total of \$30,000.



Contractor Pumps and Bypass Plug @1449 Florida Avenue, NW

Key Performance Indicators

Metric	Target/Service Level	Apr-22	May-22	June-22	July-22
Wastewater Operations					
NPDES Permit Compliance	100%	100%	100%	100%	100%
Air Permit Compliance	100%	100%	100%	100%	100%
Biosolids Class A	100%	100%	100%	100%	100%
Tunnel Dewatering	100%	100%	100%	100%	100%
Combined Heat and Power	>20%	27%	27%	27%	24%
Reactive Maintenance	<20%	30%	38%	30%	36%
Critical Asset Availability	>95%	97%	97%	97%	98%
Sewer Operations					
CSS Structures Inspection	100%	100%	100%	100%	100%
MS4 Area Catch basins Cleaning/Inspections - % of Total Monthly Target	100%	93%	83%	337%	100%
CSS Area Catch basins to Anacostia –Cleaning/Inspections % monthly target	100%	166%	97%	17%	100%
CSS Area Catch Basin Cleaning/Inspections - % of Total Monthly Target	100%	100%	100%	100%	100%
Sewer Cleaning and Inspection (Miles) 10Yr Cycle	>12	1.57	3.9	2.7	24.7
Sewer Backup (Investigation to Resolution) -No line breaks	>95%	100%	100%	100%	100%
Sanitary Sewer Overflow	1.4 per 100 Miles	.23	.23	.08	.31
Combined Sewer Overflow	0	0	0	0	0

dc Operations and Engineering

Water Services, Sewer and Pumping Operations, Wastewater Treatment, Engineering, DC Clean Rivers

Key Performance Indicators continued

Metric	Target/Service Level	Apr-22	May-22	June-22	July-22
Pumping Operations					
Firm Pumping Capacity Maintained	100%	100%	100%	100%	100%
Reactive Maintenance	<20%	12%	13%	11%	16%
Critical Asset Availability	>95%	98%	98%	95%	98%
Water Operations					
Safe Drinking Water Compliance	100%	100%	100%	100%	100%
Total Fire Hydrants Replaced	>21/Month	6	4	19	17
Hydrant Flow Tests (Non-Winter Months)	>180	297	158	280	437
Fire Hydrant Operational Rate	99%	99.72%	99.70%	99.69%	99.77%
Priority 5 Emergency Water Service work orders completed w/ in 24 hrs	>90%	100%	100%	100%	100%
Water Quality Complaint Resolution (within 48 hours)	>90%	79%	90%	88%	86.7%
Water Main Breaks	<28/Month	10	30	19	18
Water Main Break Rate /100 Miles (National Average is 25)	25	34.37	35.69	35.47	34.59
% of Hydrant Leaks in inventory that are not leaking	>90%	99%	98%	98%	98%
Permit Operations					
Overall On-time completion of Permit Reviews	90%	91%	91%	92%	90%



New Sewer Services Facility located on Ames Place, NE

Explanation of Missed Targets

Wastewater Operations Reactive Maintenance (<20%)

DC Water has adopted a manufacturing industry best practice benchmark of less than 20 percent reactive maintenance hours as percent of total maintenance hours. To our knowledge, there is no similar benchmark used in the public water utility sector. Blue Plains manages around 45,000 assets within our asset management/maintenance management system, and this stringent industrial benchmark is tracked as a marker for continuous improvement. We observe a descending trend of percent of total reactive maintenance hours, measured as annual average during fiscal years 2019, 2020, 2021, and 2022 of 40%, 37% 32%, and 34% respectively, for assets at the Blue Plains Advanced Wastewater Treatment Plant. The reduction realized is attributed to enhanced proactive and predictive maintenance programs, training of staff on precision maintenance and reliability centered maintenance, optimization of existing preventive maintenance plans, and improvements in processes and equipment through the Capital Improvement Program. The goal is to remain on the reduction path towards a benchmark that is applicable for Blue Plains.

Total Fire Hydrants Replaced (>21/Month)

The Department was within range of the monthly target but did not exceed expectations due to limited availability of vehicles and staff that were away on scheduled leave.

Water Quality Complaint Resolution (within 48 hours)

We received 30 water quality complaints in July and resolved 87% by phone, email, or flushing hydrants. Field technicians return 7-14 days after hydrant flushing to ensure water quality meets target levels. The unresolved complaints from this month are pending a repeat flush.



dc DC Water Capital Improvement Program

Water, Sewer, Blue Plains, Lead Free DC and DC Clean Rivers

Major Sewer and Local Sewer Condition Assessment Projects

- Completed the Annual, Pipe Condition Assessment (PCA) Program Near Term (FY23-FY25) Major Sewers Workshops with DC Water's PCA Contractors on 07/20/2022.
- The CCTV and manhole inspections for Sewers Under Buildings (SUBs) started in early June 2022 and anticipated to be completed by end of August 2022. To-date, 6,237LF of pipes and 34 manholes of SUBs have been inspected. Inspections for the Upper Potomac Interceptor Relief Sewer (UPIRS) started in early July 2022 and anticipated to be completed by end of August 2022. To-date, 25,301LF and 25 manholes of UPIRS have been inspected. The Little Falls Trunk Sewer (LFTS) inspection started in late July 2022 and anticipated to be completed by mid August 2022. To-date, 5,766 LF and 10 manholes of LFTS have been inspected.
- Inspection and Assessment of Anacostia Main Interceptor has been executed and the planning stages has begun. Inspection is anticipated to start in early/mid-September.
- As of August 8th, about 1,050 manholes and 23 miles of sewers have been inspected under Contract 220010 (local sewers inspection.)



- Lead Free DC began final restoration on several block-by-block lead projects and is working closely with DDOT to ensure coordinated work.

Fiscal Year	LPRAP (Assistance Program)	Voluntary Full	CIP Full	CIP Partial	Emergency Full	Emergency Partial	Total LSRs	FY22 Goal	Total Partial	Partial %	Goal %
FY2022	197	260	670	23	91	3	1301	2393	26	2.0%	2.10%



Northeast Boundary Tunnel:

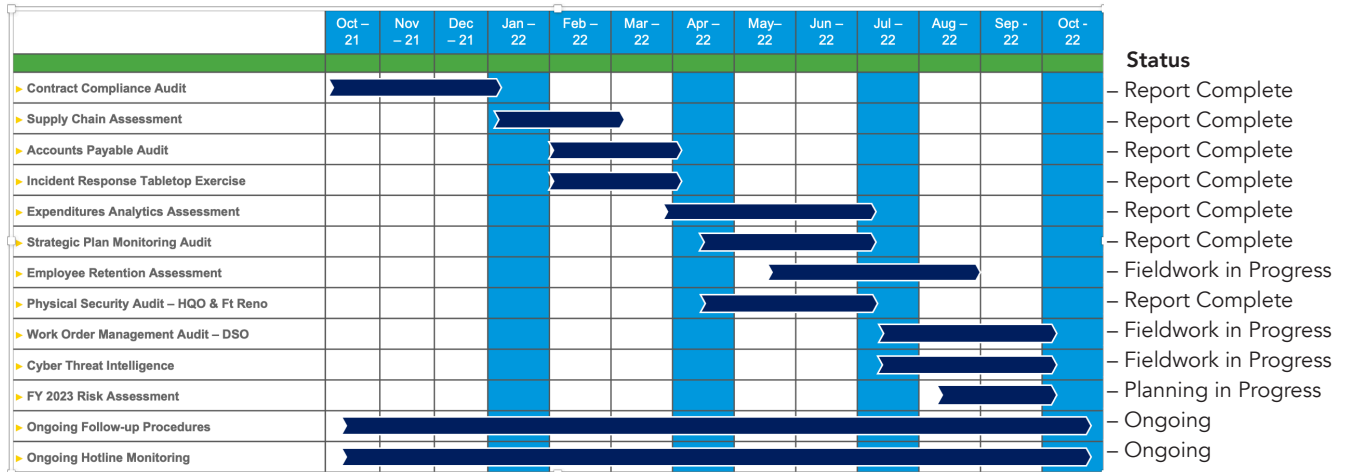
Work continues at the satellite sites along Rhode Island Avenue and at the W Street and Mount Olivet Road sites that will connect the Near Surface Structures to the NEBT tunnel system. Upcoming work is focusing on installation of the Florida Avenue adit, permanent concrete lining, and removal of the First Street Tunnel boring machine (TBM) "Lucy" to make the connection between the First Street Tunnel and the NEBT Tunnel. Construction of the Rhode Island Avenue diversion chamber is completed, and construction of the approach channel has commenced. Work continues on the T Street surface stormwater inlets and the Ventilation Control Facility at W Street. Coordination with the community and third parties is ongoing.

The Northeast Boundary Tunnel Project is planned to be placed in operation in 2023.

Internal Audit

Internal audit plan FY2022 timeline

This timeline represents the FY 2022 audit plan and the status of each project. Annually the Internal Audit team, RSM, conducts a risk assessment and presents the results and the audit plan to the Audit & Risk Committee in October.



Status update on prior audit findings

Prior Audit Findings (open findings through FY21)

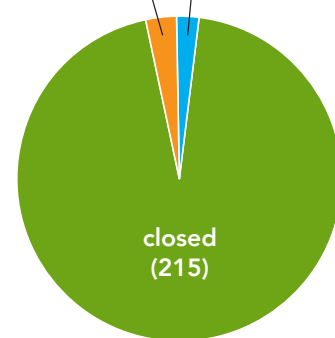
Audit Report / Subject	Issue Date	Open
Fleet Management Review	1/24/2019	1
Occupational Safety and Health	4/25/2019	1
Customer Billing and Collections Audit	10/22/2020	1
Succession Planning Review	4/22/2021	1
Remote Workforce Security Review	4/22/2021	1
		total 5

- Extension requested. (at least 1 original remediation target date has been extended)
- Extension not requested

In total, 95% of all prior audit findings from FY16 – FY21 are closed. Management's target closure rate is 90%.

FY16 – FY21 prior audit findings status

pending testing (7) open (5)



"Pending Testing" indicates that Management represents that the Action Plan is Completed, but Internal Audit has not yet performed testing to validate the status.

Open high risk prior audit findings

Status notes: The Goal Master List has been updated to include an "as of" field to more easily monitor timeliness of inputs from the business units. The Strategic Management team will develop formal SOPs to address a notification / escalation protocol for goal data updates. The Strategic Management team is developing a process to validate the completeness, accuracy, and quality of data used to monitor progress of the strategic goals aligned to Blueprint 2.0.

Audit FY	Issue Date	Audit Report	High Risk Open Finding	Original Target Date	New Target Date	# Extensions
1 2022	7/28/2022	Strategic Plan Monitoring	Missing, incomplete, or outdated goals data	3/31/23	N/A	0







Summary of Contracts on Consent Agenda

289th Meeting of the DC Water Board of Directors

Thursday, September 1, 2022

Consent Items (Joint Use Contracts)

Resolution No. 22-47, execute Contract No. 220090, Mobile Dredging & Video Pipe, Inc., for the contract period of three years plus two renewal periods of one year each. The purpose of the contract is to issue work on an as-needed basis through individually negotiated task orders and to conduct mainly heavy cleaning of select major sewers. The contract not-to-exceed amount is \$8,000,000.

Resolution No. 22-48, execute Supplemental Agreement No. 2 of Contract No. DCFA #503-WSA, AECOM Services of DC. The purpose of the supplemental agreement is to continue the update and integrate the Blue Plains 2016 Facilities Master Plan, manage task order construction contracts and the preparation of reports, etc., and to assist the Authority with the selection of and contracting with design engineers to design projects. The supplemental agreement amount is \$20,000,000.

Resolution No. 22-49, execute the award and funding of Contract No. 10195, Clean Team Janitorial Services. The purpose of the contract is to continue providing janitorial services to DC Water facilities. These services are required and will help DC Water manage cleaning throughout the Authority. The contract amount is \$5,000,000.

Resolution No. 22-50, execute the award and funding of Contract No. 10196, BFPE International, Inc. The purpose of the contract is to provide a qualified contractor to furnish all labor, materials, equipment, and tools to upgrade, maintain and service the Fire Protection System. The contract amount is \$3,500,000.

Consent Items (Non-Joint Use)

Resolution No. 22-51, execute Supplemental Agreement No. 3 of Contract No. DCFA #502, Mott MacDonald I&E, LLC. The purpose of the supplemental agreement is to continue the previous agreement scope by providing support for DC Water's Lead-Free DC Program with a goal to replace all lead service lines in the District of Columbia by 2030. The supplemental agreement amount is \$4,200,000.

Resolution No. 22-52, execute Supplemental Agreement No. 2 of Contract No. DCFA #470, Ramboll Engineering, PC. The purpose of the supplemental agreement is to provide professional engineering design and related services for water and sewer infrastructure and facilities. The supplemental agreement amount is \$2,000,000.

Resolution No. 22-53, execute Contract No. 220110, Capitol Paving of DC, Inc., for the contract period of three years plus one renewal period of one year. The purpose of the contract is to provide Indefinite Delivery and Indefinite Quantity emergency water main rehabilitation and replacement of water service assets in the water distribution system at various locations throughout the District of Columbia. The contract amount is not-to-exceed \$29,331,337.

Resolution No. 22-54, execute Contract No. 220040, Anchor Construction Corporation. The purpose of the contract is to provide emergency and urgent sewer lateral replacement services at various public space locations in Washington, DC. The contract amount is not-to-exceed \$17,045,420.

Resolution No. 22-55, execute Contract No. DCFA 519, Joint Venture of Ramboll Engineering, PC and CDM Smith, Inc., for the contract period of four years plus four renewal periods of one year each. The purpose of the contract is to provide program management, construction management, and all necessary technical services to achieve the Lead Free DC program goal of replacing all lead service lines in Washington, DC by 2030. The contract not-to-exceed amount is \$66,354,879.

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute Contract No. 220090, Mobile Dredging & Video Pipe, Inc.

#22-47
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a joint use matter, decided by a vote of ___() in favor and ___() opposed to approve the execution of Contract No. 220090, Mobile Dredging & Video Pipe, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 220090, Mobile Dredging & Video Pipe, Inc., for the contract period of three years plus two renewal periods of one year each. The purpose of the contract is to issue work on an as-needed basis through individually negotiated task orders and to conduct mainly heavy cleaning of select major sewers. The contract not-to-exceed amount is \$8,000,000.

Secretary to the Board of Director

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

ACTION REQUESTED

CONSTRUCTION CONTRACT:

**Heavy Cleaning of Major Sewers
(Joint Use)**

Approval to execute a construction contract not to exceed \$8,000,000.00 for the contract period of three years plus two renewal periods of one year each. The renewal periods will be approved at DC Water's sole discretion.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Mobile Dredging & Video Pipe, Inc., 11420 Old Baltimore Pike Beltsville, MD 20705 <u>Headquarters</u> Chester, PA 19013	Tomar Trucking Pomfret, MD	DBE 9.4%
	BVF Engineers Wayne, NJ	DBE 4.1%
	Savin Engineers, P.C. Landover, MD	DBE 1.2 %
	H.S.A INC Washington, DC	DBE 0.3%
	R&R Contracting Utilities, Inc. Baltimore, MD	WBE 5.0%

DBE Total = 15% and WBE Total = 5.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$8,000,000.00
 Contract Time: 1,825 Days (5 Years, 0 Months)
 Anticipated Contract Start Date (NTP): 09-03-2022
 Anticipated Contract Completion Date: 09-03-2027 (Including 2 Option Years)
 Proposal Opening Date: 03/08/2022
 Proposals Received: 2

Other Proposals Received
 Doetsch Environmental Services Inc*

* Asterisk indicates shortlisted firms
 Individual evaluations scores and comments were evaluated to obtain the final scores for each technical proposal. Shortlisted firms advanced to the price evaluation phase.

Purpose of the Contract:

Under this contract, DC Water will issue work on as-needed basis through individually negotiated task orders to conduct mainly heavy cleaning of select major sewers. These sewers will be large diameter and require specialized equipment and expertise.

Contract Scope:

Work will be accomplished through a series of definitive Task Orders. Each task order will identify the scope of work, deliverables, compensation, and schedule for performance. Core services of this contract are:

- Heavy Cleaning of sewers
- Light Cleaning of sewer pipes larger than 48-inches
- Cleaning of manholes, vaults, and structures
- Maintenance of traffic

Federal Grant Status:

Construction Contract is not eligible for Federal Grant funding assistance.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Best Value
Commodity:	Construction	Contract Number:	220090
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Sanitary Sewer	Department Head:	William Elledge (Interim)
Project:	RA, RB		

****ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 8,000,000.00
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%	\$ 8,000,000.00

** Under the terms of the IMA, the capital costs associated with each joint facility are to split among the users in proportion to the peak flow each user is allocated. It is not possible, at this time, 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 and accordingly.

_____/_____
Kishia L. Powell Date
COO and EVP

_____/_____
Matthew T. Brown Date
CFO and EVP
Finance and Procurement

_____/_____
Dan Bae Date
VP of Procurement

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

Presented and Adopted: September 1, 2022

SUBJECT: Approval to Execute Supplemental Agreement No. 2 of Contract No. DCFA #503-WSA, AECOM Services of DC

**#22-48
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a joint use matter, decided by a vote of ___() in favor and ___() opposed to approve the execution of Supplemental Agreement No. 2 of Contract No. DCFA #503-WSA, AECOM Service of DC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplemental Agreement No. 2 of Contract No. DCFA #503-WSA, AECOM Services of DC. The purpose of the supplemental agreement is to continue the update and integrate the Blue Plains 2016 Facilities Master Plan, manage task order construction contracts and the preparation of reports, etc., and to assist the Authority with the selection of and contracting with design engineers to design projects. The supplemental agreement amount is \$20,000,000.

Secretary to the Board of Director

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

ACTION REQUESTED

ENGINEERING SERVICES:

**Wastewater Treatment Program Manager II
(Joint Use)**

Approval to execute Supplemental Agreement No. 2 for \$20,000,000. The modification exceeds the Chief Executive Officer and General Managers approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
AECOM Services of DC A Professional Corporation 1101 Connecticut Avenue, N.W. Suite 750 Washington, D.C. 20036 <u>Headquarters</u> Arlington, VA 22201	The Allied Companies, LLC Washington, D.C. DBE	13.6%
	EPCM, Inc. Burke, VA DBE	9.2%
	PEER Consultants, P.C. Washington, D.C. DBE	7.1%
	Delon Hampton & Associates Washington, D.C. DBE	4.5%
	Davis Brothers Construction Co., Inc Richmond, VA DBE	3.7%
	McKissack & McKissack Washington, D.C. WBE	2.2%
	Rohadfox Constr. Control Services Atlanta, GA WBE	1.7%
	SZ PM Consultants Inc. Washington, D.C. WBE	0.7%
	Sigma Associates, Inc. Washington, D.C. WBE	0.6%

DBE Total = 38.1% WBE Total = 5.2%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$25,000,000
Value of this Supplemental Agreement:	\$20,000,000
Cumulative SA Value, including this SA:	\$20,000,000
Current Contract Value, Including this SA:	\$45,000,000
Original Contract Time:	1278 Days (3 Years, 6 Months)
Time extension, this SA:	440 Days
Total SA contract time extension:	440 Days (1 Years, 3 Months)
Contract Start Date:	04-17-2020
Contract Completion Date:	12-31-2024

Purpose of the Contract:

To provide program management services in support of the Wastewater Treatment Service Area portion of DC Water's Capital Improvement Program. Capital projects in this service area are implemented to rehabilitate and upgrade facilities at Blue Plains to ensure that it can reliably and cost-effectively produce a consistent, high quality effluent discharge to the Potomac River to meet its stringent National Pollutant Discharge Elimination System (NPDES) permit requirements.

Original Contract Scope:

- Update and Integrate the Blue Plains 2016 Facilities Master Plan and the March 2017 Blue Plains Asset Management Plan.
- Management of task order construction contracts.
- Preparation of reports, budgets, advertisements, estimates, schedules, etc. to assist the Authority with selection of and contracting with design engineers to design projects
- Technical assistance in the update of design standards as needed.

- Assistance with the pre-treatment program.
- Assistance with evaluating alternative energy generation/energy savings opportunities.
- Provision of innovative tools, systems and processes that have been used successfully on other engagements and which may provide DC Water with better delivery of the CIP.

Previous Supplemental Agreement Scope:

No cost changes. Add Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

Current Supplemental Agreement Scope:

Continue Original Contract Scope of services

Future Supplemental Agreement Scope:

None anticipated

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Professional Services	Contract Number:	DCFA #503-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Wastewater Engineering
Service Area:	Wastewater Treatment, Water, Sanitary, CSO	Department Head:	Dave Parker
Project:	A2, AL, AM, V1, OD, OE, J2, E8, BR, GW, QJ, FA, HV, RH		

ESTIMATED USER SHARE INFORMATION*

A2, AL, AM, V1, OD, OE, J2, E8, BR, GW - Allocation (GIBP Blue Plains)

User	Share %	Dollar Amount
District of Columbia	41.22%	\$7,698,215.05
Washington Suburban Sanitary Commission	45.84%	\$8,561,042.64
Fairfax County	8.38%	\$1,565,042.26
Loudoun County & Potomac Interceptor	4.56%	\$851,622.05
Total Estimated Dollar Amount	100.00%	\$18,675,922.00

QJ, FA, HV, RH - Allocation (CAPM Sanitary Sewer, Water)

User	Share %	Dollar Amount
District of Columbia	100.00%	\$1,324,078.00
Total Estimated Dollar Amount	100.00%	\$1,324,078.00

Total Combined Allocation

User	Share %	Dollar Amount
District of Columbia	45.11%	\$9,022,293.05
Washington Suburban Sanitary Commission	42.80%	\$8,561,042.64
Fairfax County	7.83%	\$1,565,042.26
Loudoun County & Potomac Interceptor	4.26%	\$851,622.05
Total Estimated Dollar Amount	100.00%	\$20,000,000.00

* The estimate User Share is subject to change under individual Construction Task Orders in response to urgent work requirements across various service areas work associated with specific facilities and costs are developed, the individual users will be notified and billed accordingly.

Digitally signed by David Parker
 DN: E=David.Parker@dcwater.com,
 CN=David Parker, OU=Engineering,
 OU=WASA Users, DC=dcwasa, DC=com
 Date: 2022.07.12 10:38:24-04'00'

David Parker

 David Parker Date
 Acting Vice President, Engineering

Digitally signed by Dan Bae
 C=US, E=dan.bae@dcwater.com,
 O=District of Columbia Water and Sewer
 Authority, OU=VP of Procurement &
 Compliance, CN=Dan Bae
 2022.07.12 13:55:43-04'00'

Dan Bae

 Dan Bae Date
 VP of Procurement

Matthew T. Brown 17/13/2022

Matthew T. Brown Date
 CFO and EVP
 Finance and Procurement

Digitally signed by David L. Gadis

 David L. Gadis Date
 CEO and General Manager

David L. Gadis 8/2/2022

 Date

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute the Award and Funding of Contract
No. 10195, Clean Team Janitorial Services

#22-49
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a joint use matter, decided by a vote of ___() in favor and ___() opposed to approve the execution of the award and funding of Contract No. 10195, Clean Team Janitorial Services.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute the award and funding of Contract No. 10195, Clean Team Janitorial Services. The purpose of the contract is to continue providing janitorial services to DC Water facilities. These services are required and will help DC Water manage cleaning throughout the Authority. The contract amount is \$5,000,000.

Secretary to the Board of Director

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

ACTION REQUESTED

GOODS AND SERVICES CONTRACT AWARD

Janitorial Services

(Joint Use)

Approval to award and fund a contract to provide janitorial services in the amount of \$5,000,000.00 for the base and four option years.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Clean Team Janitorial Services 700 12 th St. NW Washington, DC 20005 (DBE)	SUBS: Premier Group Services 7404 Executive Pl. Lanham, MD 20706 (WBE)	PARTICIPATION: DBE 94% WBE 6%
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DESCRIPTION AND PURPOSE

Base Period Contract Value:	\$1,008,697.54
Base Period Contract Dates:	10-01-2022 - 9-30-2023
No. of Option Years in Contract:	4
Total Option Year 1-4 Value:	\$3,991,302.46
Proposal Closing Date:	1-10-2022
Proposal Price Range	\$4,708,068.48 - \$34,510,171.06
Total Numbers of Proposals:	10

Purpose of the Contract:

To provide janitorial services to DC Water facilities. These services are required and help DC Water manage cleaning throughout the Authority.

Scope of the Contract:

Furnish the management, labor, materials, supplies, and equipment necessary to provide janitorial services for office spaces, locker and lunchrooms, the fleet building, trailers, the boat house, welding shops, pumping stations, and blower buildings COVID deep cleaning related expenses throughout all DC Water locations. A 10% contingency was added to the original offering to account for COVID deep cleaning expenses. Approval to award a contract to provide janitorial services in the amount of \$5,000,000.00 for the base and four option years is requested. Each option year will be awarded based on requirements, availability of funds and performance.

Supplier Selection:

This was an open market solicitation. Over 500 suppliers were invited to participate, and they were required to attend one of two mandatory site visits. Ten responses were received at the close of the solicitation. Clean Team Janitorial Services is recommended for this contract because they were rated overall the best on the evaluation criteria of qualifications, experience, technical approach, and price.

Clean Team Janitorial Services is the incumbent. They have a proven success record and expertise in performing the requirements set forth in the scope of work. The COTR is satisfied with Clean Team Janitorial Services' performance.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Best Value
Commodity:	Janitorial Cleaning Services	Contract Number:	10195
Project Area:	DC Water wide		


BUDGET INFORMATION

Funding:	Operating	Department:	Facilities Services
Project Area:	Authority Wide	Department Head:	Brent Christ

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	70.33%	\$3,516,500.00
Washington Suburban Sanitary Commission	22.20%	\$1,110,000.00
Fairfax County	4.75%	\$237,500.00
Loudoun Water	2.35%	\$117,500.00
Other (PI)	0.37%	\$ 18,500.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$5,000,000.00

 Esq. 07/11/2022
 Maureen Holman Date
 EVP of Administrative Services


 Dan Bae Date
 VP, Procurement

Dan Bae
 C=US, E=dan.bae@dcwater.com,
 O=District of Columbia Water and
 Sewer Authority, OU=VP of
 Procurement & Compliance,
 CN=Dan Bae
 2022.07.11 10:53:13-04'00'

Matthew T. Brown
 Digitally signed by
 Matthew T. Brown
 Date: 2022.07.12 13:57:56
 -04'00'

Matthew T. Brown Date
 CFO and EVP, Finance and Procurement

 8/2/2022
 David L. Gadis Date
 CEO and General Manager

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute the Award and Funding of Contract No. 10196, BFPE International, Inc.

#22-50
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on September 1, 2022, upon consideration of a joint use matter, decided by a vote of ___() in favor and ___() opposed to approve the execution of the award and funding of Contract No. 10196, BFPE International, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute the award and funding of Contract No. 10196, BFPE International, Inc. The purpose of the contract is to provide a qualified contractor to furnish all labor, materials, equipment, and tools to upgrade, maintain and service the Fire Protection System. The contract amount is \$3,500,000.

Secretary to the Board of Director

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

ACTION REQUESTED

GOODS AND SERVICES CONTRACT AWARD

**Fire Protection Systems
(Joint Use Indirect)**

Approval to award and fund a contract to provide fire protection services in the amount of \$3,500,000.00 for the base and four option years. Each option year will be awarded based on requirements, availability of funds and performance.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: BFPE International Inc. 7512 Connolly Dr. Hanover, MD 21076 (WBE)	SUBS: Total Building Solutions, Inc., Washington, DC (DBE) Anderson Fire Protection, Inc., Elkridge, MD (DBE)	PARTICIPATION: WBE 80% DBE 20%
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DESCRIPTION AND PURPOSE

Base Period Contract Value:	\$700,000.00
Base Period Contract Date:	10-01-2022 – 09-30-2023
Number of Option Years:	4
Total Option Year 1-4 Value:	\$2,800,000.00
Proposal Closing Date:	04-13-2022
Total Number of Proposals:	5
Proposal Price Range	\$668,500.00 - \$957,812.00

Purpose of the Contract:

DC Water requires a qualified contractor to furnish all labor, materials, equipment and tools to upgrade, maintain and service the Fire Protection System.

Contract Scope:

To provide preventative and operational maintenance for the fire protection system, including routine preventative maintenance and repairs of all fire protection systems.

The new contract will focus on continued upgrades of an aging fire protection system and improvements. The Fire System Speakers will be integrated with DC Water Alerts system (Everbridge) to establish public address (voice) capabilities throughout DC Water for emergency communications.

Supplier Selection:

This was an open market solicitation; six suppliers were invited to participate and received five responses. BFPE International is recommended for this contract award because they were rated overall best on the evaluation criteria of qualifications, experience, technical approach, and price.

BFPE International is the incumbent. They have proven success and expertise in performing the requirements set forth in the scope of work. The COTR is satisfied with BFPE International's performance.

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Highest Ratings
Commodity:	Security	Contract Number:	10196
Contractor Market:	Open Market with DBE/WBE Goal		

BUDGET INFORMATION

Funding:	Operating/Capital	Department:	Security
Project Area:	DC Water Wide	Department Head:	Ivelisse Cassas


ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	70.33%	\$1,547,260.00
Washington Suburban Sanitary Commission	22.20%	\$488,400.00
Fairfax County	4.75%	\$104,500.00
Loudoun Water	2.35%	\$51,700.00
Other (PI)	0.37%	\$8,140.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$2,200,000.00

ESTIMATED USER SHARE INFORMATION

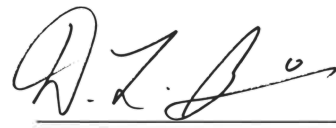
User – Capital Equipment (EQP205003EE8)	Share %	Dollar Amount
District of Columbia	85.89%	\$1,116,570.00
Washington Suburban Sanitary Commission	9.91%	\$128,830.00
Fairfax County	2.54%	\$33,020.00
Loudoun Water	1.33%	\$17,290.00
Other (PI)	0.33%	\$4,290.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,300,000.00

 Eqy 1 6/30/22
 Maureen Holman Date
 VP of Shared Services


 Dan Bae Date
 VP of Procurement

Dan Bae
 C=US, E=dan.bae@dwater.com,
 O=District of Columbia Water and
 Sewer Authority, OU=VP of
 Procurement & Compliance,
 CN=Dan Bae
 2022.06.30 14:17:49-04'00'

Matthew T. Brown
 Digitally signed by Matthew T. Brown
 Date: 2022.07.05 09:52:40 -04'00'
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement


 David L. Gadis Date
 CEO and General Manager

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute Supplemental Agreement No. 3 of
Contract No. DCFA #502, Mott MacDonald I&E, LLC

#22-51
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a non-joint use matter, decided by a vote of __() in favor and __() opposed to approve the execution of Supplemental Agreement No. 3 of Contract No. DCFA #502, Mott MacDonald I&E, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplemental Agreement No. 3 of Contract No. DCFA #502, Mott MacDonald I&E, LLC. The purpose of the supplemental agreement is to continue the previous agreement scope by providing support for DC Water’s Lead-Free DC Program with a goal to replace all lead service lines in the District of Columbia by 2030. The supplemental agreement amount is \$4,200,000.

Secretary to the Board of Director

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

ACTION REQUESTED

ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT:

**Engineering Program Management Consultant 2F
(Non-Joint Use)**

Approval to execute Supplemental Agreement No. 3 for \$4,200,000. The modification exceeds the Chief Executive Officer and General Managers approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Mott MacDonald I&E, LLC The Nature Conservancy Building 4245 N. Fairfax Drive Suite 800 Arlington, VA 22203	DM Enterprises of Baltimore Baltimore, MD DBE	10.0%
	Cube Root Washington, DC DBE	7.0%
	C.C. Johnson & Malhotra, P.C. Washington, DC DBE	5.0%
	EBA Engineering Laurel, MD DBE	3.0%
	McKissack & McKissack Washington, DC DBE	3.0%
	Modern Times Inc. Altadena, CA DBE	2.0%
	ADC Management Systems Washington, DC DBE	2.0%
	SZ PM Consultants, Inc. Washington, DC WBE	8.0%

DBE Total = 32.0% WBE Total = 8.0%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$20,000,000.00
Value of this Supplemental Agreement	\$ 4,200,000.00
Cumulative SA Value, including this SA	\$13,403,000.00
Current Contract Value, including this SA	\$33,403,000.00
Original Contract Time:	1,825 Days (5 Years, 0 Months)
Time extension, this SA:	0 days
Total SA contract time extension	0 days
Contract Start Date:	02/01/2020
Contract Completion Date:	01/25/2025

Purpose of the Contract:

To provide program management of the water service area Capital Improvements Program (CIP); provide technical support, staff augmentation and support operations of the water service area.

Original Contract Scope:

- Program management of the water service area CIP.
- Provide technical support to the water service area.
- Augment DC Water staff with experienced & qualified technical resources and Project Managers.
- Support operational departments.

Previous Supplemental Agreement Scope:

To provide support of DC Water's Lead-Free DC Program (LFDC) with a goal to replace all lead service lines in the District of Columbia by 2030. The scope of this Supplemental Agreement includes the following services thru 09/30/2022.

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute Supplemental Agreement No. 2 of
Contract No. DCFA #470, Ramboll Engineering, PC

#22-52
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a non-joint use matter, decided by a vote of ___() in favor and ___() opposed to approve the execution of Supplemental Agreement No. 2 of Contract No. DCFA #470, Ramboll Engineering, PC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplemental Agreement No. 2 of Contract No. DCFA #470, Ramboll Engineering, PC. The purpose of the supplemental agreement is to provide professional engineering design and related services for water and sewer infrastructure and facilities. The supplemental agreement amount is \$2,000,000.

Secretary to the Board of Director

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

ACTION REQUESTED

ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT:

**Basic Ordering Agreement – Infrastructure XVI
(Non-Joint Use)**

Approval to execute Supplemental Agreement No. 2 for \$2,000,000. The modification exceeds the Chief Executive Officer and General Managers approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Ramboll (Formally O’Brian & Gere Engineers, Inc.) 4201 Mitchellville Road Bowie, MD 20716 <u>Headquarters</u> Arlington, VA 22203	Bryant Associates, Inc. Landover, MD 20785 DBE	10.0%
	Sheladia & Associates Rockville, MD 20850 DBE	8.0%
	TLB- Soil and Land Use Technology Washington, DC 20002 DBE	6.7%
	Milhouse Engineering & Constr., Inc. Chicago, IL 60605 DBE	5.0%
	Precision Measurements, Inc. Rockville, MD 20850 WBE	2.0%
	Phoenix Engineering Hunt Valley, MD 21030 WBE	1.0%
	DP Consultants Washington, DC 20050 WBE	1.0%

DBE Total = 29.7% WBE Total = 4.0%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$6,000,000.00
Value of this Supplemental Agreement:	\$2,000,000.00
Cumulative SA Value, including this SA:	\$2,000,000.00
Current Contract Value, Including this SA:	\$8,000,000.00
Original Contract Time:	1,461 Days (4 Years, 0 Months)
Time extension, this SA:	922 Days
Total SA contract time extension:	2,383 Days (6 Years, 6 Months)
Contract Start Date:	09-22-2015
Contract Completion Date:	04-01-2026

Purpose of the Contract:

The agreement will provide professional engineering design and related services for water and sewer infrastructure and facilities.

Original Contract Scope:

- Project will include rehabilitation and replacement of water and sewer pipes, upgrades of water and sewer pumping stations and storage facilities. Services are anticipated to include work in the architectural, civil, structural mechanical processes, HVAC, instrumentation and electrical design disciplines and other related services. Related services include but are not limited to preparation of contract documents, engineering surveys, geotechnical investigations, environmental assessments, and permit assistance.
- Projects will be in the water distribution and sewer collection systems as well as pumping station and water storage facilities.

Previous Supplemental Agreement Scope:

- A No Cost Time Extension changes the expiration of the contract to September 22, 2023 to accommodate anticipated needs to complete follow-on Task Orders for projects already started under this Agreement.

Current Supplemental Agreement Scope:

- Prepare design documents to remove the existing coal-tar lining in the 66-inch steel main along 8th Street NE and reline with glass fiber reinforced polymer internal lining and provide engineering services during construction.
- Provide engineering services during the rehabilitation of the Anacostia Elevated Tanks 1 & 2.

Future Supplemental Agreement Scope:

- No Future Supplemental Agreement is anticipated at this time.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Design Services	Contract Number:	DCFA 470
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water	Department Head:	William Elledge (Interim)
Project:	JZ, FA		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$2,000,000.00
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$2,000,000.00

Kishia L.
Powell

Digitally signed by Kishia L. Powell
Date: 2022.07.11 15:16:15 -04'00'

Kishia L. Powell Date
COO and EVP

Matthew T. Brown Date
CFO and EVP
Finance and Procurement



Dan Bae
C=US, E=dan.bae@dcwater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
2022.07.12 13:56:22-04'00'

Dan Bae Date
VP of Procurement

David L. Gadis Date
CEO and General Manager

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute Contract No. 220110, Capitol Paving of DC, Inc.

#22-53
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a non-joint use matter, decided by a vote of ___() in favor and ___() opposed to approve the execution of Contract No. 220110, Capitol Paving of DC, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 220110, Capitol Paving of DC, Inc., for the contract period of three years plus one renewal period of one year. The purpose of the contract is to provide Indefinite Delivery and Indefinite Quantity emergency water main rehabilitation and replacement of water service assets in the water distribution system at various locations throughout the District of Columbia. The contract amount is not-to-exceed \$29,331,337.

Secretary to the Board of Director

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

ACTION REQUESTED

CONSTRUCTION CONTRACT:

**Water Infrastructure Rehabilitation & Replacement Contract FY23-FY25
(Non-Joint Use)**

Approval to execute a construction contract not to exceed \$29,331,337.00 for the contract period of three years plus one 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	United Construction Washington, DC DBE	32.0%
	Royal Construction Materials Maclean, VA WBE	6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$29,331,337.00
Contract Time:	1,460 Days (4 Years, 0 Months)
Anticipated Contract Start Date (NTP):	10-01-2022
Anticipated Contract Completion Date:	09-30-2026 (Including 1 Option Year)
Bid Opening Date:	03/31/2022
Bids Received:	5
Other Bids Received	
Fort Meyer Construction Corporation	\$33,841,449.00
Sagres Construction Corporation	\$35,572,280.00
Spiniello Companies	\$37,461,557.00
Anchor Construction Inc.	\$45,875,442.00

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:	220110
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Water Services
Service Area:	Water	Department Head:	Jason Hughes
Project:	KY, KZ, L1, L2		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$29,331,337.00
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%	\$29,331,337.00

_____/_____
Kishia L. Powell
COO and EVP
Date

_____/_____
Matthew T. Brown
CFO and EVP
Finance and Procurement
Date

_____/_____
Dan Bae
VP of Procurement
Date

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

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute Contract No. 220040, Anchor Construction Corporation

#22-54
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a non-joint use matter, decided by a vote of ___() in favor and ___() opposed to approve the execution of Contract No. 220040, Anchor Construction Corporation.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 220040, Anchor Construction Corporation. The purpose of the contract is to provide emergency and urgent sewer lateral replacement services at various public space locations in Washington, DC. The contract amount is not-to-exceed \$17,045,420.

Secretary to the Board of Director

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

ACTION REQUESTED

CONSTRUCTION CONTRACT:

**Sanitary Sewer Lateral Replacement Contract for FY2023 – FY2025
(Non-Joint Use)**

Approval to execute a construction contract not to exceed \$17,045,420.00 for the contract period of three years plus two renewal periods of one year each. The renewal period will be approved at DC Water’s sole discretion.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Anchor Construction Corporation 2254 25th Place NE Washington, DC 20018	S&J Services, Inc Hyattsville, MD DBE	23.8%
	AJK Enterprises, LLC Washington, DC DBE	4.3%
	RAM Construction, Inc Annapolis, MD WBE	3.4%
	CC’s Industries, LLC Washington, DC WBE	2.1%
	Keys Materials & Utilities, Inc Mt Airy, MD WBE	0.5%

DBE Total = 28.1% and WBE Total = 6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$17,045,420.00
Contract Time:	1,825 Days (5 Years, 0 Months)
Anticipated Contract Start Date (NTP):	10/01/2022
Anticipated Contract Completion Date:	09/30/2027 (including 2 Option Years)
Bid Opening Date:	05/23/2022
Bids Received:	4
Other Bids Received:	
Capitol Paving	N/A
Fort Myer Construction Corporation	\$20,393,740.00
Spiniello Companies	\$28,626,632.00

Purpose of the Contract:

This contract provides emergency and urgent sewer lateral replacement services at various public space locations in Washington, DC.

Contract Scope:

DC Water will award an Indefinite Delivery and Indefinite Quantity (IDIQ) contract to the selected contractor. As emergency or urgent work is identified, DC Water Sewer Operations will develop scopes of work, negotiate costs using pre-established pricing, and issue task orders to the contractor. Typical task order scopes may include:

- Emergency Rehabilitation of Sanitary Sewer Lateral
- Add or Replace Building Sewer Cleanout Pipe
- Add or Replace Street Sewer Wye or Thimble with Wye Saddle

Federal Grant Status:

- This Construction Contract is not eligible for Federal grant funding assistance.

PROCUREMENT INFORMATION

Contract Type:	Unit Price	Award Based On:	Best Value
Commodity:	Construction	Contract Number:	220040
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Pumping and Sewer Operations
Service Area:	Sanitary	Department Head:	Kenrick St. Louis
Project:	MF, NW, OX		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 17,045,420.00
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%	\$ 17,045,420.00

_____/_____
 Kishia L. Powell Date
 COO and EVP

_____/_____
 Dan Bae Date
 VP of Procurement

_____/_____
 Matthew T. Brown Date
 CFO and EVP
 Finance and Procurement

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

Presented and Adopted: September 1, 2022
SUBJECT: Approval to Execute Contract No. DCFA 519, Joint Venture of Ramboll Engineering, PC and CDM Smith, Inc.

#22-55
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 1, 2022, upon consideration of a non-joint use matter, decided by a vote of __() in favor and __() opposed to approve the execution of Contract No. DCFA 519, Joint Venture of Ramboll Engineering, PC and CDM Smith, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. DCFA 519, Joint Venture of Ramboll Engineering, PC and CDM Smith, Inc., for the contract period of four years plus four renewal periods of one year each. The purpose of the contract is to provide program management, construction management, and all necessary technical services to achieve the Lead Free DC program goal of replacing all lead service lines in Washington, DC by 2030. The contract not-to-exceed amount is \$66,354,879.

Secretary to the Board of Director

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

ACTION REQUESTED

ENGINEERING SERVICES:

**Lead Free DC
Program Management & Construction Management (PMCM)
(Non-Joint Use)**

Approval to execute an architectural and engineering services contract not to exceed \$66,354,879.00. for the contract period of four years plus four renewal periods of one year each. The renewal periods will be approved at DC Water's sole discretion.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Joint Venture (JV) of Ramboll Engineering, PC and CDM Smith Inc 4201 Mitchellville Road, Suite 500 Bowie, MD 20716	Bryant Associates, Inc. Hyattsville, MD	DBE 10.0%
	DM Enterprises, LLC Baltimore, MD	DBE 2.5%
	Interagency, Inc. Washington, DC	DBE 2.5%
	Lourenco Consultants, Inc. Washington, DC	DBE 2.5%
	BVF Engineering, Inc. Wayne, NJ	DBE 2.0%
	CoreGroup, LLC Dayton, NJ	DBE 2.0%
	Soil and Land Use Technology (SaLUT) Washington, DC	DBE 2.0%
	PL Associates, Inc. Edgewood, MD	DBE 1.0%
	Savin Engineers, P.C. Pleasantville, NY	DBE 0.5%
	DP Consultants, Inc. Washington, DC	WBE 4.0%
	PRR, Inc. Baltimore MD	WBE 4.0%
	SZ PM Consultants, Inc. Oakton, VA	WBE 2.0%
	<i>Community Engagement/Permitting Services (TBD)</i>	DBE 5.0%

DBE Total = 30% and WBE Total = 10.0%

Three (3) Mentor Protégé arrangements made with BVF Engineering, PL Associates, and SZ PM Consultants

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$ 66,354,879.00
 Contract Time: 2,920 Days (8 Years, Including 4 Option Years)
 Anticipated Contract Start Date (NTP): 10/01/2022
 Anticipated Contract Completion Date: 09/30/2030 (Including 4 Option Years)
 Other Firms submitting proposals/ qualification statements:
 JV: DC Equity Partners (DCEP) (Milhouse Engineering, TB&A, EPC Consultants) *
 JV: Lead Free Community Partners (Peer Consultants & AECOM) *
 Mott MacDonald I&E *
 Prime Partners Engineering

* Asterisk indicates shortlisted firms

Purpose of the Contract:

Provide program management, construction management, and all necessary technical services to achieve the Lead Free DC program goal of replacing all lead service lines in Washington, DC by 2030.

Contract Scope:

The overall scope is to replace all lead service lines within the District of Columbia by 2030. This contract provides core services needed to obtain that goal. Work includes:

- Providing program and construction management services
- Providing public outreach and communication, program controls and reporting to Maximize customer participation.
- Providing data management, field management services, technical support, workshops and other related services as needed.
- Expanding and refining DC Water's existing service line data inventory
- Enhancing local subconsultants/subcontractors' participation.

Federal Grant Status:

- This contract is eligible for Federal grant funding assistance.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Best Value
Commodity:	Professional Services	Contract Number:	DCFA 519
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water	Department Head:	William Elledge (Interim)
Project:	ST		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$66,354,879.00
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%	\$66,354,879.00

David Parker
Digitally signed by David Parker
 DN: E=David.Parker@dcwater.com,
 CN=David Parker, OU=Engineering,
 OU=WASA Users, DC=dcwasa,
 DC=com
 Date: 2022.07.12 10:37:21-04'00'

 David Parker Date
 Acting Vice President, Engineering

 Matthew T. Brown Date
 CFO and EVP
 Finance and Procurement

 Dan Bae Date
 VP of Procurement

 David L. Gadis Date
 CEO and General Manager