



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
303rd MEETING OF THE BOARD OF DIRECTORS
Thursday, December 7, 2023
9:30 am

This Board Meeting can be viewed via livestream: <https://dcwater.com/watch-board-meetings>

- I. **Call to Order (Rachna Butani- Bhatt, Acting Chair)**
- II. **Roll Call (Michelle Rhodd, Board Secretary)**
- III. **[Approval of the November 2, 2023 Meeting Minutes](#)**
- IV. **Chairman’s Overview**
- V. **Committee Reports**
 1. [Governance Committee \(Christopher Herrington\)](#)
 2. [Human Resources and Labor Relations Committee \(Steven Shofar\)](#)
 3. [Executive Committee \(Rachna Butani-Bhatt\)](#)
 4. [Environmental Quality and Operations Committee \(Sarah Motsch\)](#)
- VI. **Issues of General Interest**
- VII. **[CEO and General Manager’s Report \(David L. Gadis\)](#)**
- VIII. **[Summary of Resolutions and Contracts \(FYI\)](#)**
- IX. **Consent Items (Joint Use)**
 1. [Approval to Exercise Option Year 4 of Contract No. 19-PR-DPT-31, Staff Model Health Maintenance Organization \(HMO\), Kaiser Foundation Health Plan of the Mid-Atlantic States, Inc – Resolution No. 23-70](#) (Recommended by the Human Resources and Labor Relations Committee 11-08-23)
 2. [Approval to Exercise Change Order No. 08 of Contract No. 200020, Emergency Sewer Main Infrastructure Repair and Replacement Contract for FY21-FY23, Spiniello Companies – Resolution No. 23-71](#) (Recommended by the Environmental Quality and Operations Committee 11-16-23)
 3. [Approval to Exercise Option Year 3 and Add Funding to Contract No. 10030, Annual Maintenance, Repair, and Calibration of Instrumentation Control and Electrical Equipment, C&E Services, Inc. of Washington – Resolution No. 23-72](#) (Recommended by the Environmental Quality and Operations Committee 11-16-23)
 4. [Approval to Exercise Option Year 4 of Contract No. 19-PR-DWT-21B, Supply and Delivery of Methanol, Mitsubishi International Corp. – Resolution No. 23-73](#) (Recommended by the Environmental Quality and Operations Committee 11-16-23)

5. [Approval of Appointment of the Officers of the Board – Resolution No. 23-75](#)
(Recommended by the Executive Committee 11-09-23)

X. Consent Items (Non-Joint Use)

1. [Approval to Execute Contract No. 230060, Sewer Life Restoration Program \(SLRP\) – 2, Spiniello Companies – Resolution No. 23-74](#) (Recommended by the Environmental Quality and Operations Committee 11-16-23)

XI. Executive Session¹ (Rachna Butani-Bhatt, Acting Chair)

XII. Adjournment (Rachna Butani-Bhatt, Acting Chair)

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

Upcoming Committee Meetings | via Microsoft Teams

- December 14th @ 9:30 am Environmental Quality & Operations Committee
- December 19th @ 9:30 am DC Retail Water and Sewer Rates Committee
- December 19th @ 11:00 am Finance & Budget Committee

Important Reminder | Next In-Person Meeting

- January 4th @ 9:30 am 304th Meeting of the Board of Directors

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 DC Official Code § 2-575(b)(1); terms for negotiating a contract, including an employment contract, under DC Official Code § 2-575(b)(2); obtain legal advice and preserve attorney-client privilege or settlement terms under DC Official Code § 2-575(b)(4)(A); collective bargaining negotiations under DC Official Code § 2-575(b)(5); facility security matters under DC Official Code § 2-575(b)(8); disciplinary matters under DC Official Code § 2-575(b)(9); personnel matters under DC Official Code § 2-575(b)(10); third-party proprietary matters under DC Official Code § 2-575(b)(11); train and develop Board members and staff under DC Official Codes § 2-575(b)(12); adjudication action under DC 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 DC Official Code § 2-575(b)(14); and other matters provided under the Act.



**302ND BOARD OF DIRECTORS MEETING
MINUTES OF THE MEETING
NOVEMBER 2, 2023
(Via Microsoft Teams)**

DIRECTORS PRESENT

District of Columbia Members

1. Tommy Wells, Chairperson
2. Rachna Bhatt, Vice Chairperson
3. David Franco, Principal
4. Anthony Giancola, Principal
5. Howard Gibbs, Principal
6. Wendell Felder, Principal
7. Jed Ross, Alternate

Prince George's County Members

1. Tara Jackson, Principal
2. Jared McCarthy, Alternate

Montgomery County Members

1. Fariba Kassiri, Principal
2. Jon Monger, Principal
3. Steven Shofar, Alternate

Fairfax County Members

1. Christopher Herrington, Principal
2. Sarah Motsch, Alternate

DC WATER STAFF

1. David Gadis, CEO and General Manager
2. Matthew Brown, Chief Financial Officer and EVP, Finance, Procurement and Compliance
3. Wayne Griffin, Chief Administration Officer and EVP
4. Jeffrey Thompson, Chief Operating Officer and EVP
5. Michelle Rhodd, Board Secretary

The 302nd meeting of the District of Columbia Water and Sewer Authority's Board of Directors was called to order by Chairperson Tommy Wells at 9:33 a.m. The meeting was held via Microsoft Teams and streamed live at dcwater.com. Board Secretary Michelle Rhodd called the roll, and a quorum was established.

I. APPROVE MINUTES

Chairperson Wells asked for a motion to approve the minutes of the October 5, 2023, meeting.

Upon a motion duly made and seconded, the Board of Directors approved the minutes of the October 5, 2023, meeting as presented.

II. CHAIRPERSON'S OVERVIEW

Chairperson Wells welcomed Jon Monger, the new Board member serving for Montgomery County, and thanked him for joining them.

III. CEO AND GENERAL MANAGER'S REPORT

CEO and General Manager David Gadis reported that on Saturday, October 21, 2023, he was able to give remarks and celebrate the completion of the Northeast Boundary Tunnel, the final component of the Anacostia River Tunnel System. The celebration generated outstanding participation from the Federal District and Community Partners, including Congresswoman Eleanor Holmes-Norton, District Council members, Environmental Protection Agency (EPA) members, and more.

With the Northeast Boundary Tunnel complete, the Authority turned its focus to the Potomac River Tunnel Project, which is the next phase of the Clean Rivers Project. At the October meeting, the Board of Directors approved a design contract for the construction of the Potomac River Tunnel. Once operational, the 5.5-mile tunnel will reduce combined sewer overflows to the Potomac by 93%, which will improve water quality and habitat for aquatic life. Work is expected to begin in early 2024 and is expected to be completed in

early 2030, which will give the team time to plan another celebration worthy of the accomplishment.

On October 6, 2023 confirmation was received that Moody's affirmed DC Water's Aa1 and Aa2 ratings on the senior and subordinate leased revenue bonds. In their press release detailing the ratings, The Aa1 rating for the senior bonds "reflects the strength of the Authority's service area and revenue base, consistently sound coverage of debt service, and healthy liquidity." On October 10, Standard & Poor's (S&P) affirmed the Authority's AAA rating, with emphasis on the strong management and collective involvement of the entire executive team. CEO Gadis thanked Matt Brown, Chief Financial Officer and EVP, Finance, Procurement and Compliance and his team for their consistency and stewardship of the Authority, management, and market reputation. Additional support for the S&P meeting was acknowledged, as CEO Gadis felt it was key to this decision.

The employees were also celebrated at the 7th Annual Star for Water Employee Recognition Gala was held on October 14. Nearly 450 employees attended the event which recognizes and acknowledges the best and brightest of Team Blue as nominated by their peers. The biggest prize is the CEO General Manager's Award, of which this year, four employees received this award: Joe Edwards, Michelle Johnson, Jermaine Quattlebaum, and Daryl Tate. CEO Gadis congratulated those individuals.

Following Mr. Gadis' remarks Board member Anthony Giancola asked if events were being planned to honor veterans for the upcoming Veteran's Day. Mr. Gadis stated that Ms. Williams and her team are planning to do so this year, as they have done in previous years. Mr. Giancola recommended that the Authority consider soliciting veterans for employment. Mr. Giancola asked how many Authority employees have veteran status.

IV. COMMITTEE REPORTS

Environment Quality and Operations Committee Report Reported by Sarah Motsch

Environmental Quality and Operations Committee Chairperson Sarah Motsch reported that Nicholas Passarelli, VP, Wastewater Operations, briefed the Committee on the performance of the Blue Plains Advanced Wastewater Treatment Plant (BPAWTP). All parameters were within the National Pollution Discharge Elimination Standard (NPDES) permit limits. The monthly average flow to complete treatment was 284 million gallons per day (MGD) for September. The tunnel systems and wet weather treatment captured 235 million gallons despite 3.67 inches of rain from a number of rain events. Onsite energy generation from the Combined Heat and Power (CHP) facility and solar panels for the month was 23% of the average consumption at the BPAWTP. 1,524 wet tons of biosolids

were sold as Bloom in September, further exceeding the 55,000 annual goal with 64,818 sold to date.

Moussa Wone, Vice President, DC Clean Rivers presented the quarterly update for the Clean Rivers project. The Anacostia Tunnel System Performance for 2023 was affected by the Northeast Boundary Tunnel (NEBT) commissioning in July and August but following the necessary shutdowns the commissioning of the NEBT and the Combined Sewer Overflows (CSOs) controls for the Anacostia River Tunnel system are now complete.

Since the NEBT went into service, the facility has retained 137 million gallons. Total capture for the Anacostia Tunnel System since inception in 2018 is 15.5 billion gallons, and over 9,961 tons of trash for a total trash capture rate of 91%. CSO 025 and 026 Separation projects were completed for the Potomac River Tunnel and the Potomac River Tunnel Advanced Utility Construction is 75% complete. Notice to Proceed for the Potomac River Tunnel construction is anticipated for November 2023 with the place in operation date projected to be February 2030

The Green Infrastructure Project B in the Rock Creek Watershed is on track to meet the substantial completion date of October 21, 2023 with final completion projected to be almost a year, ahead of the January 23, 2024 consent decree date.

Dr. Wone informed the Committee of the Northeast Boundary Tunnel grand opening celebration on October 21, 2023.

Getachew Melsew, Senior Planning Manager for Engineering presented the risk-based prioritization of linear assets. DC Water follows a risk-based Asset Management approach, which is a data driven process where inspection of linear water and sewer assets and information obtained from field crews and customers is used to calculate the risk of asset failure. Mr. Melsew explained how the asset failure risk is calculated using software, which is then plotted on a scatter diagram and also entered into the Geographic Information System (GIS) to show the risk magnitude and spatial distribution of the assets. Operations and Engineering staff evaluate the analysis to determine agreement with their system knowledge and consider other information that was not captured in the analysis. These maps and risk-based prioritization results are then compared to equity maps to identify vulnerable communities and prioritization is adjusted accordingly.

Mr. Melsew provided a more detailed explanation about equity considerations during prioritization. The equity lens considerations include racial demographics, socioeconomic demographics, and household characteristics. This approach allows DC Water to prioritize certain projects that benefit vulnerable communities but does not impact the priority of the high-risk assets with a high consequence of failure. The consideration of equity in the planning of capital projects is developed based on lessons learned from several utilities and counties in the nation. One of the most important aspects of equity is community involvement and giving the opportunity or platform for sharing of community priorities. To help achieve that goal, DC Water is developing a dashboard to connect with

customers. The DC Water Equity Dashboard is intended to become an outward-facing platform where customers can interact and see the impact they are making.

Once projects are prioritized, an implementation plan is developed with considerations for prioritization with other DC Water and third-party projects and availability of funds within the Capital Improvement Program. Once the implementation plan is approved, capital projects proceed with the design and construction phase.

The risk-based asset prioritization process considering equity will continue to evolve through improved data management, community engagement, and use of technologies and analysis tools.

William Elledge, Director of Engineering & Technical Services, presented the cost impacts to the Capital Improvement Program due to Cured In-Place Piping (CIPP) changes. The Soapstone Sewer Rehabilitation Project in Northwest D.C. includes over a mile of sewer rehabilitation using CIPP. Following feedback from the community and the air quality permitting group within the District Department of Energy and the Environment (DOEE), the steam cure method and styrene resins for the CIPP lining were changed after construction started to minimize the air emissions. The changes to curing method, resin type, and additional air quality monitoring, have increased costs by about 30% to 35%, which when applied to the 10-year CIP could add up to \$200 million to \$300 million in increased costs. Although the new curing method no longer uses steam, air testing is still necessary for regulatory compliance per DOEE and to date, all air monitoring is in compliance with DOEE requirements. Air quality sampling is also being done in partnership with a research project by the Water Research Foundation (WRF), the results of which may impact standards for future CIPP work in DC and beyond. Mr. Elledge stated that DC Water is currently not allowing CIPP to use the steam cure method and styrene resins, which creates cost impacts in current projects and delays that DC Water will monitor closely.

Mr. Wells stated that the Clean Rivers project is one of the most amazing in the country. It is at least a \$3 billion project. By opening the Northeast Boundary Tunnel, the rainwater captured for the Anacostia River overflow tunnels was now complete. He suggested hosting a thematic event celebrating this accomplishment.

*Retail Water and Sewer Rates Committee
Reported by Rachna Bhatt*

Retail Rates Committee Chair Rachna Bhatt reported that Syed Khalil, the Vice President of Rates and Revenue, presented the Monthly Report. He reported that total cash received in September 2023 was \$853.3 million or 101.3% of the Revised Budget. Total receipts were very close to the mid-year projection at 100.4%. Federal receipts were \$83.8 million or 98.9% of the budget and were lower by approximately \$0.9 million due to disputed accounts of Soldiers Home. DC Government receipts were slightly under budget at \$21.5 million or 92.6%, mainly due to lower consumption as compared to the budget.

Mr. Khalil highlighted areas of variances against budget. He reported that Other Revenue was lower than expected at \$45.9 million or 87.6% of the budget, due to lower receipts for interest earnings, the System Availability Fee and Washington Aqueduct Backwash. Residential, Commercial, and Multi-family receipts were higher at \$490.8 million, or 103% of the revised budget. DC Housing Authority was slightly higher at \$15.8 million or 111.2% of the budget. Wholesale customers were at \$105.3 million or 100.7% of the budget. Delinquencies greater than 90-days increased by approximately \$0.3 million in September as compared to the previous month, whereas it decreased by approximately \$0.5 million in August. The current delinquencies balance of \$28.0 million is lower than \$31.0 million in December 2022. Delinquent accounts as a percentage of total accounts were 8.0%.

Ivan Boykin, Vice President of Finance, presented DC Water's High Bond Presentation emphasized that: DC Water's high bond ratings from both Standard and Poor's (S&P) and Moody's were reaffirmed; DC Water plans to borrow \$2.7 million over the next decade to support \$7 billion in capital programs; S&P assigned DC Water the highest rating (AAA); and Moody's rating is one notch below the highest, with an Aa1 ratings.

Challenges noted in the report include above-average leverage and planned capital investments that will require ongoing rate increases. S&P had an in-person meeting that included DC Water Board members and the Senior Executive Team. S&P's report mentioned DC Water's healthy financial margins, good liquidity, reserves, and high leverage. The presentation also covered several highlights from the reports:

- Robust customer assistance programs;
- Willingness to make rate adjustments as necessary;
- Elevated environmental risks; and
- The absence of unfunded benefits for DC Water.

John Davis from Raftelis presented the Stormwater Cost Recovery Presentation. Mr. Davis informed the committee that the study was to determine responsibilities between the District and DC Water in managing stormwater, with potential implications for maintenance, costs, and ratepayers. The study sought to evaluate if current responsibilities and funding sources should continue as is.

The District has two stormwater systems: a combined system processed through Blue Plains and separated sewers discharged to surface waters without treatment. The cost for the combined system is recovered through CRIAC and the Sewer Volumetric Rate while the cost for the separate system was recovered only through the Sewer Volumetric Rate.

Mr. Davis highlighted that data points were collected from various sources, including the Sewer System Asset Management Plan, DC Water O&M (operation and maintenance) data, budgets, permits, enabling legislation, MOUs, and EPA Settlement Agreement.

DC Water is responsible for catch basins, stormwater pipes, manholes, outfall structures, inlet structures, outlet structures and more.

The report recommended shifting from volumetric rates to an impervious area-based methodology for stormwater cost recovery through customer billing or other methods. It was noted that this change would promote proportional use and responsibility, with those using less will pay less. Concerns were raised by board members about how customers might perceive these changes and the potential impact on their bills. Discussions examined including stormwater fees in existing charges like CRIAC or District stormwater fees rather than creating a new line item.

Mr. Wells stated customers could decrease their costs by using less water and asked if increasing the CRIAC charge would remove the customer's ability to control their bill. Mr. Davis stated that was correct. Ms. Bhatt stated that she felt it was important that customers take action in order to control their bills. She acknowledged that the Board has a responsibility to follow the rate setting policy to allocate costs but felt that a new stormwater fee might be very frustrating for their consumers. She recommended that rather than creating a new line item in the billing, DC Water either include it in the CRIAC or District stormwater fee. The MOU allocating responsibilities with the District was 23 years old, and she suggested reviewing it to determine if it reflects what DC Water is doing.

Mr. Davis suggested a need for better cost data and recommended modifying accounting practices to better capture breakdown between sewer and stormwater costs. Developing a methodology to measure the cost impacts of assuming additional responsibilities was recommended.

Mr. Davis identified steps which include determining stormwater costs for impervious area-based charges, calculating rates in the COS Study, and updating need assessments and cost accounting. He stated that the majority of revenue from the changes would come from DC ratepayers, with no impact on suburban customer payments.

*Finance and Budget Committee Report
Reported by Anthony Giancola*

Finance and Budget Committee Chairperson Anthony Giancola reported that the Lola Oyeyemi, Vice President, Budget presented the September 2023 Financial Report. 2023 ended favorably as per the budget. Revenues were slightly above budget at \$853.3 million or 101.3 percent of the budget. Expenditures were below budget at \$675.2 million, or 98.4 percent, and capital disbursements were below budget at \$435.1 million, or 86.6 percent of the budget.

There were 1144 filled positions with a vacancy rate of 11.6 percent by the end of FY 2023. She noted that this was a significant improvement compared to the 17 percent at

the beginning of the fiscal year. Mr. Giancola asked for an estimate of the carryover funds, and Ms. Oyeyemi reported there was no significant variance from the \$11 million reported during the mid-year review. Mr. Giancola also asked what percentage would be used for vacancies in the 2025 budget process. Ms. Oyeyemi reported that historically, DC Water accounted for five percent, and it had been increased to seven percent in the FY 2024 budget. It was recommended to make that percentage higher in future budgets.

Board member David Franco stated that DC Water had issues with vacancies over the last few years and asked if there was a KPI that could track vacancies. Mr. Giancola stated there were no KPIs as far as he knew, but the vacancy rates are reported every month. Ms. Oyeyemi stated that the number of positions hired was tracked, and the committee would be informed about future reports to the Board. Mr. Franco also asked if DC Water needed to make any structural changes to recruit more people if the high vacancy trends continue. Ms. Oyeyemi responded that DC Water is working with a consultant on Human Capital Management Strategy with ongoing meetings with the Senior Executive Team and management to discuss the assessment of current skills, capabilities, and competencies of existing employees, consider future workforce needs and training opportunities, and leveraging Artificial Intelligence (AI) or technology to help with workload distribution. CEO David Gadis stated that when reviewing other utilities across the country, DC Water's performance is in the highest quartile for vacancies. Some utilities have much higher vacancy rates. He stated that DC Water would continue to work towards the goal of achieving a lower vacancy rate, and this will be included in future budgets. Ms. Oyeyemi also noted that the total operating interest income was \$6.2 million, which is higher than historical trends due to higher short-term rates. Mr. Giancola stated that management should revisit the need to budget higher overtime costs, review if departments are adequately staffed and/or revise the vacancy rate. Ms. Oyeyemi stated that FY 2023 was an anomaly as overtime was used earlier in the fiscal year to learn and stabilize the new ERP system for payroll functions in addition to year-end audit and inventory activities.

Ms. Oyeyemi next reported on the FY 2024 Committee Workplan. It was a standard report, except that in FY 2025, the budget cycle will include the two-year rate proposal for the review and recommendation of the committee and review of the upcoming contracts for underwriting services.

Next, Ms. Oyeyemi updated the Committee on the DC Water High Bond Rating Affirmation. As this item was presented in previous committee reports, Mr. Giancola stated he would focus on the comments and questions. Mr. Wells had asked why DC Water had been singled out by S&P for having a higher environmental risk than their peer utilities, as there was a risk of drought, flood and heat in the entire region. Ivan Boykin, Vice President, Finance responded he would follow up on that item. Mr. Wells had also requested an update on the cost of the Clean Rivers Project due to the impact of inflation, supply chain, and other things. He also asked if it was, therefore, recalculated in the budget. Ms. Oyeyemi stated that the increased cost for the award of the Potomac River Tunnel contract recently approved by the Board was funded by deferring other capital

projects and that the revised cost estimates will be included in the upcoming budget for consideration by the Board in January.

Board member Tara Jackson congratulated Mr. Gadis and his team for reducing the vacancy rate.

*Audit and Risk Committee Report
Reported by Jed Ross*

Audit and Risk Committee Vice Chairperson Jed Ross reported that the ERM 101, ERM 201, ERM 202, and Board trainings have been completed. The next steps are to engage stakeholders to further advance ERM maturity and overall risk awareness. Additionally, risk deep dives were conducted for two enterprise risks: revenue erosion & expenditure increase and changing regulations. The team is now working to update the risk deep dive process and ERM playbook based on lessons learned from these pilot reviews.

The Enterprise Risk Management team has implemented the Origami risk solution, which includes both policy and risk management processes. The Origami system will serve as a repository for board resolutions and policies, aiming to consolidate this information which is currently housed in multiple locations. An overview of the role of the Senior Executive Team (SET) in achieving strategic imperatives was provided. Members of the SET will be executive risk sponsors, serve as points of contact for facilitated deep dives, and appoint risk owners to manage day-to-day activities.

The results of the 2022 Enterprise Risk Assessment were shared. There were 13 risks identified, with six classified as Tier 1 and seven classified as Tier 2.

Mr. Ross went on to report that with the completion and issuance of two completed audits and the risk assessment this quarter, the FY23 internal audit plan has been completed. There is one open high-risk finding to date. It is related to the FY23 DWO Work Order Management audit conducted in Q3 and its estimated closure date is 8/31/2024. 98% of prior audit findings from FY16 – FY22 have been closed.

Also, a management assessment of the Continuity of Operations (COOP) planning process was conducted in Q4. Given this was a management assessment and not an audit, Internal Audit did not have any findings to report. The RSM team stated that DC Water has one of the most mature COOPs that they have reviewed and commended the team on their efforts. Internal Audit provided recommendations regarding how the DC Water team could make policies around remote work more robust.

An audit of the Fleet Department and its management processes was conducted in Q4. The Fleet department had significant changes over the past several years, including changes in leadership, relocation of fleet headquarters, and outsourcing of repair and

maintenance activities to a contractor. Internal Audit identified one high, one moderate, and four low risk findings.

One new call has been made to the Fraud, Waste, and Abuse hotline in the past quarter. The call was related to alleged time theft and is under investigation currently. It is the only call remaining open at this time.

Internal Audit conducted their annual risk assessment, involving interviews of various members of management and the Audit Committee, as well as a survey sent to 36 members of management and all Board members. The results of the risk assessment were used to inform the FY24 internal audit plan.

Mr. Ross concluded his report by noting that the FY24 internal audit plan includes 7 cycle audits, 2 ad hoc audits, and 1 management assessment. RSM provided project justifications for all 10 proposed projects. The Audit and Risk Committee agreed with RSM's plan and recommends it for approval.

V. ISSUES OF GENERAL INTEREST

Mr. Wells informed the Board that the Executive Committee met to consider and discuss 2024 committee assignments. He stated he would reach out to Board members about their interests, but it does not appear there will be substantial changes unless it was requested.

Mr. Wells shared that he was moving on from his position at DC Government. He will continue as the Chair of DC Water at least through September.

VI. CONSENT ITEMS (JOINT USE)

1. Approval to Add Funding to Option Year No. 2 of Contract No. 10068, Supply and Delivery of Calcium Hydroxide, W.K. Merriman, Inc. – Resolution 23-68 (Recommended by the Environmental Quality and Operations Committee 10-19-23)
2. Approval to Execute Contract No. DCFA #535, Non-Process Facility Design Service Basic Ordering Agreement (BOA), Alphatec PC - Resolution No. 23-69 (Recommended by the Environmental Quality and Operations Committee 10-19-23)

Upon a motion duly made and seconded, the Board of Directors voted and unanimously approved the resolutions as presented.

VII. ADJOURN

There being no further business to come before the Board, Mr. Wells adjourned the meeting at 10:31 a.m.

Michelle Rhodd
Secretary to the Board of Directors



**GOVERNANCE COMMITTEE
MINUTES OF THE MEETING**

NOVEMBER 8, 2023
(via Microsoft Teams)

COMMITTEE MEMBERS PRESENT

1. Christopher Herrington, Chairperson
2. Fariba Kassiri, Committee Member

DC WATER STAFF

1. Wayne Griffith, Acting Chief Operating Officer, EVP
2. Marc Battle, Chief Legal Officer and EVP, Government and Legal Affairs
3. Michelle Rhodd, Secretary to the Board

The Governance Committee meeting was called to order by Christopher Herrington, Chairperson, at 9:00 AM. The meeting was held via Microsoft Teams. Board Secretary Michelle Rhodd called the roll.

I. ANNUAL DC WATER WORKS REPORT FY23

Korey Gray, VP of Contract Compliance and Business Development, presented the FY23 Annual DC Water Works Report. For FY23, 125 positions were filled, with 106 of those filled by residents (86%) and 60 coming directly from the DC Area (48%). Of those hired, 89 were male and 36 were female. The majority of the positions filled were Laborer Positions at 69. There were 19 Service Positions filled, 19 Technical Positions filled, and 18 Admin/Management positions filled. Hired DC Residents were presented by Ward, all of whom they had gotten hired for except Ward 3.

Mr. Gray thanked DC Water's strategic partners, as their project would not be as successful without them. He highlighted DOES, DCIA, and DCSEU, from which they had several recruitments. This program began in 2016, and since then, they have placed more than 600 local residents in jobs. Year after year, DC Water continues to meet its goal of hiring locally.

Mr. Gray presented the Skills Training Programs, which had allowed DC Water to create talent locally, which they then hired. The Lead-Free DC Community Activators Initiative would provide a year's worth of training to create Ambassadors or allow people to continue into more technical areas. Of the 20 trainees in this program, 100% were minorities, and 50% were women. This program was paid for through an agreement with the District Department of Employment Services, which paid \$17/hour. Rather than just training, these individuals are training toward a career.

The DC Water Apprenticeship Program establishes a pipeline directly into DC Water by bridging a gap in skills that began at entry-level jobs. The length of the apprenticeship matches the years of experience required for licensing or credentialing and is registered with the District of Columbia. Trades for Cohort 2, including Buildings and Grounds (2 years), Paint Shop (3 years), Utility System Operations (4 years), Utility Services (2 years), and Maintenance Services (4 years). In total, there were ten apprentices in the system. These are not just skills programs but investments in future workers. This is saving in personnel costs, as each year the apprentice gains more knowledge, they have their wages increased, but it still comes in under a new hire until training is complete.

The Department of Sewer Services Summer Training Program was launched in partnership with the District Department of Employment Services and the District of Columbia. These participants had a dedicated mentor to work with during the summer program. Conflict Resolution and Workplace Safety Training was also provided.

DC Water is working on a new initiative called the High School Internship Program. The goal of this program is to find and prepare talent through the school system in order to create a pathway of employment to DC Water. For students interested in working with utilities, a curriculum can be provided in order to bring them to work in the utility space with DC Water. Then, at the 12th-grade level, work experience will be provided to those who have participated. The program would be from January to May, where the students would come part-time and get some skills training. This way, students can consider working at DC Water as they consider their career goals. This Internship Program is in collaboration with DC Public Schools and DOES. The training is paid over the course of 24 weeks at 20 hours per week for \$17/hour. Students will need to be 18 years or older at the time that the program starts, and they will have to maintain a passing GPA. The departments that have agreed to participate in the pilot included Customer Care, DETS, Utilities, and Pumping. In addition to the work experience, some of the classroom experience will include Conflict Resolution, Effective Development, Financial literacy, Resume Writing, and knowledge of Office 360.

DC Water continues to engage with its partners, both regionally and nationally. A lot of work was put into the apprenticeship programs in order to develop a more effective workforce development initiative. DC Water spoke at several commencement ceremonies this year with DOES. From Cohort One, five apprentices graduated and joined as employees of DC Water. Cohort 2 had been successfully transitioned. In September 2023, DC Water received the Training Employment and Partnership Award at the Annual

Shining Star Award Gala in recognition of the workforce development effort. Mr. Gray thanked everyone involved in the creation and maintenance of the programs, as well as those who had participated in the programs.

Mr. Herrington asked if this was being presented to other committees. Mr. Gray stated they typically present to this committee unless requested to present further.

Mr. Herrington asked if previous recruits had matched their rate of women participation. Mr. Gray stated that they had increased the number of women participating. In apprenticeship, 50% of participants were female, which was by design.

Mr. Herrington noted that employment opportunities had remained consistent from FY21 to FY23. He asked if that was a limit to their hiring. Mr. Gray stated these forecasts were made based on yearly projections for new hires. As shifts are made in the company for job opportunities, the goal will be adjusted for FY24 and onward.

Mr. Herrington asked if the individuals who had joined the Lead-Free DC Community Activators were working from across the district, as it was mentioned that transportation was being provided. Mr. Gray stated that as many of the individuals in the program were working at Blue Plains, transportation was being provided there. As people work in the field, there is less of an issue for transportation.

Mr. Herrington stated he felt the length of the apprenticeships seemed long, and he asked for the reasoning behind the lengths. Mr. Gray stated the length of the experience is one factor in how long these apprenticeships are in order to get licensing or recognition for their time in that position. Rather than having a shorter program, they made it long enough to get credentials for the work they have done. Mr. Herrington suggested reviewing their required minimum work when hiring people, especially as they face more difficulty bringing in applications.

Mr. Herrington asked where the high school participants might be working during the high school program. Mr. Gray stated they will need to build out what the on-the-job experience and classroom experience will look like. For Customer Care, meter inspection and testing would include classroom work followed by shadowing in the field followed by some of their own testing. For DETS, the design work will involve understanding CADs and drawings. For utilities, the utility services would include working with pipes and installing new pipe lining. For Pumping, the pumping operations work in the field would make up their time. These would be an initiation to the respective areas but provide sufficient understanding for each field.

Mr. Herrington asked if the high school participants would gain high school credit while working. Mr. Gray stated the program would count towards their high school graduation credits, and a capstone project would be completed at the end, which the students can present at their schools. If the students are in a career credit program, this program will hopefully be leveraged to count towards career credits.

Ms. Kassiri requested a copy of the slides.

II. ADJOURNMENT

There being no further business, the meeting was adjourned at 9:40 AM.



**MINUTES OF THE MEETING OF
HUMAN RESOURCES AND LABOR RELATIONS COMMITTEE
NOVEMBER 8, 2023
(via Microsoft Teams)**

COMMITTEE MEMBERS PRESENT

1. Steven Shofar, Chairperson
2. Jed Ross, Vice Chairperson
3. Tara Jackson, Principal, Prince George's County
4. Christopher Herrington, Principal Fairfax County
5. Tommy Wells, Principal, District of Columbia

DC WATER STAFF

1. Joy Dorsey, Chief People Officer and Executive Vice President, P & T
2. Michelle Rhodd, Secretary to the Board
3. George Spears, VP, Labor Relations & Compliance
4. Wayne Griffith, Chief Administration Officer and Executive Vice President

The Human Resources and Labor Relations Committee meeting was called to order by Chairperson Steven Shofar at 11:00 AM. The meeting was held via Microsoft Teams. Board Secretary Michelle Rhodd called the roll.

I. EXERCISE OPTION YEAR 4 OF CONTRACT NO. 19-PR-DPT-31

Dan Bae, Vice President Procurement and Compliance informed the Committee that there was a request to exercise Option Year 4 for HMO medical plan services in the amount of \$6,752,000.00 with Kaiser Foundation. This Option Year would be effective from January 1, 2024, to December 31, 2024. Though there was an increase in the rates, Authority staff were able to negotiate a cap of 5%.

Committee member Christopher Herrington clarified that the Option was a renewal and asked what would change from an employee perspective. Kenya Zeigler, Senior Specialist Benefits stated there were no plan changes, and the rates had just gone up 5%. The deductibles, co-insurance, and other parts of the plan would remain the same.

Following discussion, there was agreement to recommend Board approval to exercise Option Year 4 for HMO medical plan services in the amount of \$6,752,000.00 with Kaiser Foundation.

II. ADJOURN

The meeting adjourned the meeting at 11:05 AM.



**MINUTES OF THE MEETING
EXECUTIVE COMMITTEE**

NOVEMBER 9, 2023
(via Microsoft Teams)

COMMITTEE MEMBERS PRESENT

1. Tommy Wells, Chairperson
2. Rachna Bhatt, Vice Chairperson
3. Christopher Herrington, Principal
4. Tara Jackson, Principal
5. Fariba Kassiri, Principal

DC WATER STAFF

1. David L. Gadis, CEO and General Manager
2. Marc Battle,
3. Michelle Rhodd, Board Secretary

The Executive Committee meeting was called to order by Tommy Wells, Chairperson, at 3:10 PM. The meeting was held via Microsoft Teams. Board Secretary Michelle Rhodd called the roll.

I. NOMINATE 2024 OFFICERS

The Committee reviewed the 2023 Officer slate and discussed additions and changes for the 2024 slate. Committee Chairperson Tommy Wells confirmed that board member Tara Jackson would be stepping down from the Board at the end of December. The Committee discussed which board members would serve in board leadership roles and committee leadership roles.

At the conclusion of their conversation, the Committee agreed on the slate of officers and committee leaders outlined below:

Board Chairperson: Tommy Wells, Principal District of Columbia
First Vice Chairperson: Rachna Butani-Bhatt, Principal District of Columbia
Second Vice Chairperson: Fariba Kassiri, Principal Montgomery County

The Board members of Prince Georges County nominated [Vacant] for Vice-Chairperson and [To come] for Alternate Vice-Chairperson.

The Board members of Montgomery County nominated [To come] for Vice Chairperson.

The Board members of Fairfax County nominated Christopher Harrington for Vice-Chairperson and Sarah Motsch for Alternate Vice-Chairperson.

Ms. Jackson was asked to update Mr. Wells with the names of the individuals who would fill her vacancy when she steps down from the DC Water Board as well as the names individuals who would serve as First Vice-Chairperson and Alternate Vice Chairperson for Prince George's County. Ms. Kassiri was also asked to update Mr. Wells with the names of the individuals who would serve as First Vice Chairperson and Alternate Vice Chairperson for Montgomery County.

II. 2024 COMMITTEE ASSIGNMENTS

Next, the Committee reviewed 2024 assignments.

Committee	Chair	Vice Chair
Audit and Risk Committee	Floyd Holt , Principal Prince George's County	Jed Ross , Alternate District of Columbia
Environmental Quality and Operations Committee	Sarah Motsch , Alternate Fairfax County	Howard Gibbs , Principal District of Columbia
Executive Committee	Rachna Bhatt , Principal District of Columbia	Fariba Kassiri , Principal Montgomery County
Finance and Budget Committee	Anthony Giancola , Principal District of Columbia	Jared McCarthy , Alternate Prince George's County
Governance Committee	Christopher Herrington , Principal Fairfax County	Jon Monger , Principal Montgomery County
Human Resources and Labor Committee	Steven Shofar , Alternate Montgomery County	Jed Ross , Alternate District of Columbia
Strategic Management Committee	[Vacant] , Principal	[Vacant] ,

III. ADJOURNMENT

Mr. Wells adjourned the meeting at 3:22 PM.

Michelle Rhodd
Secretary to the Board of Directors



**MINUTES OF THE MEETING
ENVIRONMENTAL QUALITY AND OPERATIONS COMMITTEE
NOVEMBER 16, 2023
(via Microsoft Teams)**

COMMITTEE MEMBERS PRESENT

1. Sarah Motsch, Chair
2. David Franco
3. Howard Gibbs
4. Chris Herrington
5. Steven Shofar

DC WATER STAFF

1. David L. Gadis, CEO and General Manager
2. Matthew T. Brown, CFO & Executive Vice President, Finance, Procurement and Compliance
3. Jeffrey Thompson, Chief Operating Officer and EVP
4. Marc Battle, Chief Legal Officer and EVP, Government and Legal Affairs
5. Michelle Rhodd, Board Secretary

Sarah Motsch called the meeting to order at 9:30 AM. The meeting was conducted via MS Teams. Michelle Rhodd, Secretary to the Board, DC Water, conducted a roll call of the Committee members and staff present for the meeting.

I. BPAWTP PERFORMANCE UPDATE

Nicholas Passarelli, Vice President of Wastewater Treatment Operations presented a comprehensive overview of the Blue Plains Advanced Wastewater Treatment Plant's (BPAWTP's) performance. The Blue Plains operations were normal, meeting all permit requirements. In September, there were notably low flows, averaging 246 million gallons per day (mgd), due to the dry weather conditions. The Anacostia River Tunnel System received only 4 million gallons of flow, of which 100% was captured. Rainfall for the

Minutes of the November 16, 2023 Environmental Quality and Operations Committee Meeting

month was very low at 0.65 inches of rainfall. The Combined Heat and Power (CHP) Facility generated an average of 6.7 megawatts net power and the solar system generated 0.7 megawatts. Onsite generation was 26% of the total usage. The total purchased power from PEPCO averaged 20.2 megawatts. Biosolids production was 13,408 tons, of which just under 6,000 tons was sold as Bloom and the remaining managed through land application contracts. Based on the fiscal year (FY) 2023 total Bloom production of 64,818 tons, the new FY2024 goal has been set at 65,000 tons.

II. FIRE HYDRANT UPDATE

Sylvia Okogi, Acting Senior Manager of Water Operations presented that the hydrant data is reported in accordance with the Memorandum of Understanding (MOU) between DC Water and DC Fire and Emergency Medical Services (FEMS). The MOU includes a goal to maintain less than 1% of out-of-service hydrants requiring repair or replacement. Ms. Okogi reported that 38 hydrants were out of service as of November 2nd, of which 14 hydrants were found to be defective and in need of repair or replacement and 24 were out of service due to temporary construction work. The locations of the hydrants out of service for temporary construction work do not pose any operational challenges in supporting fire operations. The defective hydrants represent 0.1% of all hydrants in the Authority, well below the agreed-upon 1% threshold.

III. WATER QUALITY MONITORING

Maureen Schmelling, Director of Water Quality and Technology reported a low number of detection events this past summer and through October which demonstrates compliance with the Total Coliform Rule. She mentioned that there was one detection event this week but expressed confidence in the overall positive trend. Under the Lead and Copper Rule, completion of the second-semester sampling was in progress. The first draw was measured at 2.2 parts per billion (ppb), which revealed very low levels of lead or copper, and the second draw will be measured at 7.1 ppb with similar results anticipated. Lead and Copper Rule sampling was anticipated to be completed by the end of November.

IV. CIP QUARTERLY REPORT

David Parker, Vice President of Engineering presented the quarterly update on the Capital Improvement Program (CIP). For the non-process facilities, planning activities focused on roofing and HVAC assessments, seawall replacement at the Main and O Street Pump Stations, and concept designs for historical buildings like Bryant Street and the Main Pump Station upgrades. Procurement efforts included securing design and progressing projects at the Bryant Street and the Anacostia Pump Stations. Design is underway for projects such as the sidewalks and fencing around the Main Pump Station/Headquarters Office (HQO) campus.

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Three Clean Rivers projects were highlighted as under construction: the Northeast Boundary Tunnel, Potomac Tunnel Advanced Utilities, and Green Infrastructure. The Northeast Boundary Tunnel and the Potomac River Tunnel Advanced Utility Construction were reported to be 99% complete, with remaining work for relocating some of the PEPCO docks. The Rock Creek Infrastructure Project B was reported as 98% complete, meeting the consent decree deadline.

Blue Plains had 60 tasks in planning, including a Blue Plains Facility Plan update and the PdNA Pilot project. Nine projects were under design, including the filter underdrains and backwash system project. Procurement items included the remaining Flood Wall sections, which were awaiting final notification from FEMA for a grant. Construction Projects included the Gravity Thickener Upgrades, which reached substantial completion this year, filter influent pumps 1-10 final modifications to address vibration issues, an interim project to rebuild failed filter underdrains, primary sludge/scum piping replacement to address leaks now underway after supply chain issues, reclaimed final effluent pump station upgrades, nitrification sedimentation expansion joints repair due to deterioration over time, grit chamber baffle wall project to improve grit settling, and Digested Sludge Loading Facility (DSLFL) safety repairs.

For CSO and Sanitary Sewer program areas, projects included the emergency design and ongoing construction to repair the East-West Outfall Relief Sewers. The design for the Northeast Boundary Trunk Sewer was completed and is in construction procurement. Construction was completed for the Oregon Avenue Sewer Replacement. On the Potomac Interceptor Manhole 31 (MH31), a Progressive Design-Build contract allowed collaboration between the designer and contractor resulting in a construction concept that eliminated the need for complex and expensive bypass pumping. A project is in construction for the inflatable dam structures on the CSO sewers to replace mechanical equipment and controls with another project in design to replace the inflatable dams themselves. Stormwater pump station upgrades are also underway at several pump stations. Other work included ventilation upgrades and other smaller projects across various sites.

FY23 was a success for the linear Water Program area, as much more small diameter water mains were installed than the baseline projection because there were fewer supply chain issues than anticipated. In total, almost 12 miles of actual installation was achieved, which was above the current year's annual goal of 1% replacement.

For the vertical Water Program area, projects in construction included the Anacostia Elevated Storage Tank No. 2 coating project, Fort Reno Pump Station Booster Pumping, and Bryant Street Pump Station Spill Header project. Other work included preparation of updated Facility Plans, completion of the Water Storage Planning Study for increased water resilience, and improvements to the Anacostia Pump Station.

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For the Lead-Free DC Program, the total number of lead service lines (LSL's) replaced from 2019 to the end of FY23 is approximately 11% of the total estimated number of LSL's in the District. Through FY23 over 30% of all service lines have been verified as lead or non-lead with significant effort expected on verifications in FY24 also. These verifications will allow the estimate of the total number of LSL's to be refined and updated by the end of FY24. \$57.4 million in grants were received from Bipartisan Infrastructure Law (BIL) grants, or Infrastructure Investment and Jobs Act (IIJA) money, to support the By-Block Programs. Other achievements for FY 23 include approval of DDOT permits, ongoing community outreach efforts are, and 2,279 agreements have been received from residents or homeowners to allow replacements on their property.

Committee member Christopher Herrington raised concerns about the lead-free line replacement progress for FY24, noting that the dashboard seemed proportionally low. He sought clarification on whether this discrepancy was due to accounting practices or if the program was on schedule. William Elledge, Director of Engineering and Technical Services explained that the blue bar on the dashboard capturing FY24 projections was based on data with a slight lag, but the plan had since evolved so that the overall goal had been slightly decreased.

For the CIP Quarterly financial update, the total baseline budget for FY23 was \$386.5 million, and the total CIP disbursements through the fourth quarter were \$333 million, or 86% of the baseline plan, below the goal but still a higher amount than previous years. Internally, the best estimates are being established for FY24 baseline budget, considering performance from FY23.

Committee member Howard Gibbs stated there was a \$54 million difference between the projection and the actuals. He asked how that impacted DC Water's borrowing. Matthew Brown, CFO for DC Water, stated DC Water goes to market based on projected borrowings, so funds were borrowed to cover that \$54 million. Since not all funds were expended, the next time we go to the market can be delayed. Now, the 10-year plan is being reviewed to re-estimate future borrowings. The revised 10-year plan will be brought to the Board for approval after January.

For KPI's, there are a total of 35 KPI's monitored for FY23; 22 were completed within the 90-day threshold, 13 were completed outside of the threshold. For the fourth quarter of FY23, 6 KPI's were achieved and 5 KPI's were not completed in the 90-day threshold.

In preparation for the 10-year CIP, DC Water is shifting from a Design-Bid-Build (DBB) model to a more collaborative project delivery model using Progressive Design-Build (PDB) and Construction Management at Risk (CMAR) as the default delivery approach. MH31 of the Potomac Interceptor was a great example of implementing the PDB collaborative approach to reduce risk during the project and avoid bypass pumping.

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These approaches are expected to shorten the duration of projects, decrease procurement actions, increase collaboration with contractors, and reduce risks. The CIP shows increased spending, and discrete projects are being reviewed so that they can be tied into larger projects for fewer contracts with larger contract costs.

Committee member Steven Shofar asked for details about the PDB and CMAR. Mr. Parker stated that PDB includes the designer and contractor joined in the contract, with design developed up to a 60% level with a guaranteed maximum price from the contractor that can be negotiated. The CMAR has a similar arrangement, but the design and build would be separate contracts that would collaborate as the project moves forward. Mr. Parker stated these approaches had provided good results so far, so he looked forward to continuing to do so moving forward.

V. POTOMAC RIVER CROSSING UPDATE

William Elledge, Director of Engineering and Technical Services, DC Water, presented on the Potomac Interceptor River Crossing Geotechnical Investigations. The Potomac Interceptor River Crossing is a crucial infrastructure that crosses the Potomac River twice, one of which is just downstream of the Washington Aqueduct Dam. This crossing is about 3,100 ft that traverses Virginia and Maryland and is subject to the National Environmental Policy Act (NEPA). The concrete pipe in this area has corroded and now has exposed rebar although it is not deteriorating at a fast rate. The project is beginning now to allow time to get through the permitting processes from multiple states and multiple different environmental groups. If the crossing were to fail, there is a high consequence. Geotechnical Investigations will be scheduled for 2024, and Design and Construction are scheduled from 2025 to 2028. The placeholder construction cost is \$40 million. A range of alternatives have been evaluated, including rehabilitating the existing pipe, implementing a temporary bypass, reversing flow, new siphons, new pump stations, and new parallel pipes. A new parallel pipe about 50 ft downstream is currently being considered in the permitting process.

Committee member David Franco asked what would happen to the old parallel pipe and if removal would be necessary. Mr. Elledge stated that as there was only one point of failure at the crossing if a new pipe was sized to accommodate the flow, then rehabilitating the existing pipe could be done at a lower cost since it would be dry. It had not yet been decided, but they could build redundancy and, therefore, flexibility into the system that can be used during maintenance or emergencies.

Mr. Franco requested that the estimate for the new parallel pipe and the redundant pipe rehabilitation be separated. Mr. Elledge stated he would prepare that information.

The original installation of the crossing was through an open trench, which was an idea being evaluated along with a deeper tunnel that could be drilled underneath the river. It

will be difficult to get geotechnical borings due to the challenging terrain, so DC Water has contracted with a company that will provide a helicopter to transport the drill rig to each location marked on the map.

Mr. Gibbs asked how deep the borings would be, as they had mentioned going deeper with the new tunnel. Mr. Elledge stated the borings would be 20 or 60 ft deep depending on what part of the river they were on. If the new pipe is deeper than the existing pipe, there may be a need for a pump station, which has constrained the design.

Mr. Elledge stated the potential risks of the project could include the need for emergency evacuation, maintaining the environment around the project, containerizing drilling fluids, airlifting heavy equipment, and mobilizing the drilling rig with minimal impact on the environment. Mitigations for the project included a daily safety meeting checklist, personal protection equipment (PPE), site assessments, developing an emergency and medical response, and site-specific training.

Mr. Franco asked when the borings would be scheduled. Mr. Elledge stated they would be scheduled for January and February in the hope of completing the work before March. Mr. Franco requested an update on the schedule to see the equipment being flown in.

VI. ACTION ITEMS

JOINT USE

1. Contract No. 200020 – Emergency Sewer Main IR&R Contract for FY21-FY23 CO8 – Spiniello Companies
2. Contract No. 230060 – Sewer Life Restoration Program (SLRP) - 2 –Spiniello Companies
3. Contract No. 10030 – Annual Maintenance, Repair and Calibration of Instrumentation Control and Equipment – C&E Services, Inc. of Washington
4. Contract No. 19-PR-DWT-21B – Supply and Delivery of Methanol –Mitsubishi International Corporation

The Committee recommended moving all action items to the full Board for approval.

VII. ADJOURNMENT

There was no further matters to come before the meeting, the meeting was adjourned at 10:44 am.

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VIII. BPAWTP PERFORMANCE UPDATE

Nick Passorelli, Vice President of Wastewater Operations, DC Water, presented the Blue Plains Advanced Wastewater Treatment Plant (BPAWTP) monthly performance report. The average flow through complete treatment for September was 284 MGD. The Northeast Boundary Tunnel (NEBT) was in full operation for the month of September.

There were a number of rain events with a total of 3.67 inches and a 100% capture of 235 million gallons. Energy use included 23% of the power produced on-site. The Combined Heat and Power (CHP) facility produced an average of 7.1 megawatts (MW), with 5.8 MW net to the Blue Plains grid. The solar panels produced 0.7 MW on average. The total energy consumption at the BPAWTP averaged 28 MW. For Biosolids production, sales of Blue Drop continued to add to the annual total achievement over the FY23 goal. In June, they sold over 1,500 tons, bringing them to about 65,000 tons for FY23. Total production for the plant was just under 12,000 tons of biosolids.

IX. CLEAN RIVERS PROJECT STATUS UPDATE

Moussa Wone, Vice President, DC Clean Rivers, DC Water, presented the quarterly update for the Clean Rivers project. The Anacostia Tunnel System Performance for 2023 was affected by the Northeast Boundary Tunnel (NEBT) commissioning in July and August. Since the NEBT went into service, they were able to retain 137 million gallons. Total capture for the Anacostia Tunnel System since inception in 2018 was 15.5 billion gallons, and over 9,961 tons of trash for a total trash capture rate of 91%.

Mr. Wone stated that with the commissioning of the NEBT, the Combined Sewer Overflows (CSOs) controls for the Anacostia River Tunnel system are now complete. CSO 025 and 026 Separation projects were completed for the Potomac River Tunnel. The Potomac River Tunnel Advanced Utility Construction was 75% complete. The Board approved the Potomac River Tunnel Construction contract on October 5, 2023, and notice to proceed is pending. The Green Infrastructure Project B on the Rock Creek Tunnel was on track to meet the substantial completion date of October 21, 2023. Final completion was projected to be December 29, 2023, ahead of their consent decree date of January 23, 2024.

Mr. Wone reported that ongoing work related to the NEBT contract includes restoration and installation of green infrastructure, along with final restoration. The notice to proceed

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for the Potomac River Tunnel is anticipated to be sent out in November 2023 with the place-in-operation date projected for February 2030. Mr. Wone went on to report that there would be a celebration for Clean Rivers on October 21, 2023.

X. RISK-BASED PRIORITIZATION OF LINEAR ASSETS

Getachew Melsew, Senior Planning Manager for Engineering, DC Water, presented the risk-based prioritization of linear assets.

Mr. Melsew stated that DC Water follows a risk-based Asset Management approach. This is a data driven process in which such data as inspection of linear water and sewer assets, information obtained from field crews and customers are used to calculate risk of failure of linear assets.

Mr. Melsew explained how the risk of assets calculated using software is plotted on a scatter diagram and on GIS to show the size and spatial distribution of high risk and other assets. With this data, Operations and Engineering staff come together to evaluate if the result of the analysis agrees with what they know of the system and consider other information that was not captured in the analysis. These maps and risk-based prioritization results are then compared to equity maps to identify areas in need and adjust prioritization accordingly. Once projects are created and prioritized, an implementation plan is developed with considerations for prioritization with other DC Water and third-party projects and availability of funds within the Capital Improvement Program. Once the implementation plan is approved, capital projects go to the design and construction phase.

Mr. Melsew used a chart to explain how the risk of the water system goes down as DC Water continues to invest in its infrastructure. The more investments are made, the faster the risks are reduced.

Mr. Melsew continued to provide a more detailed explanation about how equity was calculated. Aspects of the equity lens considered included racial demographics, socioeconomic demographics, and household characteristics. This approach allows DC Water to prioritize certain projects that benefit vulnerable communities over other projects. He noted that this approach won't impact the priority of high-risk assets as these assets that are important are given higher priority due to the consequences of their failure. In addition, the distributed nature of linear assets would make their failure impact larger communities and same failure is known to impact the vulnerable communities more than others.

Mr. Melsew stated that consideration of equity in the planning of capital projects is developed based on lessons learned from several utilities and counties in the nation. One

of the most important aspects of equity is the involvement of the communities. Understanding the community needs and giving the opportunity or platform to share their priorities and needs are a critical addition to this initiative. To help achieve that goal, we are developing a dashboard to connect with our customers. The DC Water Equity Dashboard is being created in partnership with several DC Water stakeholders. The Equity Dashboard is intended to become an outward-facing platform in the future so customers can see the impact they are making and interact with the dashboard by sharing additional information.

Mr. Melsew concluded his presentation by stating the risk-based asset prioritization process considering equity will continue to evolve through improved data management and dash boards, community engagement, and use of technologies and analysis tools.

XI. STYRENE COST IMPACTS TO CIP

William Elledge, Director of Engineering & Technical Services, DC Water, presented the cost impacts to the Capital Improvement Program due to Cured In-Place Piping (CIPP) changes. The Soapstone Sewer Rehabilitation Project is in Northwest D.C. and includes over a mile of sewer rehabilitation. This stream valley was significantly eroded, and much of the sewer was exposed. The project included stream restoration to protect the sewer assets from erosion and CIPP to rehabilitate the sewer pipe defects. The curing process and resin for the CIPP lining changed after construction began to minimize the air emissions and had been requested by the public and the air quality permitting group with the District Department of Energy and the Environment (DOEE). Air quality sampling is also being done in partnership with a research project by the Water Research Foundation (WRF) to monitor Volatile Organic Carbon (VOC) emissions.

Committee member Howard Gibbs asked about the cost impacts. Mr. Elledge stated the cost impacts, including the change in curing method, resin type, and additional air quality monitoring, have been about a 30% cost increase. On current bid packages, the schedule of prices is configured in such a way to monitor the specific impacts. The next project is showing an increase of 35% due to the changes in resin type, curing method, and air monitoring.

Mr. Gibbs asked why air monitoring and testing was necessary with the new curing and resin types since the risk of emissions should be eliminated. Mr. Elledge stated that the testing is necessary for regulatory compliance per DOEE. To date, all air monitoring is in compliance with the permit requirements and DOEE regulations.

Mr. Elledge showed pictures of the monitoring equipment being used on Soapstone. DC Water will continue to use the equipment to demonstrate to DOEE that the curing process and resin are safe or until it is determined that DC Water needs to make a policy change. Financially, the impact of water curing is between 30% to 35%. If this trend continues and

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is applied to the 10-year CIP, this could add up to between \$200 million and \$300 million on future projects. The second study being done with WRF will provide data necessary to assess this potential cost risk. The study is being partially paid for by WRF through a cost-sharing program. In the meantime, DC Water will no longer allow CIPP using the previous curing or resin types, which will create cost impacts in current projects and delays that DC Water will monitor closely.

Committee Chair Sarah Motsch asked if there was a difference in the time it takes to use the different curing processes or if the delays were due to material changes. Mr. Elledge stated the industry prefers the standard model of steam cure with styrene resins used by DC Water because it is the fastest, least expensive, and better for safety on steep slopes. When using a styrene-free resin, the resin is stiffer, which creates operational slowdowns, thus decreasing production.

Mr. Gibbs stated that DC Water was using CIPP as an alternative to replacing pipes, and he asked if the new process was still cheaper than relaying new pipes. Mr. Elledge stated that it was still much cheaper and still much faster compared to the traditional open cut replacement.

David Parker, Vice President of Engineering, DC Water, commented on the impact of the two previous presentations on DC Water's CIP planning. Regarding linear asset replacement rates, the goal is to reach the "sweet-spot" in average age of assets such that the average age of the installed piping is approximately equal the remaining useful life. Previous CIP plans highlighted how the Authority had implemented the prioritization approach in ramping up their replacement rates. At the currently planned replacement rate, it will take decades to reduce the average age of the infrastructure to the noted sweet-spot, and a higher rate of replacement would be ideal. There is a desire to get the average age down faster which will increase the required capital investment, and now there are also cost pressures from the curing process and resin type that will have to be considered.

XII. ACTION ITEMS

JOINT USE

1. Contract No. 10068 – Supply and Delivery of Calcium Hydroxide – W.K. Merriman, Inc.
2. Agreement No. DCFA #535 – Non-Process Facility Design Services Basic Ordering Agreement – Alphatec PC

The Committee recommended moving all action items to the full Board for approval.

XIII. ADJOURNMENT

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The meeting was adjourned at 11:13 AM.

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CEO's Report

DECEMBER
2023



WE SALUTE OUR VETERANS

**THANK YOU
FOR YOUR SERVICE**

ACCOUNTABILITY TRUST TEAMWORK CUSTOMER FOCUS SAFETY WELL-BEING

Inside

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Coat, Toy and Book Drive

Bread for the Soul is a tax-free, all volunteer, organization that provides toys, food and money at Christmas to families living with HIV/Aids.

In lieu of or in addition to donated books and toys, employees may also support the drive by giving gift cards (Giant, Safeway, etc.). Please make checks out to Bread for the Soul. Cash donations also accepted. Bins will be located at COF, CMF, Ames Place, HQO, Bryant Street and Fleet. Last day to donate is **Wednesday, December 14, 2023**.

Volunteers are also needed to deliver toys and food to HIV/Aids families in Washington, DC on **Saturday, December 16, 2023**.

For more info, please contact:

- Lisa Barton x2613
- Michelle Flowers x2160
- Jamal Jones..... x2397
- Nakeysha Minor..... x3611
- Anthony Nelson x2201
- Sercolia Newsome x3827
- Odalisa Oglesby..... x2021
- Dustin Rawls..... x2126
- Jessica Simmons x4007
- Lauvern Williams x3804



dc Highlights

Chairman Wells, and members of the Board, it is my pleasure to present you with the CEO's Monthly Report for December 2023. This report captures the highlights of the team's efforts over the past month, across the five cascading imperatives of the Blueprint 2.0 strategic plan: **Equitable, Sustainable, Resilient, Reliable, and Healthy, Safe and Well**. There are also individual reports from Finance and Procurement; Shared Services; Customer Experience; Information Technology; and Operations and Engineering, as well as the monthly update from Internal Audit.



Indonesian Delegation Visits DC Water

On October 25, the Authority hosted a delegation from the Indonesian government. At the request of the U.S. State Department, and law firm Ballard Spahr, DC Water presented information on the Authority's bond financing and related projects.

The exchange was tremendously helpful for the delegation, as they heard first-hand from **Ivan Boykin** (Vice President, Finance / Finance and Procurement), **Dr. Moussa Wone** (Vice President / Clean Rivers Project), **Seth Charde** (Senior Manager, Green Infrastructure / Clean Rivers Project) on the Environmental Impact Bonds and related financing, and an overview of the Clean Rivers Project from a design, cost, and benefits perspective. **Maureen Holman** (Vice President / Shared Services) led the delegation on a tour of HQO, describing the world-class environmental efficiencies utilized in the building, and taking them to the Rooftop Terrace for views of the Anacostia River.

I would like to thank the team for hosting the delegation and executing such an impressive visit on short notice.

Saluting our Veterans

As I do every year, I sent a message to our entire workforce to thank our veterans for their service and sacrifice in defense of freedom – here and around the globe. This year, I asked our employee advisory group on equity matters, the One Water Council, to help me collect photos of our veterans in uniform, along with information on their military branch, and years of service to the country.

In my communication to staff, I reminded them that the traits our veterans mastered through their service – trust, accountability, and teamwork – perfectly align with the Authority's values. Our veterans' model those traits consistently and truly set a lofty standard for the rest of us.

Throughout November, slides featuring our military veterans were in rotation on plasma screens and screen savers across all DC Water work sites. Sharing a photo of our veterans in uniform adds a personal touch and a way to recognize, and thank, our veterans when we see them on campus.

I would like to thank our One Water Council members, and staff from People and Talent and the Office of Communications for supporting our celebration.

Coat, Toy, and Book Drive Supporting Bread for the Soul

In late November, DC Water launched the 2023 Coat, Toy, and Book Drive in support of **Bread for the Soul**, a tax-free, all-volunteer organization that provides coats, toys, books, and gift cards to local families impacted by HIV/AIDS.

This donation drive marks the 24th consecutive year that the Authority has supported Bread for the Soul. **Lisa Barton** (Senior Executive Coordinator to the CEO / Office of the CEO), who has led the last 11 donation drives, will once again lead the drive.

The last day to contribute a donation is on Wednesday, December 13, 2023. I would like to thank Ms. Barton for coordinating our participation in this important effort.



dc Highlights

Sustainable

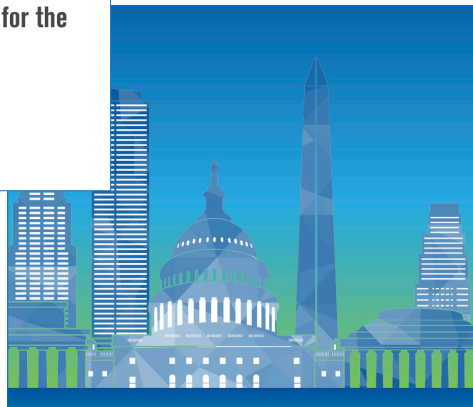
HQO Tour Featured in 2023 Decarbonization Conference for the Built Environment

As part of the 2023 Decarbonization Conference for the Built Environment, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) arranged for conference attendees to tour HQO.

Roughly a dozen engineers, architects, and sustainability professionals attended the tour, and were treated to a briefing from Maureen Holman, and Smithgroup Vice President and Design Director Sven Shockey. I am pleased that the team was able to share information on some of the challenges of the project, such as building over an operational pumping station, how we achieved a LEED Platinum rating, and how those elements impact our environmental footprint.

2023 Decarbonization Conference for the Built Environment

October 25-27, 2023
Renaissance Arlington Capital View
Washington D.C. Metro Area



Resilient

DC Water Honored for Excellence in Financial Reporting

I am delighted to share the great news that the Authority has once again been honored by the Government Finance Officers Association, with a Certificate of Achievement for Excellence in Financial Reporting for our annual comprehensive financial report, for the fiscal year ended September 30, 2022.

The Certificate of Achievement is widely regarded as the highest form of acknowledgement in governmental accounting and financial reporting, and achieving it is a testament to the dedicated efforts of the entire DC Water Finance team. I would like to extend congratulations to **Matthew Brown** (Chief Financial Officer and EVP / Finance and Procurement), **Genes Malasy** (Controller / Finance and Procurement) and **Andrew Birbalsingh** (Senior Program Manager, Financial Reporting / Finance and Procurement) for their oversight, coordination, and exceptional contributions to the effort.

While we have become accustomed to the honor of receiving this award, it is important to acknowledge that maintaining such a winning streak requires significant efforts and commitment. I want to express my gratitude to each member of the team for their hard work, professionalism, and unwavering dedication to excellence.


Resilient continued

Leadership Retreat Creates Alignment, Greater Unity

From November 1-3, 2023, roughly two hundred leaders, representing the ranks of our Foremen through our Senior Executive Team attended the two-day Leadership Retreat. The Retreat represents a rare opportunity for our leaders to interact and collaborate on issues facing our industry, and the Authority. We had candid discussions on our organizational culture, and the role that our leaders play in setting the tone and leading by example.

The team reviewed the results from the organizational culture survey taken in May 2023, and took a deep dive into the progress we have made, and the collective work that remains ahead of us. I am proud of the extraordinary level of engagement and focus our leaders demonstrated throughout the event.

We also introduced **Joy Dorsey** (Chief People Officer and EVP / People and Talent) to the broader leadership team and, along with **Keith Lindsey** (Chief of Staff / Office of the CEO), she unveiled the broad outlines of a new Enterprise Human Capital Strategy, expected to be finalized in the late spring/early summer. The Strategy will heavily emphasize individual and team accountability which, as you know, is one of the Authority's core values. I strongly believe that our leaders left the Retreat more aligned, unified, and accountable for modeling the culture and values we aspire to.

I would like to thank Joy, Keith and **Toymeika Dingle** (Senior Program Manager, Business Analysis / Office of the CEO) for their diligent work in planning and organizing another energizing and inspiring Retreat for our leaders.



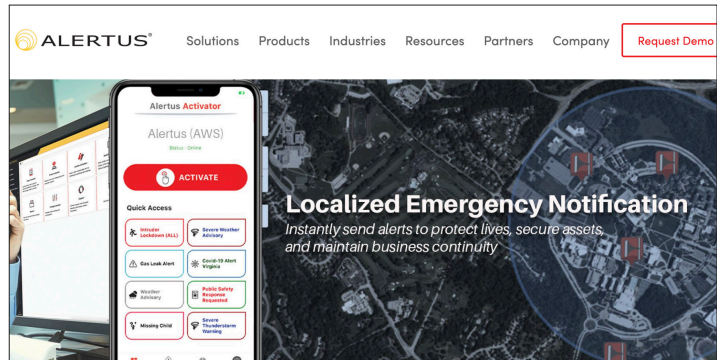
dc Highlights



IT Completes Installation of Emergency Alert System at Blue Plains and Bryant Street

In partnership with the Office of Emergency Management, and the Department of Security, the Information Technology (IT) Department recently completed the installation of an emergency alert system (AlertUS) at Blue Plains and the Bryant Street campus.

While the Authority already utilizes email, text, desktop screen alerts and voicemail messages, the IT Telecom and Network team has added the new upgrades to allow us to broadcast audible messages outdoors over high-powered speakers. Additionally, the alerts can now be created through text-to-speech during emergencies, to give clear instructions to those not near a phone or computer.



I would like to thank **Joe Edwards** (Acting Vice President / Information Technology) for leading a successful deployment and continuing to enhance support for emergency communications.

Healthy, Safe and Well

Lead Free DC Highlighted in EPA #GetTheLeadOut Campaign

On Tuesday, November 7, the U.S. Environmental Protection Agency (EPA) launched a nationwide Get the Lead Out (GLO) initiative to encourage communities to remove lead sources from their drinking water. Through the GLO Initiative, the EPA is partnering with 200 communities nationwide to help them identify lead service lines, develop replacement plans, and apply for funding to get the lead out.

At the kickoff event, Petworth family, and DC Water customers, Kim Lockett, and David Dzidzienyo, spoke about the positive experiences they have had with the Lead Free DC (LFDC) program.

To paraphrase and summarize, the couple told reporters that although they went into the process with low expectations, they were pleasantly surprised by the excellent service they received from LFDC representatives.

An avid gardener, Ms. Lockett explained that despite her initial concerns that contractors would trample her plants, her garden actually looked better after work was complete. Additionally, while on site, the crew found mold when completing connections inside the house, and the contractor got drywall to replace much more than they needed to replace the mold-compromised section.

Lowndes Elected Chair of Water and Wastewater Sector Coordinating Council

On November 8, 2023, the Water and Wastewater Sector Coordinating Council (WSCC) voted **Dusti Lowndes** (Director, Emergency Management), as the new Chair for the upcoming two-year term. Ms. Lowndes previously served as Vice Chair and has been a representative on the Council since 2018.

As Chair, Ms. Lowndes will represent and lead the Water and Wastewater Systems Sector, which is comprised of 21 water associations and utility members, on policy, strategy, and coordination measures to reduce and eliminate significant critical infrastructure security and resilience vulnerabilities to the Sector.

As WSCC Chair, Ms. Lowndes will work closely with the Sector Risk Management Agency, the U.S. Environmental Protection Agency, and the Department of Homeland Security on initiatives and strive to support efforts to secure and provide resilient measures for the Water and Wastewater Systems Sector.



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.

The data in the CEO's Monthly Report reflects the most recent information available at the time of production and printing.



Finance, Procurement, and Compliance

Financial Metrics

Metric	Target	July-23	Aug-23	Sept-23	Oct-23
Operating Cash Balance (millions \$)	\$282.6	\$298.0	\$300.8	\$287.7	\$308.0
Delinquent Account Receivables (%)†	3.3%	4.20%	3.95%	3.99%	3.97%
On-time Vendor Payments (%)††	97%	96%	97%	97%	97%
Investment Earnings Data (Thousands \$)	\$10,041.9	\$5,072.0	\$5,703.6	\$6,243.9	\$0.9
Core Investment Yield Data (%) - Merrill Lynch 1-3 Year Treasury Index *		5.0%	4.9%	5.1%	5.1%
Core Investment Yield Data (%) - Actual Monthly Yield †††	4.39%	3.9%	4.1%	4.3%	4.4%
Short Term Investment Yield Data (%) - Merrill Lynch 3-Month Treasury Index *		5.3%	5.4%	5.3%	5.4%
Short Term Investment Yield Data (%) - Actual Monthly Yield †††	5.03%	3.0%	3.0%	3.1%	3.0%
Days of Cash on Hand** and ***	250**	320	295	319.0	340***

* 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.

*** 340 days of cash is made up of 35 days in the Rate Stabilization Fund and 305 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.

†† The vendor payments goal may fluctuate slightly as we continue to research and resolve payments.

††† 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

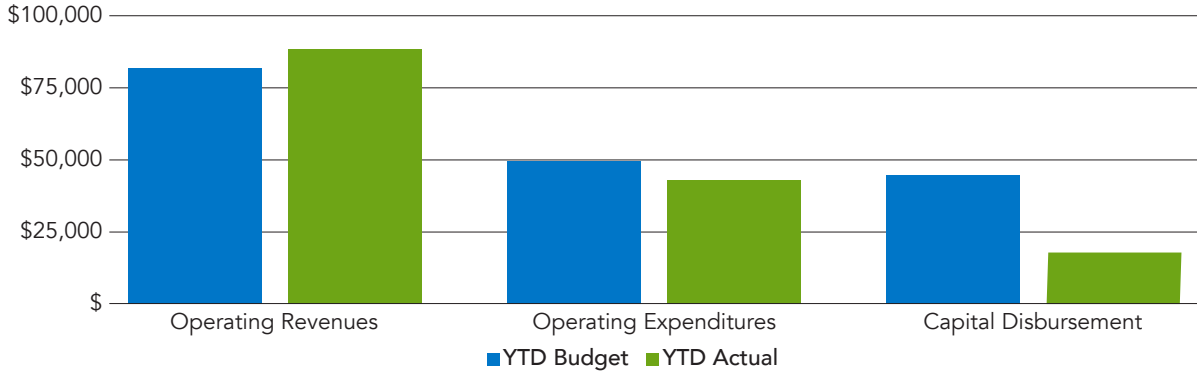
FY 2024 Financial Performance

At this early stage in the fiscal year, DC Water is on track with its budget. As of the end of October 2023, with eight percent of the fiscal year completed, total operating revenues are \$87.4 million or 9.9 percent of the budget. Total operating expenditures are \$44.0 million, or 6.0 percent and capital disbursements are \$21.3 million or 3.5 percent of the respective budgets.

Total operating revenues were 9.9 percent or \$7.3 million above the budget with higher receipts mainly from the Residential, Commercial and Multi-Family customers due to slightly higher consumption than anticipated in the budget.

dc Finance, Procurement, and Compliance

FY 2024 Year to Date Performance Budget vs. Actuals (\$000's)



FY 2025 Budget Process

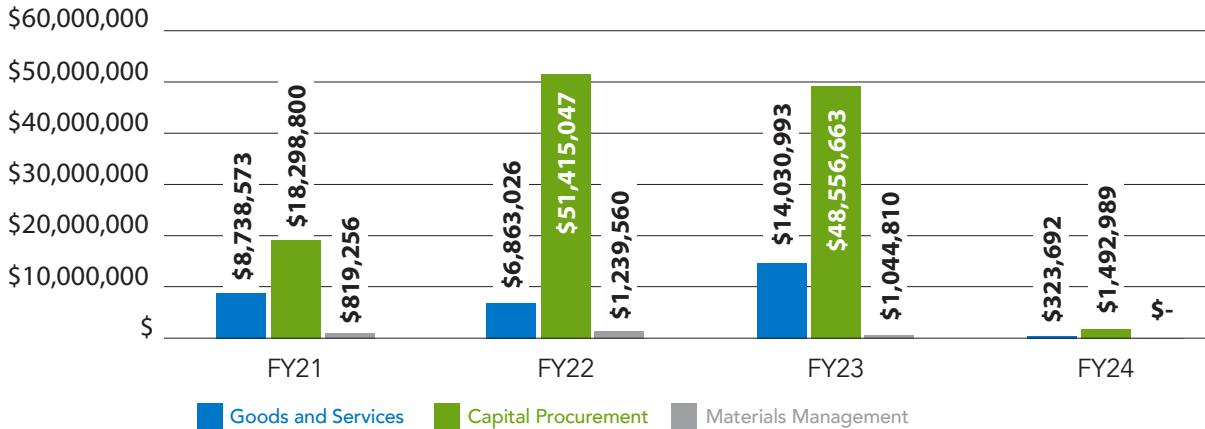
The Finance department continues to work with the various departments and Senior Executive Team to review and prioritize the competing business needs for the upcoming budget cycle. Management will deliver the annual operating, two-year rates, ten-year capital program and ten-year financial plan proposals to the Board in January 2024

Procurement

Cost Savings (negotiated savings and cost avoidance):

The chart shows the cost savings from FY 2021 to FY 2024 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. Procurement achieved savings of \$63,632,466 in FY 2023.

Cost Savings





Finance, Procurement, and Compliance

Procurement continued

Upcoming Business Opportunities: All current and planned solicitations are available at dcwater.com/procurement. Future solicitation forecast in the next three months is shown below:

Capital Procurement

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Delivery Type	Eligible Inclusion Program
Nov, 2023	Headworks Influent Structures	RFP	\$12M	Bid Build	DBE/WBE
Nov, 2023	Local Inspection Services	RFP	\$12M	Professional Service	DBE/WBE
Dec, 2023	Service Life Restoration Program (SLRP) - 4	IFB	\$15M	Bid Build	DBE/WBE
Dec, 2023	Soldiers' Home Transmission Main	IFB	\$5M	Bid Build	DBE/WBE
Dec, 2023	Sanitary Sewer Rehabilitation 10	IFB	\$10M - \$15M	Bid Build	DBE/WBE
Dec, 2023	Construction of Flood Seawall Segment A, B, D	IFB	\$25M	Design Build	DBE/WBE
Dec, 2023	Normanstone Sewer Rehab	IFB	\$5M	Bid Build	DBE/WBE
Jan, 2024	Large Diameter Water Main Project	IFB	\$6M	Bid Build	DBE/WBE
Jan, 2024	Rehabilitation of Dewatered Sludge Loading Facility	RFP	\$3M	Design	DBE/WBE
Jan, 2024	COF/IT Electrical System Upgrade	IFB	\$10M	Bid Build	DBE/WBE

Goods and Services Procurement:

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Eligible Inclusion Program
Nov, 2023	Gas Monitoring Services	RFI	>1M	LSBE
Nov, 2023	Potomac Interceptor Media Replacement	RFP	<\$1 M	LSBE
Dec, 2023	Banking & P-card Services	RFP	<\$1M	N/A
Dec, 2023	Staff Model Health Maintenance Organization	RFP	>\$5M	N/A
Dec, 2023	Investment Advisory Services	RFP	<\$1M	LSBE
Jan, 2024	Ferric Chloride	RFP	>\$10M	DBE/WBE
Jan, 2024	Annual Maintenance, Repair and Calibration of Instrumentation Control and Electrical Equipment	RFP	>\$1M	LSBE

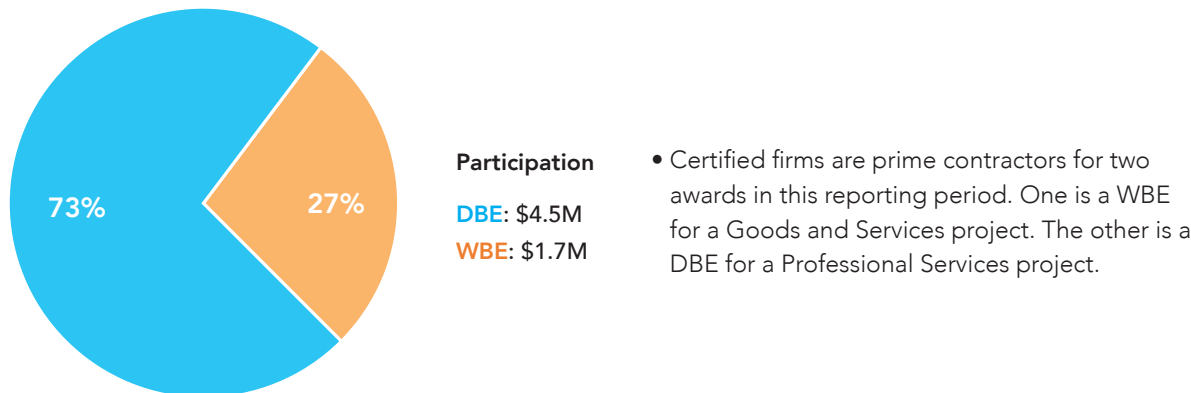
dc Finance, Procurement, and Compliance

Contract Compliance

During this reporting period, DC Water’s Board approved two different procurement actions, including one new award, and one option year. The value of the procurement actions for this period totaled \$6.2 million. Of this total, the planned certified firm participation is \$6.2 million (in prime and subcontracting opportunities).

The following graph summarizes the certified firm participation:

Certified Firm Participation November 2023 Awards



As of this report, in FY 24, DC Water Contractors filled 1 new position. This was a laborer’s position and was filled by a Prince George’s County resident.

Apprenticeship Program Cohort 2 Update

Pumping Operations has selected another candidate, who is a District of Columbia resident. Once onboarding is completed, there will be 11 apprentices in cohort 2.

Outreach and Engagement

DC Water participated in the following events:

- Completed submission for the District’s annual Greenbook (assists Small Business Enterprises in navigating the local government procurement process by providing an overview of agency SBE spending availability)
- Served as a “Matchmaker” at the District Connect Outreach Event (hosted by the District Department of Small and Local Business Development)
- Participated in a podcast interview with the Howard University Small Business Development Center. The interview focused on how certified firms can leverage their status and expertise to overcome obstacles in government (and related) contracting opportunities.
- Completed the Contract Compliance and Business Development annual “Listening Session and Engagement” series. This year, DC Water held five sessions and met with certified and non-certified firms.
- Served as a panelist with the Department of Employment Services to discuss Apprenticeship Best Practices.

Fleet, Facilities, Safety, Security and Emergency Management

Shared Services Highlight

Shared Services ensures continuity of operations and promotes a safe, secure and healthy working environment by providing a foundation of resources and support to DC Water employees and customers through the management of facility, security, safety, emergency management, and fleet services.



Shared Services leadership at a leadership masterclass. Pictured L-R are **Anthony Lancaster**, Fleet; **Ken Beatty**, DOSH, **Greg Vernon**, OEM; the team assists **Dustin Rawls**, Shared Services; **Ashley Wynes**, DOSH, **Forrest Ricketts**, Facilities, **Dusti Lowndes**, OEM

Fiscal Year 2023 was a very productive year - Snapshot of highlights

Brentwood Reservoir Solar Project Nears Completion

Over the last five years, **Maureen Holman** worked diligently to secure a new source of guaranteed non-ratepayer revenue for the Authority. The 20-year License Agreement provides a unique source of revenue through lease payments and SREC sales. The Agreement further promotes a sustainable future for District residents by leveraging the community Solar For All Program, which will provide over 500 households with subsidized energy bills to foster equity for DC residents. Aligning with District and regional goals to combat climate change and reduce the carbon footprint, this project includes an Urban Tree Canopy component with Casey Trees and the National Cherry Blossom Festival. Over 100 trees will create resiliency by improving ecosystem services and local air quality while reducing heat island impacts in a very congested portion of the District.

Permanent Leadership and Direction at Fleet

During **Nija Ali's** tenure as Acting Fleet Director, she successfully coordinated the decommissioning of 125 O Street, oversaw the interim operations, and efficiently moved the team to Walker Mill. Since receiving the permanent position she has implemented a new performance-based maintenance contract while developing robust metrics and penalties. Utilizing her expertise in maturity modeling and service delivery, she is leading the team in developing standard operating procedures and revising policies to fit her new Fleet Forward approach. The Fleet team efficiently utilized budget to secure 75 new light duty units, previously not planned for purchase, in the summer's 'Season of Giving'.

Facilities Management Department Continues to Mature

As a main life support for many DC Water functions, **Brent Christ** leads the Facilities' team in fulfilling the Blueprint 2.0 each day. Recruiting success by filling key Foreman positions and other staff will help the Facilities team deliver even better results in 2024. Key performance indicators (preventative maintenance and service requests completions) ended FY23 on a high note due to Facilities management team delving into the data and modifying operations to ultimately improve performance.

New Direction in DOSH with Safety Differently Approach

Turning the focus from compliance to care, the Department of Occupational Safety and Health continued to increase engagement across DC Water with hundreds of trainings and coordinating activities to keep Team Blue safe. Recruiting challenges are common but there was success in fulfilling critical positions necessary to implement the Safety Differently approach – including new Program Managers in critical Fire/Life Safety and Hazardous Waste programs. A new approach means new metrics and the expansion of the Safety Risk System (Origami), which will include an environmental health system module to track numerous activities and audits.

- continued

Fleet, Facilities, Safety, Security and Emergency Management

Snapshot of highlights continued

Security Department Expands Training and Investigations Capacity

Ivelisse Cassas (Director, Security / Shared Services) was this year's winner of the We Are DC Water Star of the Year Award - presented to a DC Water employee who has demonstrated a commitment to Inclusion, Equity, and Diversity and celebrates differences in others by embracing diverse ideas. Ivelisse exemplifies the DC Water values and instills them in her team everyday and through her work as Co-Chair of Women of Water. She achieves high performance through budgetary efficiency, and after reviewing operations decided to bring back the position of Security Investigator in FY23 as the need increased. Personnel movements also included two recruitments from within the Authority that provided career development and internal growth for Team Blue.

World-Class Office of Emergency Management

Led by **Dusti Lowndes**, the EMAP Accredited Office of Emergency Management stays at the top of the industry by collaborating with local, state, regional, and federal partners on emergency preparedness and hazard mitigation efforts. The team had an excellent audit review of the Continuity of Operations Plan; provided all documentation needed and internal audit was able to focus on new challenges with telework. To assist operations throughout the Authority, OEM manages seven federal FEMA grants (three pending award) that benefits ratepayers and improve resiliency and sustainability. The team's numerous endeavors were highlighted at national conferences, including expanded training capacity and plan reviews. Most notably the creation of Incident Response Playbooks (first one is for Cyber Incidents which was developed with IT and Operations).

Shared Services Metrics

Metric	Target	July-23	Aug-23	Sept-23	Oct-23
Security: Camera operational uptime	90%	96%	96%	95%	96%
Security: Smart card readers operational uptime	90%	97%	96%	95%	97%
Security: Percent of security investigations completed within 21 days	95%	100%	100%	100%	100%
Facilities: Preventive Maintenance Completion Rate	90%	76%	48%	82%	90%
Facilities: Service Request Completion Rate	90%	58%	67%	61%	61%
Fleet: Preventive Maintenance (PM) on Schedule	96%	95%	69%	74%	94%
Fleet: Priority Vehicles/Equipment (In-Service)	96%	72%	68%	72%	79%
Safety: DC Water Employee Recordable Incident Rate (RIR) (FY)	< 4.9	2.8	2.7	3	0
Safety: DC Water Employee Lost Time Incident (LTI) (FY)	< 1.7	1.7	2	2.2	0
Safety: Contractor/ROCIP Recordable Incident Rate (RIR) (FY)	< 2.5	1.7	1.5	1.5	0
Safety: Contractor/ROCIP Lost Time Incident (LTI) (FY)	< 1.1	0.2	0.2	0.2	0

Facilities: Facilities started off FY24 well with completion rates for October 2023: 90% for Preventive Maintenance (PM) work orders and 61% for Service Request (SR) work orders. PM completion rate goal of 90% has been met. SR work order completion number of 125 was on par with the FY23 overall average (FY23 average 124 SR completions). Facilities is working with People & Talent to fill the seven remaining vacant positions in the Facilities inventory. Two of these are office/administrative positions and five are shop worker positions.

Fleet: Although Fleet anticipated challenges with departments bringing units for service to Capital Heights, MD, there has been a great spirit of collaboration resulting in a successful rate of 94% of units scheduled for service brought into the shop within five days of the scheduled time. The Fleet contractor Transdev has onboarded 28 technicians who are ramping up to increase the number of units returned to the operation within the suggested service time. Fleet is leveraging Saturdays for service and instituted mandatory ride-alongs with end users and technicians to confirm satisfactory service which will result in fewer returns for re-work in a short time.

Safety: Data resets at the beginning of each fiscal year. No recordable or lost-time illnesses or injuries were reported for the month of October.



Customer Assistance Programs (CAP)

As the team begins the new fiscal year, we are still working toward aligning every eligible customer with every eligible dollar of assistance. Due to low participation and high administrative effort, we have discontinued the Multifamily Assistance Program (MAP) and moved the remaining funds to the Residential Assistance Program (RAP). We have also found savings in the administrative costs related to Customer Assistance Programs (CAP), RAP, and MAP and are transferring some of the funding to RAP. These transfers will allow us to continue support until the RAP funds are exhausted. Currently, DC Water offers a robust suite of assistance programs, and we are always looking for ways to support our customers who are most financially vulnerable. This year, the team is strategically targeting previous assistance recipients to remind them to apply as early as possible so they can maximize the benefit.

Program	FY2023 Enrolled	FY2023 Dollars	Oct. Enrolled	Oct. Dollars	# FY24 Enrolled	FY2024 Dollars	FY2024 Budget
CAP I	4,744	\$2,399,001	528	\$120,394	528	\$120,394	\$2,600,000
CAP II	351	\$139,714	58	\$6,667	58	\$6,667	\$300,000
CAP III	36	\$6,342	-	\$-	-	\$-	\$50,000
Non-Profit CRIAC Relief	182	\$875,585	19	\$9,520	19	\$9,520	\$913,000
DC Water Cares Residential (RAP)	2,816	\$2,930,302	84	\$73,858	84	\$73,858	\$1,106,683
Low-Income Housing Water Assistance Program	-	\$0	111	\$120,838	111	\$120,838	N/A
Homeowners Assistance Fund	293	\$256,835	-	\$-	-	\$-	N/A



Customer Experience

Customer Care

As we begin the new fiscal year, the team is working to set the stage for a successful year. We missed the Estimated bills as a percentage read by 0.8 percent due to an increase in manual reads due to a reduction in AMI transmission, reduced manpower due to employee separation, and a learning curve period as we train Field Technicians and new contractors to support in this area of the work.

The team is looking at a possible outsourcing option for meter reading. In contrast, the collective team that includes Customer Care and IT is working to identify a solution to increase AMI transmission.

Key Performance Indicators

Metric	Target/ Service Level	Oct 23
% of bills issued on time (w/in 5 days)	97%	97.5%
% unbilled	2%	1.7%
Estimated bills as a percent of meters read	4%	4.8%
# of bill investigations (Disputes)	trend only	783
% of OPC inquiries resolved within 14 days	98%	100%
% of calls answered in 40 Seconds (Call Center)	85%	93%
Monthly call volume served (Call Center)	trend only	10,574
Average Wait Time (minutes)	<0:30	0:19
Abandon rate	3%	1%
Emergency dispatch <= 10 Min (ECC)	92%	100%

Highlights

The IT department is preparing to migrate users to Windows 11. With this migration, our users will have access to the latest in technology, including AI tools and features to help with their day-to-day job duties.

Other benefits of Windows 11 include better performance, including faster load times and smoother operation. In terms of cybersecurity, Windows 11 includes layers of protection enabled by default. Windows 11 also offers compatibility with Android applications – a helpful feature for those using Android devices. Deployment is anticipated for the second quarter of FY 2024.

IT Monthly Report

SR/WO Type	SL Target / SLA	Sept 23
Number of tickets submitted	Trend only	1141
Number of open tickets	Trend only	67
Helpdesk SLA	96%	98.9
Number of active projects	Trend only	18
Number of completed projects	Trend only	11
On schedule performance	90%	93.62
On budget performance	90%	97.92
% AML transmission	95%	91.99


Operations and Engineering

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

Key Performance Indicators

Metric	Target/Service Level	July-23	Aug-23	Sept-23	Oct-23
Wastewater Operations					
NPDES Permit Compliance , percent number of days	100%	100%	100%	100%	100%
Air Permit Compliance, percent number of days	100%	100%	100%	100%	100%
Biosolids Class A Exceptional Quality (EQ) Compliance, percent number of days	100%	100%	100%	100%	100%
Tunnel Dewatering Compliance, percent of events tunnel dewatered within 59 hours of end of rainfall	100%	100%	100%	100%	100%
Renewable Electrical Energy Generated On Site, percent of total use at Blue Plains AWTP	>20%	26%	23%	23%	26%
Reactive Maintenance , percent of total maintenance hours	<20%	32%	32%	32%	27%
Critical Asset Availability , percent of total critical assets at the Blue Plains AWTP	>95%	97%	97%	97%	97%
Sewer Operations					
Combined Sewer System (CSS) structures (all outfalls, regulators, tide gates) inspections	100%	100%	100%	100%	100%
* Municipal Separate Stormwater System (MS4) requirement to clean all catch basins in the MS4 Permit Area at least once annually (Jul 01- Jun 30)	14,700	22	142	168	169
* Inspection of catch basins in the CSO Anacostia tributary area at least twice per year (Jan 1- Dec 31)	11,400	1356	1438	2381	7282
* NPDES Permit to Clean and Inspect 85% of 10,700 CSS Area C/B (Jan 1- Dec 31)	9,095	973	1994	2651	4648
Miles per month Sewer Cleaning and Inspection to meet 1,400 Miles of Small Diameter (<12 inches) in 10Yr Cycle	>12	10.63	15.84	10.33	22.8
Sewer Backup (Investigation to Resolution) Within 24 Hours Excluding Line Breaks	>95%	100%	100%	100%	100%
Number of SSO's	Report	4	3	3	2
SSO's to Body of Water	Report	1	1	1	1
SSO's per 100 miles of pipe (YTD) (AWWA 2021 Utility Benchmarking Report)	2	2.83	3.04	3.27	.015
SSO's per 100 miles of pipe (Water Body) (YTD)	Information Only	.31	.38	.46	.076
Combined Sewer System Overflows	0	1	0	1	0

Key Performance Indicators continued –


Operations and Engineering

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

Key Performance Indicators continued

Metric	Target/Service Level	July-23	Aug-23	Sept-23	Oct-23
Pumping Operations					
Firm Pumping Capacity Maintained	100%	100%	100%	100%	100%
Reactive Maintenance	<20%	15%	19%	15%	14%
Critical Asset Availability	>95%	98%	98%	98%	98%
Water Operations					
Safe Drinking Water Compliance	100%	100%	100%	100%	100%
Total Fire Hydrants Replaced	>21/Month	18	28	15	20
Hydrant Flow Tests (Non-Winter Months)	>180	63	84	68	118
Fire Hydrant Operational Rate	99%	99.78	99.83%	99.8%	99.86%
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%	92%	84%	84.4%	81.25%
Water Main Breaks	<28/Month	27	25	11	26
Water Main Break Rate /100 Miles (National Average is 25)	25	27.50	27.2	25.52	26.71
% of Hydrant Leaks in inventory that are not leaking	>90%	99%	99%	99%	99%
Permit Operations					
Overall On-time completion of Permit Reviews	90%	91%	94%	93%	91%

* Month-to-Month Cumulative Total for Catch Basin Inspection and Cleaning



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

Explanation of Missed Targets

Wastewater Operations Reactive Maintenance (<20 percent)

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 the last four fiscal years for assets at the Blue Plains Advanced Wastewater Treatment Plant. The goal is to remain on the reduction path towards a benchmark that is applicable for Blue Plains.

Hydrant Flow Test >180

The department is in the process of conducting interviews to bring in the necessary personnel. The Department is short two engineers and a field crew. They expect to have the department staffed by the end of this calendar year and meet the KPI starting January 2024.

Water Quality Complaint Resolution (Within 48 Hours)

We received 64 water quality complaints in October 2023 and resolved 52 by phone, email, water testing/investigations and/or flushing hydrants once after the initial complaint. Field technicians return to the sites requiring flushing 7-14 days after the flush and test the water quality from the hydrant. The unresolved 12 complaints from October did not meet water quality target levels at the follow-up testing, thus requiring additional flushing and assessment. July through October are the most challenging months for water quality due to higher water temperature and the subsequent increased nitrification that depletes chlorine residual, causing increased iron release from the unlined cast iron mains.



Internal audit plan FY2023 timeline

This timeline represents the FY 2023 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. All FY23 projects have been completed and issued as of October 2023.

	Oct - 22	Nov - 22	Dec - 22	Jan - 23	Feb - 23	Mar - 23	Apr - 23	May - 23	Jun - 23	Jul - 23	Aug - 23	Sep - 23	Oct - 23	Status
▶ Contract Compliance Audit	[Progress Bar]													Report Complete
▶ Procurement Audit	[Progress Bar]													Report Complete
▶ Payroll & Timekeeping Audit			[Progress Bar]											Report Complete
▶ Metering, Billing and Collections Audit			[Progress Bar]											Report Complete
▶ Penetration Testing Audit – External Network			[Progress Bar]											Report Complete
▶ Oracle IT General Controls Assessment						[Progress Bar]								Report Complete
▶ Oracle Identity & Access Mgmt Assessment						[Progress Bar]								Report Complete
▶ Work Order Management Audit – DWO						[Progress Bar]								Report Complete
▶ Business Continuity Assessment								[Progress Bar]						Report Complete
▶ Fleet Management Audit										[Progress Bar]				Report Complete
▶ FY 2024 Risk Assessment											[Progress Bar]			Report Complete
▶ Ongoing Follow-up Procedures	[Progress Bar]													Ongoing
▶ Ongoing Hotline Monitoring	[Progress Bar]													Ongoing

Audit FY	Issue Date	Audit Report	High Risk Open Finding	Original Target Date	New Target Date	# Extensions	
1	2023	7/27/2023	DWO Work Order Management Audit	Failure to capture work order labor and materials data	8/31/24	N/A	0
<i>In Q4 FY23 DWO is evaluating work activities that require material data capturing, developing business processes for labor hour data capture, and developing business processes for material data capture. After establishing the business processes, DWO will begin monitoring data integrity biweekly to monitor effectiveness of new process adoption. Specific milestone dates have been provided to Internal Audit.</i>							
2	2023	10/26/2023	Fleet Management Audit	Lack of current policies and procedures	9/1/24	N/A	0
<i>Fleet is engaged in a maturity model exercise to identify key business processes, from which the team will generate defined roles, responsibilities, outcomes, operating procedures, and policies. Policies and procedures will be aligned to Blueprint 2.0 imperatives and the goals of the Fleet department.</i>							

***Open Prior Audit Findings**

Audit Report / Subject	Issue Date	Open
Contract Compliance Audit	7/22/2021	1
		total
		1

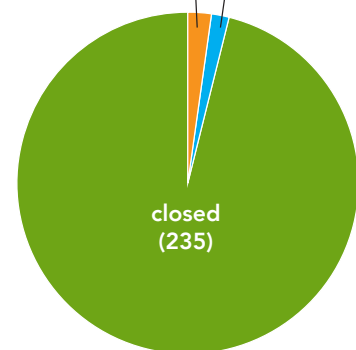
 At least one original remediation target date has been extended

In total, 97 percent of all prior audit findings from FY16 – FY22 are closed. Management’s target closure rate is 90 percent.

*Note that the audit findings reported above represent open findings through the FY22 Audit Plan year.

FY16 – FY22 prior audit findings status

pending testing (4) open (1)

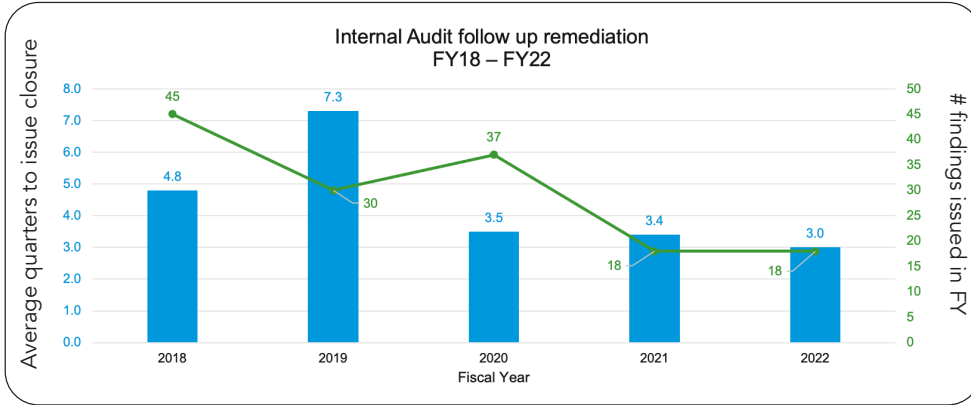


“Pending Testing” indicates that Management represents that the Action Plan is completed, but Internal Audit has not yet performed testing to validate the status.



Time to closure by fiscal year

The below graphs illustrate the average number of quarters from audit finding issuance to audit finding closure year-over-year as of October 2023. Management has made significant improvements to achieve timelier audit finding closure as illustrated by the continued decline in time to close since FY19.



Note: The reports driving the higher FY19 finding closure rate are related to the Purchase card policy and the Safety policies. The Purchase Card policy update was put on hold during Covid due to the decline in PCard/TCard spending and competing Procurement priorities. Safety findings were issued in 2019 with an original target date of March 2020 which was delayed due to other Safety Covid priorities. Safety policy issue closure is dependent upon Union review.

Proposed FY24 Internal Audit Plan

Proposed Project	Cycle Audit	Ad Hoc Audit	Management Assessment
1. Finance & Procurement			
Purchasing Card Audit	X		
Contract Compliance Audit	X		
2. Shared Services			
Physical Security Penetration Testing – Fleet Facility	X		
Physical Security Penetration Testing – HQO Facility	X		
3. Ops & Engineering			
Work Order Management Audit – Pumping Ops	X		
Permit Operations Assessment			X
4. People & Talent			
Training and Recruiting Audit	X		

Proposed Project	Cycle Audit	Ad Hoc Audit	Management Assessment
5. Information Technology			
Mobile Application Penetration Testing	X		
Genesys Information Technology General Controls (ITGC) Review		X	
Internal and External Network Penetration Testing		X	
6. Ongoing Activities			
Hotline Case Management			
Open Action Items - Remediation & Follow Up			
7. Authority-Wide			
FY25 Risk Assessment			





**Summary of Resolutions and Contracts
303rd Meeting of the DC Water Board of Directors
Thursday, December 7, 2023**

Joint-Use Contracts

Resolution No. 23-70 Approval to Exercise Option Year 4 of Contract No. 19-PR-DPT-31, Staff Model Health Maintenance Organization (HMO), Kaiser Foundation Health Plan of the Mid-Atlantic States, Inc. The purpose of this contract is to provide Staff Model Health Maintenance Organization (HMO) medical plan services for DC Water employees hired October 1, 1987, or later. The amount of Option Year 4 is \$6,752,000.00. (Recommended by the Human Resources and Labor Relations Committee 11-08-23)

Resolution No. 23-71 Approval to Exercise Change Order No. 08 of Contract No. 200020, Emergency Sewer Main Infrastructure Repair and Replacement Contract for FY21-FY23, Spiniello Companies. The purpose of this contract is to provide emergency and urgent sewer infrastructure rehab and replacement services at various public space locations in the District of Columbia. The amount of this change order is \$20,000,000. (Recommended by the Environmental Quality and Operations Committee 11-16-23)

Resolution No. 23-72 Approval to Exercise Option Year 3 and Add Funding to Contract No. 10030, Annual Maintenance, Repair, and Calibration of Instrumentation Control and Electrical Equipment, C&E Services, Inc. of Washington. The purpose of this contract is to provide annual maintenance, repair, and calibration of instrumentation, control devices, and valve actuators to monitor and control equipment and processes, ensuring efficient and reliable operations. The amount of Option Year 3 and the additional funding is \$350,000.00. (Recommended by the Environmental Quality and Operations Committee 11-16-23)

Resolution No. 23-73 Approval to Exercise Option Year 4 of Contract No. 19-PR-DWT-21B, Supply and Delivery of Methanol, Mitsubishi International Corp. The purpose of this contract is to secure the consistent supply and delivery of methanol to the Blue Plains Advanced Wastewater Treatment Plant used as the nutrient for bacteria in the Nitrification section of Blue Plains, where nitrogen is removed to comply with DC Water's environmental permits as required by the Environmental Protection Agency. The amount of Option Year 4 is 1,800,000.00. (Recommended by the Environmental Quality and Operations Committee 11-16-23)

Resolution No. 23-75 Approval of Appointments of the Officers of the Board (Recommended by the Executive Committee 11-09-23)

Non-Joint Use Contracts

Resolution No. 23-74 Approval to Execute Contract No. 230060, Sewer Life Restoration Program (SLRP) – 2, Spiniello Companies. The purpose of this contract is to facilitate the rehabilitation of aging sanitary and combined sewers in Atlas District, Bloomingdale, Columbia Heights, and Manor Park in this project will help prolong the life of the sewer/structures. In addition, the work involved in this project will largely be executed by using both open excavation and trenchless methods. The contract amount is not-to-exceed \$19,517,704.25. (Recommended by the Environmental Quality and Operations Committee 11-16-23)

Presented and Approved: December 7, 2023

SUBJECT: Approval to Exercise Option Year 4 of Contract No. 19-PR-DPT-31, Staff Model Health Maintenance Organization (HMO, Kaiser Foundation Health Plan of the Mid-Atlantic States, Inc.

**#23-70
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 December 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Option Year 4 of Contract No. 19-PR-DPT-31, Kaiser Foundation Health Plan of the Mid-Atlantic States, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to exercise Option Year 4 of Contract No. 19-PR-DPT-31, Kaiser Foundation Health Plan of the Mid-Atlantic States, Inc. The purpose of this contract is to provide Staff Model Health Maintenance Organization (HMO) medical plan services for DC Water employees hired October 1, 1987 or later. The amount of Option Year 4 is \$6,752,000.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

GOODS AND SERVICES CONTRACT AWARD

**Staff Model Health Maintenance Organization (HMO) Services
(Joint Use-Indirect)**

Approval to exercise Option Year 4 for Staff Model Health Maintenance Organization (HMO) medical plan services in the amount of \$6,752,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Kaiser Foundation Health Plan of the Mid-Atlantic States, Inc. 2101 East Jefferson Street Rockville, MD 20852	N/A	N/A

DESCRIPTION AND PURPOSE

Original Contract Value:	\$5,342,000.00
Original Contract Dates:	01-01-2020 – 12-31-2020
Option Years in Contract:	4
Option Year 1 - 3 Value:	\$18,115,425.00
Option Year 1 - 3 Dates:	01-01-2021 – 12-31-2023
Option Year 4 Value:	\$6,752,000.00
Option Year 4 Dates:	01-01-2024 – 12-31-2024

Purpose of the Contract:

Contract to provide Staff Model Health Maintenance Organization (HMO) medical plan services for employees hired October 1, 1987 or later.

Contract Scope:

DC Water provides its employees with a choice of medical plan benefits. This contract offers comprehensive HMO medical plan coverage to DC Water employees and their families.

As a result of the negotiations for Option Year 4, DC Water is estimated to achieve \$323,692 or 5% in cost avoidance savings.

Spending Previous Year:

Cumulative Contract Value:	01-01-2020 – 12-31-2023:	\$23,457,425.00
Cumulative Contract Spending:	01-01-2020 – 09-30-2023:	\$21,066,531.26

Contractor's Past Performance:

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

No LSBE Participation

PROCUREMENT INFORMATION


Contract Type:	Good and Services	Award Based On:	Highest Ranked Offeror
Commodity:	Medical Services	Contract Number:	19-PR-DPT-31
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		


BUDGET INFORMATION

Funding:	Operating	Department:	People and Talent
Project Area:	DC Water Wide	Department Head:	Joy J. Dorsey

ESTIMATED USER SHARE INFORMATION

User – Operating	Share %	Dollar Amount
District of Columbia	71.19%	\$4,806,748.80
Washington Suburban Sanitary Commission	21.21%	\$1,432,099.20
Fairfax County	4.86%	\$328,147.20
Loudoun Water	2.38%	\$160,697.60
Other (PI)	0.36%	\$24,307.20
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$6,752,000.00

 / 11.1.2-23
 Joy J. Dorsey Date
 Chief People Officer and EVP of People and Talent

 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dcwater.com,
 O=District of Columbia Water and Sewer
 Authority, OU=VP of Procurement &
 Compliance, CN=Dan Bae
 Date: 2023.11.01 17:23:20 -04'00'

Dan Bae Date
 VP of Procurement

Matthew T. Brown Digitally signed by
 Matthew T. Brown
 Date: 2023.11.03 11:20:59
 -04'00'

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

 / 11/20/2023
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 7, 2023

SUBJECT: Approval to Exercise Change Order No. 08 of Contract No. 200020, Emergency Sewer Main Infrastructure Repair and Replacement Contract for FY21-FY23, Spiniello Companies

**#23-71
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 December 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Change Order No. 08 of Contract No. 200020, Spiniello Companies.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to exercise Change Order No. 08 of Contract No. 200020. The purpose of this contract is to provide emergency and urgent sewer infrastructure rehab and replacement services at various public space locations in the District of Columbia. The amount of this change order is \$20,000,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

CONSTRUCTION CONTRACT CHANGE ORDER:

**Emergency Sewer Main Infrastructure Repair & Replacement Contract for FY21–FY23
(Joint Use)**

Approval to execute Change Order No. 08 for \$20,000,000. The modification exceeds the Chief Executive Officer's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Spiniello Companies 3500 East Biddle Street Baltimore, MD 21213	Bulldog Distribution Trucking, LLC Beltsville, MD DBE	12.5%
	Arthur Engineering Services, LLC Laurel, MD DBE	6.4%
	Empire Landscape, LLC Silver Spring, MD DBE	6.2%
<u>Headquarters</u> Livingston, NJ 07039	RAM Olney, MD WBE	6.0%

DBE Participation = 25.1% WBE Participation = 6%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$16,011,710
Value of this Change Order:	\$20,000,000
Cumulative CO Value, including this CO:	\$45,450,000
Current Contract Value, including this CO:	\$61,461,710
Original Contract Time:	1096 Days (3 Years, 0 Months)
Time extension, this CO:	0 Days
Total CO contract time extension:	0 Days (0 Years, 0 Months)
Contract Start Date (NTP):	11-12-2020
Anticipated Contract Completion Date:	07-31-2024
Cumulative CO % of Original Contract:	284%
Contract Completion %:	77%

Purpose of the Contract:

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

Original Contract Scope:

DC Water awarded an Indefinite Delivery and Indefinite Quantity (IDIQ) contract to the selected contractor. As emergency or urgent work was identified, DC Water Sewer Operations developed scopes of work, negotiated costs using pre-established pricing, and issued task orders to the contractor. Joint-use cost share amounts were determined, communicated, and billed per existing joint-use procedures. Typical task order scopes include:

- Emergency or Scheduled Rehab and Replacement of Sewer & Infrastructure
- Cleaning & CCTV inspection of sanitary sewer mains
- Sanitary sewer bypass pumping

Previous Change Order Scopes:

- To provide construction resources for FY22 block-by-block lead service line replacement projects through the LFDC Capital Improvement Project and Emergency Repair Replacement (CIPERR) program for both the private and public side. Other administrative changes were made to adjust the quantity on the schedule of prices only and had a zero-dollar impact on the contract amount.

- During a routine manhole inspection at Structure 2A on Monday 5/1/23, it was observed that the pipe wall between the East Outfall Relief Sewer and the West Outfall Relief Sewer downstream of Structure 2A was severely compromised. The full inspection later showed that the pipe had lost 75 LF of the central pipe wall immediately downstream of Structure 2A. Additionally, the crown of both pipes showed signs of severe corrosion, exposed rebar, and missing rebar from Structure 2A to Structure 105, approximately 467 LF. Structure 2A and Structure 105 are both located at Geisboro Park on Joint Base Anacostia-Bolling.

The emergency rehabilitation work was split into two phases. Phase 1 is stabilization of the structure and constructing a gravity diversion structure. Phase 2 which will be done under a separate change order will be to rehabilitate the two relief sewers using reinforced geopolymer application.

Current Change Order Scope:

Phase 2 response to East Outfall Relief Sewer and the West Outfall Relief Sewer will rehabilitate both relief sewers and Structure 2A; which includes:

- Design and rebuild the middle wall separating the East and West Outfall Relief Sewers.
- Design and rehabilitation of the East and West Outfall Relief Sewers and Structure 2A using PALTEM (Pipeline Automatic Lining SysTEM) Flow-Ring System.
- Heavy cleaning of relief sewers to create favorable environment for asset rehabilitation.
- Backfilling of the gravity bypass channel along with reestablishing sewer flow in the newly rehabilitated East-West Outfall Relief Sewers.
- Site restoration after the work is completed.

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:	200020
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Sewer Services
Service Area:	Sewer	Department Head:	Kenrick St. Louis
Project:	RE		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	39.37%	\$ 7,874,000.00
Washington Suburban Sanitary Commission	44.78%	\$ 8,956,000.00
Fairfax County	11.95%	\$ 2,390,000.00
Loudoun County & Potomac Interceptor	3.90%	\$ 780,000.00
Total Estimated Dollar Amount	100.00%	\$ 20,000,000.00

Digitally signed by Jeffrey F. Thompson
 Date: 2023.11.01 16:17:22 -04'00'

 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP

Digitally signed by Matthew T. Brown
 Date: 2023.11.09 15:45:03 -05'00'

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

Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dwater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
 Date: 2023.11.02 08:59:30 -04'00'

 Dan Bae Date
 VP of Procurement

 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 7, 2023

SUBJECT: Approval to Execute Option Year 3 and Add Funding to Contract No. 10030, Annual Maintenance, Repair, and Calibration of Instrumentation Control and Electrical Equipment, C&E Services, Inc. of Washington

**#23-72
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 December 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Option Year 3 and Add Funding to Contract No. 10030, C&E Services, Inc. of Washington.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year 3 and Add Funding to Contract No. 10030, C&E Services, Inc. of Washington. The purpose of this contract is to provide annual maintenance, repair, and calibration of instrumentation, control devices, and valve actuators to monitor and control equipment and processes, ensuring efficient and reliable operations. The amount of Option Year 3 and the additional funding is \$350,000.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT OPTION YEAR
Annual Maintenance, Repair, and Calibration of
Instrumentation Control and Electrical Equipment
(Joint-Use Direct)**

This contract action is to exercise Option Year 3 and add funding in the amount of \$350,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: C&E Services, Inc. of Washington 1224 W. Street, SE Washington, DC 20020 (LSBE)	SUBS: N/A	PARTICIPATION: 100%
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DESCRIPTION AND PURPOSE

Base Award Contract Value:	\$276,000.00
Base Award Contract Dates:	02-01-2021 – 01-31-2022
No. of Option Years in Contract:	3
Option Years 1 – 2 Values:	\$721,000.00
Option Years 1 – 2 Dates:	02-01-2022 – 01-31-2024
Option Year 3 Value:	\$350,000.00
Option Year 3 Dates:	02-01-2024 – 01-31-2025

Purpose of the Contract:

The contract provides annual maintenance, repair, and calibration of instrumentation, control devices, and valve actuators to monitor and control equipment and processes, ensuring efficient and reliable operations. Instrumentation and control equipment are critical to running efficient utility operations. The Department of Pumping & Sewer Operations manages the contract.

Contract Scope:

The scope of the contract includes providing supervision, labor, transportation, replacement parts, modification, calibration, programming installation, and maintenance of instrumentation, valve actuators, Programmable Logic Controllers (PLC), Human Machine Interfaces (HMI), and other related equipment at various DC Water facilities.

Spend Previous Year:

Cumulative Contract Value:	02/01/21 – 01/31/24: \$997,000.00
Cumulative Contract Spending:	02/01/21 – 09/30/23: \$962,463.00

Contractor Past Performance:

According to the COTR, the contractor’s quality of products and services, timeliness of deliverables, conformance to DC Water’s policies and contract terms and invoicing met requirements.

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	Award Based On:	Best Value
Commodity:	Calibration of Instrumentation Control and Electrical Equipment	Contract Number:	10030
Contractor Market:	Open Market LSBE Participation		

BUDGET INFORMATION


Funding:	Joint-Use Direct Costs	Department:	Pumping & Sewer Operations
Project Area:	Pumping & Sewer Operations	Department Head:	Kenrick St Louis

ESTIMATED USER SHARE INFORMATION

User – MJUF Operating	Share %	Dollar Amount
District of Columbia	65.93%	\$230,755.00
Washington Suburban Sanitary Commission	16.22%	\$56,770.00
Fairfax County	10.14%	\$35,490.00
Loudoun Water	6.66%	\$23,310.00
Potomac Interceptor	1.05%	\$3,675.00
Total Estimated Dollar Amount	100%	\$350,000.00

Jeffrey F. Thompson
 Digitally signed by Jeffrey F. Thompson
 Date: 2023.11.06 11:41:39 -05'00'

 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP


 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dcwater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
 Date: 2023.11.06 14:01:33-05'00'

 Dan Bae Date
 VP, Procurement

Matthew T. Brown
 Digitally signed by Matthew T. Brown
 Date: 2023.11.08 17:26:35 -05'00'

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


 11/20/2023

 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 7, 2023

SUBJECT: Approval to Exercise Option Year 4 of Contract No. 19-PR-DWT-21B, Supply and Delivery of Methanol, Mitsubishi International Corp.

**#23-73
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 December 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Option Year 4 of Contract No. 19-PR-DWT-21B, Mitsubishi International Corp.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to exercise Option Year 4 of Contract No. 19-PR-DWT-21B, Mitsubishi International Corp. The purpose of this contract is to secure the consistent supply and delivery of methanol to the Blue Plains Advanced Wastewater Treatment Plant used as the nutrient for bacteria in the Nitrification section of Blue Plains, where nitrogen is removed to comply with DC Water’s environmental permits as required by the Environmental Protection Agency. The amount of Option Year 4 is 1,800,000.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT OPTION YEAR
Supply and Delivery of Methanol
(Joint Use - Direct)**

This contract action is to execute option year 4 in the amount of \$1,800,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

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

Base Period Contract Value:	\$700,000.00
Base Contract Period:	01-13-2020 – 01-12-2021
Option year 1-3 Value	\$3,810,000.00
Option Year 1-3 Date	01-13-2021 – 01-12-2024
Option Year 4 Value:	\$1,800,000.00
Option Year 4 Dates	01-13-2024 – 12-31-2024

Purpose of the Contract:

To secure the consistent supply and delivery of methanol to the Blue Plains Advanced Wastewater Treatment Plant. The methanol is used as the nutrient for bacteria in the Nitrification section of Blue Plains, where nitrogen is removed to comply with DC Water’s environmental permits as required by the EPA.

DC Water dual-sources methanol to assure continuity of supply. Colonial Chemical was awarded 90% of our volume requirements, and Mitsubishi was awarded 10%.

Contract Scope:

Under the contract, suppliers will deliver and provide all necessary equipment required to offload methanol into the designated storage tanks at the Blue Plains Wastewater Treatment.

The global methanol price increased by 70% in OY1 and OY2, this had direct impact on higher annual spending.

Spending Previous Year:

Cumulative Contract Value:	01-13-2020 to 01-12-2024: \$4,510,000.00
Cumulative Contract Spending:	01-13-2020 to 10-31-2023: \$4,312,577.00

Contractor’s Past Performance:

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

No LBE/LSBE participation.

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Methanol	Contract Number:	19-PR-DWT-21B
Contractor Market:	Open Market		


BUDGET INFORMATION

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

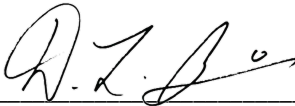
ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	43.08%	\$775,440.00
Washington Suburban Sanitary Commission	41.90%	\$754,200.00
Fairfax County	9.60%	\$172,800.00
Loudoun Water	4.71%	\$84,780.00
Other (PI)	0.71%	\$12,780.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,800,000.00

Jeffrey F. Thompson
 Digitally signed by Jeffrey F. Thompson
 Date: 2023.11.01 16:20:57 -04'00'
 _____ Date
 Jeffrey F. Thompson
 Chief Operating Officer, EVP


 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dcwater.com,
 O=District of Columbia Water and Sewer
 Authority, OU=VP of Procurement &
 Compliance, CN=Dan Bae
 Date: 2023.11.02 12:51:03 -04'00'
 _____ Date
 Dan Bae
 VP of Procurement

Matthew T. Brown
 Digitally signed by Matthew T. Brown
 Date: 2023.11.03 10:56:23 -04'00'
 _____ Date
 Matthew T. Brown
 CFO and EVP of Finance, Procurement and Compliance


 _____ Date
 David L. Gadis
 CEO and General Manager

Presented and Adopted: December 7, 2023

SUBJECT: Approval of Appointment of the Officers of the Board

**#23-75
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority” or “DC Water”) at the Board meeting held on December 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___() opposed, to take the following action to appoint the Officers of the Board.

WHEREAS, on September 5, 2019, the Board through Resolution #19-47, adopted amendments to the Board of Directors By-Laws, revising the positions of the Officers of the Board to include: Chairperson, First Vice-Chairperson, Second Vice-Chairperson, and Vice Chairpersons for each of the participating jurisdictions of Fairfax County, Virginia, and Montgomery and Prince Georges Counties, Maryland; and

WHEREAS, pursuant to Section 4.02(c) of the By-Laws, the Alternate Vice-Chairperson for each jurisdiction shall fulfil the duties of their Vice-Chairperson if the Vice-Chairperson is absent or unavailable; and

WHEREAS, pursuant to Section 4.03 of the By-Laws, except for the Chairperson, the Officers of the Board shall serve a one (1) year term commencing upon approval of the Board and terminating on December 31st of each calendar year or until a successor assumes that Officers position, or unless the Officer resigns or is removed; and

WHEREAS, the Chairperson is selected by the Mayor in the manner required by the Authority’s enabling legislation at D.C. Official Code § 34-2202.04; and

WHEREAS, pursuant to sections 4.01(b) and (c) of the By-Laws, the Executive Committee shall nominate the First Vice-Chairperson and Second Vice-Chairperson and the Board members of their respective jurisdictions shall nominate the Vice-Chairperson and Alternate for their jurisdiction; and

WHEREAS, on November 9, 2023, the Executive Committee met and after consideration and discussion nominated Rachna Bhatt as First Vice-Chairperson and Fariba Kassiri Second as Vice-Chairperson; and

WHEREAS, the Board members of Prince George’s County, Maryland nominated _____ for Vice-Chairperson and _____ for Alternate Vice-Chairperson; and

WHEREAS, the Board members of Montgomery County, Maryland nominated Fariba Kassiri for Vice Chairperson and _____ for Alternate Vice-Chairperson; and

WHEREAS, the Board members of Fairfax County, Virginia nominated Christopher Harrington for Vice-Chairperson and Sarah Motsch for Alternate Vice-Chairperson; and

WHEREAS, after consideration of the nominations offered by the Executive Committee and the Board members of the respective participating jurisdictions, the Board approves the appointments of the Officers of the Board.

NOW THEREFORE BE IT RESOLVED THAT:

1. The Board approves the nominees offered by the Executive Committee and the Board members of the participating jurisdictions as follows:

First Vice-Chairperson:	Rachna Butani-Bhatt
Second Vice-Chairperson	Fariba Kassiri
Vice-Chairperson Prince George's County	Jared McCarthy
Alternate Vice-Chairperson Prince George's County	Awaiting Appointment
Vice-Chairperson Montgomery County	Fariba Kassiri
Alternate Vice-Chairperson Montgomery County	Awaiting Appointment
Vice-Chairperson Fairfax County	Christopher Harrington
Alternate Vice-Chairperson Fairfax County	Sarah Motsch

This resolution is effective immediately.

Secretary to the Board of Directors

Presented and Approved: December 7, 2023

SUBJECT: Approval to Execute Contract No. 230060, Sewer Life Restoration Program (SLRP) – 2, Spiniello Companies

**#23-74
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 7, 2023 upon consideration of a non-joint use matter, decided by a vote of ___ () In favor and ___ () opposed to approve the execution of Contract No. 230060, Spiniello Companies.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 230060, Spiniello Companies. The purpose of this contract is to facilitate the rehabilitation of aging sanitary and combined sewers in Atlas District, Bloomingdale, Columbia Heights, and Manor Park in this project will help prolong the life of the sewer/structures. In addition, the work involved in this project will largely be executed by using both open excavation and trenchless methods. The contract amount is not-to-exceed \$19,517,704.25.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

CONSTRUCTION CONTRACT:

**Sewer Life Restoration Program (SLRP) - 2
Non-Joint Use**

Approval to execute a construction contract for \$19,517,704.25.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Spiniello Companies 3500 East Biddle Street Baltimore, MD 21213	Shekinah Group, LLC New Brunswick, NJ DBE	33.0%
<u>Headquarters</u> Livingston, NJ 07039	RAM Construction, Inc. Olney, MD WBE	4.5%
	Manuel Luis Construction Co., Inc Silver Spring, MD WBE	2.5%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$19,517,704.25
 Contract Time: 730 Days (2 Years, 0 Months)
 Anticipated Contract Start Date (NTP): 01-31-2024
 Anticipated Contract Completion Date: 01-30-2026
 Bid Opening Date: 06-06-2023
 Bids Received: 1
 Evaluated Bid Amount: \$19,517,704.25

Purpose of the Contract:

The rehabilitation of aging sanitary and combined sewers in Atlas District, Bloomingdale, Columbia Heights, and Manor Park in this project will help prolong the life of the sewer/structures. The work involved in this project will largely be executed by using both open excavation and trenchless methods.

Contract Scope:

- Structural rehabilitation of approximately 68,690 linear feet of sewer pipes ranging from 8-inch through 40-inch in diameter using Cured-in-Place Pipe (CIPP) lining.
- Rehabilitate Eight (8) Open Cut Sewer Points of 10-inch through 24-inch in diameter and eighteen (18) Lateral Connection Points.
- Reinstatement of an estimated 3,421 laterals.
- Reconstruction of an estimated 392 structural lateral connections by lining and resin injection.
- Installation of Six (6) new sewer manholes.
- Associated paving, sidewalk, and curb restoration, undercut trench excavation, and borrow trench fill.

Federal Grant Status:

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

PROCUREMENT INFORMATION


Contract Type:	Fixed Price	Award Based On:	responsible bidder
Commodity:	Construction	Contract Number:	230060
Contractor Market:	Open Market		


BUDGET INFORMATION


Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Sewer	Department Head:	William Elledge
Project:	GH		

***ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 19,517,704.25
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%	\$ 19,517,704.25


 Digitally signed by Jeffrey F. Thompson
 Date: 2023.11.01 16:15:53 -04'00' / _____
 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP


 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dcwater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
 Date: 2023.11.02 09:00:20 -04'00' / _____
 Dan Bae Date
 VP of Procurement


 Digitally signed by Matthew T. Brown
 Date: 2023.11.07 12:50:14 -05'00' / _____
 Matthew T. Brown Date
 CFO and EVP
 Finance, Procurement and Compliance Cluster


 _____ / 11/20/2023
 David L. Gadis Date
 CEO and General Manager