



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
300th MEETING OF THE BOARD OF DIRECTORS
Thursday, September 7, 2023
9:30 am

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

- I. Call to Order (Chairman Tommy Wells)**
- II. Roll Call (Michelle Rhodd, Board Secretary)**
- III. Approval of the July 6, 2023 Meeting Minutes**
- IV. Chairman's Overview**
- V. Committee Reports**
 1. Executive Committee (**Chairman Wells**)
 2. Environmental Quality and Operations Committee (**Sarah Motsch**)
 3. DC Retail Water and Sewer Rates Committee (**Rachna Butani-Bhatt**)
 4. Audit and Risk Committee (**Floyd Holt**)
 5. Finance and Budget Committee (**Anthony Giancola**)
- 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 Execute Contract No. DCFA #536-WSA, Program Management for CSO Long-Term Control Plan and Other Services, Greeley and Hansen LLC - Resolution No. 23-43 (Recommended by the Environmental Quality and Operations Committee 07-20-23)
 2. Approval to Execute Memorandum of Understanding (MOU) Agreement for Long-Term Control Plan Well Permit Reviews between District of Columbia Department of Energy and Environment and DC Water – Resolution No. 23-44 (Recommended by the Environmental Quality and Operations Committee 07-20-23)
 3. Approval to Execute Change Order No 07 of Contract No. 200020, Emergency Sewer Main IR&R, Spiniello Companies – Resolution No. 23-45 (Recommended by the Environmental Quality and Operations Committee 07-20-23)

4. Approval to Execute Contract No. DCFA #539-WSA, Permit Support Services, SZ PM Consultants – Resolution No. 23-46 (Recommended by the Environmental Quality and Operations Committee 07-20-23)
5. Approval to Award Contract No. 10399, Microsoft Enterprise Agreement License Renewal, Dell Marketing LP – Resolution No. 23-47 (Recommended by the Environmental Quality and Operations Committee 07-20-23)
6. Approval to Exercise Option Two of Contract No. 10084, Sodium Hypochlorite, Kuehne Chemical Co. Inc. – Resolution No. 23-48 (Recommended by the Environmental Quality and Operations Committee 07-20-23)
7. Approval to Execute Modification No. 12 of Contract No. WAS-13-018-AA-RA, Mass Communication Systems, Everbridge – Resolution 23-49 (Recommended by the Environmental Quality and Operations Committee 07-20-23)
8. Approval to Exercise Option Years Three and Four of Contract No. 20-PR-WWT-45A, High Pressure High Vacuum Cleaning, Jet Blast – Resolution No. 23-50 (Recommended by the Environmental Quality and Operations Committee 07-20-23)

X. Consent Items (Non-Joint Use)

1. Approval to Execute Contract No. 220160, Major Sewer Rehabilitation 1-5 Northeast Boundary, Spiniello Companies – Resolution No. 23-51 (Recommended by the Environmental and Quality Committee 07-20-23)
2. Approval to Add Additional Funding to Contract No. 032223, Construction Inspection Refund Services, AECOM Services of DC, LLC – Resolution No. 23-52 (Recommended by the Environmental Quality and Operations Committee 07-20-23)

XI. Engineering Assessment Report (Matthew Brown & John M. Corliss, Jr., Peer Consultants, P.C.)

XII. Executive Session¹ (Chairman Wells)

- To discuss a personnel matter under D.C. Official Code § 2-575(b)(10).

XIII. Adjournment (Chairman Wells)

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

- September 13th @ 11:00 am Human Resources and Labor Relations Committee w/Union Presidents
- September 21st @ 9:30 am Environmental Quality & Operations Committee
- September 22nd @ 2:00 pm Executive Committee
- September 26th @ 9:30 am DC Retail Water and Sewer Rates Committee
- September 28th @ 9:30 am Finance and Budget Committee

Important Reminder | In-person Meeting

301st Meeting of the Board of Directors on October 5th @ 9:30 am

†The 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.



299TH BOARD OF DIRECTORS MEETING

MINUTES OF THE MEETING

Microsoft Teams

July 6, 2023

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. Jared McCarthy, Alternate
2. Andrea Crooms, Alternate

Montgomery County Members

1. Fariba Kassiri, Principal
2. 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
6. Keith Lindsey, Chief of Staff and Acting EVP Human Resources

The 299th meeting of the District of Columbia Water and Sewer Authority's Board of Directors was called to order by Chairperson Tommy Wells at 9:30 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 June 1, 2023, meeting.

Upon a motion duly made and seconded, the Board of Directors approved the minutes of the June 1, 2023, meeting as presented.

II. CHAIRPERSON'S OVERVIEW

Chairperson Wells noted that there would be no meeting in August. However, there will be meetings with the Executive Committee to discuss the General Manager's performance evaluation.

Board member Christopher Herrington asked for updates on conversations with WSSC around the revenue dispute associated with Blue Drop when appropriate. Chief Legal Officer and EVP, Government and Legal Affairs Marc Battle offered to provide an update during the executive session.

Mr. Wells noted that there will be a splash day in the Anacostia River on Saturday, July 8th to honor the cleaning up of the river. He reported that he planned to attend.

III. CEO AND GENERAL MANAGER'S REPORT

CEO and General Manager David Gadis provided four updates related to the Authority's equitable, health, safety, and well imperatives. Under the equitable imperative, Mr. Gadis provided an update on the President's National Infrastructure Advisory Council (NIAC). Mr. Gadis noted that he is a member of NIAC and went on to report on the quarterly meeting which took place on June 21st. At that meeting there was a review and discussion of the NIAC's security draft report. The report is organized into three parts and contains insights on three key deliverables: identifying barriers to cross-sector collaborations, making recommendations to overcome barriers and determining if critical infrastructure standards should be voluntary or mandatory. Following the discussion, NIAC members agreed to continue working to refine their approach to their deliverables. Mr. Gadis invited interested board members to visit NAIC's website for a copy of the report.

Mr. Gadis went on to report on his attendance at a White House roundtable discussion regarding manufacturing lead-service line replacement materials. Attendees included

Kareem Adeem, Director of Newark, New Jersey Water and Sewer Authority. Mr. Gadis explained that he updated participants about how DC Water's new supply chain strategy is addressing the challenge of sourcing domestically manufactured products to replace lead service lines materials. The approach has been effective for the Authority and aligns with all Build America and Buy America provisions of the Infrastructure Investment Jobs Act.

Mr. Gadis reported that on June 30th, he gave remarks and led the media briefing on the 2023 lead-free service line replacement plan, which introduced the updated interactive service line map and construction dashboard. The briefing generated coverage in local media. Mr. Gadis commended Chief Communications and Stakeholder Engagement Officer and EVP Kirsten Williams, Vice President Marketing and Communications, John Lisle and Director DCW Engineering and Technical Services Will Elledge for their roles in explaining the plan. Mr. Gadis informed the Board that they would receive a briefing from Mr. Elledge on the lead-free program later in the meeting.

Mr. Gadis briefed the Board on the Authority's catch-up program which was in effect from February 1 – May 31, 2023. The program offered equitable financial support to residential, commercial, and multi-family customers with delinquent accounts as of December 21, 2022. Eligible customers with a past-due balance were offered a waiver of late fees and penalties incurred from January 1, 2018 to December 31, 2022, and a 10% adjustment on the remaining balance if they paid their catchup balance. This offer was extended to 16,000 customers, and 9,000 took part, resulting in the recovery of \$8 million in delinquent debt.

Mr. Gadis reported that on June 21st, the Department of Occupational Safety and Health held the 2023 DC Water and Safety Fair. The fair was well attended by staff and offered engaging exhibits.

Mr. Gadis went on to brief the Board on the Authority's policy for protecting and keeping staff safe during poor air quality days. He reported that over the past two to three weeks, the safety team and staff have kept employees safe from the impacts of poor air quality in the District by, for example, limiting outdoor work on red air-quality days. Mr. Gadis went on to report on an innovative and culture-shifting approach to safety titled "Doing Safety Differently" that was presented to the Senior Executive Team by David Gill. Mr. Gadis informed the Board that at the September board meeting they would receive the same briefing.

IV. COMMITTEE REPORTS

*Environment Quality and Operations Committee Report
Reported by Sarah Motsch*

Environmental Quality and Operations Committee Chairperson Sarah Motsch reported that the Committee received an update on the Blue Plains Advanced Wastewater Treatment Plant, and all performance parameters for May 2023 were excellent. It was noted that May was a relatively dry month. There were no CSO events, and the average rainfall was 1.3 inches per month, which continues the trend of lower rainfall amounts. Electrical generation onsite was at 29% of the facility's average consumption for May. The power purchased from PEPCO was 19.5 megawatts. In May, a total of 14,124 wet tons of Class A Biosolids were produced and met the EPA's exceptional quality requirements. A total of 9,684 wet tons of biosolids were sold, which was significantly higher than the goal of 3,826 wet tons. The sales in May represented the third-record sales. Bloom sales are on track to meet the year's goal of 58,000 tons. There was a request from the Committee that information regarding the volume of flows to complete treatment be included in the presentations.

Next, Ms. Motsch reported on the quarterly status update from DC Clean Rivers project. The Anacostia tunnel system continued to perform well. The capture rates exceed those anticipated at the project's current point. Procurement for the Potomac River Tunnel was ongoing. DC Water conducted collaboration meetings to clarify the scope prior to the final bids. For Contract A, construction is ongoing and includes the construction of high-voltage electrical duct banks. Substantial completion was achieved in 2023. PEPCO is responsible for pulling the wires to provide temporary low-voltage and high-voltage power to operate the tower.

The CSO 025-026 Sewer Separation Project was in the close-out stage. The construction in all three sites was completed. DC Water sent a letter to the Environmental Protection Agency in March 2023 to certify that the consent milestone was achieved.

The green infrastructure at Rock Creek Park commenced construction in March 2022, and there are six facilities where construction will be completed. The project is planned to be completed in January 2024.

In general, the Clean Rivers Program continues to engage the public through outreach efforts on all projects. The Clean Rivers Project Program is projected to be completed by \$46.2 million below budget. The Committee enquired about the maintenance plan, and it was clarified that DC Water retained a contract to maintain all GI facilities after construction, which are maintained once per quarter.

Ms. Motsch stated that the Environmental Quality and Operations Committee recommended that the Board approve the six action items.

*Special Meeting of the Human Resources & Labor Relations Committee
Reported by Steven Shofar*

Human Resources and Labor Relations Committee Chairperson Steven Shofar reported that the Committee was asked to consider and recommend for Board approval, a request

to fund the extension of the contract with CIGNA for medical benefits for the PPO and HMO programs. Three firms responded, and CIGNA was the most successful firm. The contract will be extended for five years. The request is for an additional \$81,559,125 to fund the five-year contract extension.

Mr. Shofar stated that the Human Resources and Labor Relations Committee recommended that the Board approve funding the extension of the contract with CIGNA for medical benefits for the PPO and HMO programs.

V. LEAD-FREE DC UPDATE

Mr. Gadis introduced William Elledge, to provide an update on the Lead-Free DC program.

Mr. Elledge reported that improved accuracy of the water service line inventory replacements was estimated to be 41,157. The updated cost was \$1.51 billion. There was a current funding gap of \$885,000. It is being ensured that the public is aware of the health effects of lead. There have been several meetings with Advisory Neighborhood Commissions. A key step is improving the accuracy of the service lines. Some data sources have higher confidence levels. The new category levels included verified lead, suspected lead, no information, suspected non-lead, and verified non-lead. Mr. Elledge presented the inventory map showing information about individual properties and the reasoning behind the confidence ratings. The construction dashboard includes specific parcel information and the construction status on each block. The reasons for the increased estimated cost included an increase in the number of service lines and test kits needed. The currently identified funding sources were presented. Three keys to success were discussed, including securing funding, implementing a mandate requiring homeowners to participate in the program, and collaborating with DDOT for road permits.

VI. CONSENT ITEMS JOINT USE

1. Approval to Execute Option Year 2 of Contract No. 10080, Supply and Delivery of Ferric Chloride, PVS Technologies – Resolution No. 23-26 (Recommended by the Environmental Quality and Operations Committee 06-15-23).
2. Approval to Execute Option Years 1 and 2 of Contract No. 10272, Annual Maintenance of Electrical Control Equipment (High Voltage), M. C. Dean Inc. – Resolution No. 23-37 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
3. Approval to Execute Option Years 1 and 2 of Contract No. 10147, Annual Maintenance of Electrical Control Equipment (Low Voltage), M. C. Dean Inc. – Resolution No. 23-38 (Recommended by the Environmental Quality and Operations Committee 06-15-23)

4. Approval to Fund Multiple Pre-Qualified Firms for Temporary Staffing Services – Resolution No. 23-29 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
5. Approval to Execute Supplemental Agreement No. 02 of Contract No. DCFA 483-WSA, Grit, Screenings and Primary Facilities Upgrade, HDR Engineering, Inc. – Resolution No. 23-40 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
6. Approval to Award Contract No. 10212, Network Infrastructure Extension (NIE) System, Global Com, Inc. – Resolution No. 23-41 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
7. Approval to Extend Contract, CIGNA (Recommended by the Human Resources & Labor Relations Committee 07-05-23)

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

VII. EXECUTIVE SESSION

The Board voted to go into executive session to discuss a legal matter and preserve the attorney-client privilege under the DC code.

After the executive session, Mr. Wells reviewed the list of upcoming meetings. The next Board of Directors meeting will be held on September 7th.

VIII. ADJOURN

There being no further business to come before the Board, Chairman Wells adjourned the meeting at 10:58 a.m.

Michelle Rhodd
Secretary to the Board of Directors



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Committee Meeting**

*Thursday, July 20, 2023
9:30 am*

MEETING MINUTES

Committee Members

Sarah Motsch
Howard Gibbs
Steven Schofar
Jared McCarthy

DC Water Staff Present

David Gadis, CEO and General Manager
Marc Battle, Chief Legal Officer and EVP
Jeffrey Thompson, Chief Operating Officer and EVP
Michelle Rhodd, Secretary to the Board
Nicholas Passarelli, VP, Wastewater Treatment Operations
David Parker, VP, Engineering & Technical Services
Joel Grosser, Director of Procurement, Goods & Services
William Elledge, Director, Engineering & Technical Services
Moussa Wone, VP, DC Clean Rivers
Jeffrey Peterson, Sr. Manager, DC Clean Rivers

I. CALL TO ORDER

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 present for the meeting.

II. BPAWTP PERFORMANCE UPDATE

Nick Passorelli, Vice President of Wastewater Treatment Operations presented the Blue Plains Advanced Wastewater Treatment Plant (BPAWTP) performance update. The average flow through complete treatment for June was down to 247 MGD. There was no flow through Outfall 001, and all wet weather flows were diverted to complete treatment. The plant met all the National Pollutants Discharge Elimination System (NPDES) permit requirements. There was little flow into the tunnel, just under 13 million gallons. Energy performance was good, with 29% of the electricity generated onsite. The Combined Heat and Power (CHP) facility produced an average of 8.7 megawatts (MW), with 7.2 MW net to the Blue Plains grid. The solar system produced an additional 0.8 MW.

In June, an average of 505 wet tons per day of biosolids was produced, totaling 15,148 tons for the month. Blue Drop sold 5,527 wet tons of Bloom, which was 197% above the target for the month. The remaining 9,622 wet tons not sold into the market were land applied through contracts. The FY23 cumulative sales have met 119% of the goal.

III. WATER QUALITY MONITORING

Maureen Schmelling, Director of Water Quality provided the update on water quality monitoring. Water quality was reported to be in compliance with the total coliform rule for the past month. The lead and copper rule testing for the first semester 2023 was completed and demonstrated compliance. A few homes were over the 90th percentile limit from the first sample but demonstrated compliance with the second draw samples. The next semester's testing begins in July.

IV. FIRE HYDRANTS UPDATE (OPS)

Sylvia Okogi, Operations Program Manager for Water Distribution, DC Water, provided the fire hydrants update. It was reported that 41 hydrants were marked out of service in June. Out of the 41, 22 were defective and required repair. The other 19 were out of service due to other work. The map providing the location of the out-of-service hydrants was presented.

Environmental and Quality Operations Committee member Howard Gibbs asked about the status report of a hydrant 120 days out of service for repair. It was reported that it was for one wall-mount hydrant on a tunnel that could not be used. It will need coordination with DDOT, as modifications will be needed. Mr. Gibbs asked about the eight fire hydrants that have been in need of replacement for more than 120 days. It was reported that a couple of wall-mount fire hydrants would need further conversations.

In response to a question regarding how many Third Street Tunnel hydrants were out and if there was any protection in the Third Street Tunnel, it was reported that there were regular hydrants available for fire protection.

V. LEAD-FREE DC PROGRAM

William Elledge, Director of Engineering and Technical Services reported that the three keys to success were to secure funding, implement a mandate requiring homeowners to participate in replacing lead service lines and collaborate with the District Department of Transportation (DDOT) for road permits. Efforts are ongoing to achieve these three critical items. The graph of funding, including "non-budgeted funding" was presented. The implementation of the mandate was moving forward through the City Council. Work has continued with DDOT to secure a Memorandum of Understanding (MOU) for permitting for Lead Free DC (LFDC), and there was a recent meeting with a Deputy Director.

Progress to date on lead service line replacements was reported. There have been 4,400 services replacements completed since Fiscal Year (FY) 2020, with a total savings to customers of nearly \$7 million for free and discounted replacements on private property. For FY 2023, replacements have progressed at approximately 80% of the original yearly projections. This trend was expected to continue over the next months, with possibly a jump in September or October when new construction contracts are underway.

Key activities completed in the previous quarters were presented and included: approval for the Intended Use Plan for the Bipartisan Infrastructure Law (BIL) funding; the submittal of BIL grant applications; efforts by community activators have doubled the number of agreements for private-side replacements signed per week; the previously reported hold by DDOT on releasing permits was released; an updated 2023 LFDC annual work plan, map, and construction dashboard was introduced; the overall program cost estimate was updated; construction bids were opened on the next four task orders; a press briefing on the updated 2023 LFDC plan was conducted; and DC

Water participated in a DC Council public hearing along with 19 Advisory Neighborhood Commission (ANC) meetings.

The next quarter's activities were discussed and included: attending meetings for the next construction packages with Advisory Neighborhood Commission (ANC) and Community Based Organizations (CBOs), bidding on four test pit contracts, bidding on three service line replacement contracts for more than \$100 million construction contracts, completing the restoration of FY22 blocks, starting construction up to Work Package 10, starting the permitting and outreach for Work Packages 11-17, conducting cross training for Community Activators, and conducting message testing for marketing and advertising. A new executive dashboard was presented, which includes a map as well as tabular data of premise status, count, and percentage of totals.

VI. 311 OVERFLOW COORDINATION

Meisha Thomas, Director of Customer Care, reported on 311 Overflow. She noted that a flooding event on September 10, 2020 which produced 2.88 inches of rain topped a previous record set in 1970; and resulted in increased call volumes to the DC Water call center, 601 calls to the DC Water Emergency Command Center (ECC) and blocked phone lines due to the volume of calls. The District's Office of Unified Command (OUC) (311/OUC) reported an increased call volume as well, and there were broken communications between the DC Water and District groups. As a result of these events, an internal emergency plan was created to utilize the DC Water call center staff in the daytime to assist with emergency calls and increase ECC staff as needed. An MOU with the District of Columbia was also established, which involved a multi-agency discussion to collaborate and coordinate emergency calls and resolutions during future flood events. There were thresholds established and agreed upon for automatic activation and call transfers. It was decided that 311/OUC would submit intake information directly to the Report-A-Problem (RAP) website, which reduced contract costs. It was reported that 311/OUC added two additional resources to their overnight crews to assist in emergency overflow calls. Between 8 pm and 8 am, if the call queue is greater than 25 calls with an average wait time greater than 90 seconds, calls are transferred to 311. Between 8 am and 8 pm, calls are transferred if the threshold is greater than 40 calls with an average wait time greater than 120 seconds. All tickets are submitted through the RAP website for ECC review, dispatch, and response.

The new MOU was activated on April 1 of this year, when a water main break affected 50 homes. The ECC answered 265 calls, and 103 were transferred to 311. There was a water main break resulting in a boiled water advisory from May 28-31 of this year, and there were 1,363 calls answered during this event by the ECC, with 137 transferred to the 311/OUC on May 28. The benefits of the relationship include improved customer service, reduced customer frustration by completing a call through one system, increased responsiveness, reduced call abandonment, support for the response identified by the Flood Taskforce, and greater collaboration between DC Water and DC Government.

VII. EAST WEST OUTFALL RELIEF SEWER UPDATE

David Parker, Vice President of Engineering presented an update on the East-West Outfall Relief Sewer (EWORS) repairs. Mr. Parker reported that deteriorated condition inside the East Outfall Relief Sewer on the site of Joint Base Anacostia-Bolling (JBAB) was discovered on May 1, and that the center wall had fully corroded and was missing in sections. A more detailed inspection from Structure 2A to past Structure 105 was completed on May 10. There was a 75-foot-long segment downstream of Structure 2A which was identified as the most severe deterioration. The severity of the deterioration

decreases further downstream to Structure 105, with no further evidence downstream of this structure. DC Water activated an Incident Management Team (IMT) on May 25. Weekly meetings are being held with the team to monitor the progress of repairs, communications, and to provide input to the engineering and construction teams.

Mr. Gibbs asked when the sewer was last inspected and how often inspections occurred. Mr. Parker reported that it was last inspected in 2016, and it did show some signs of deterioration, but there was a lot of additional corrosion that has occurred since then. He reported that additional approaches to managing corrosion were being examined. Mr. Gibbs asked if they were considering any types of coating. Mr. Parker reported that they were looking into a geopolymer coating that would be hydrogen-sulfide-resistant and protect against future corrosion.

Mr. Parker presented the Phase 1 and Phase 2 plan to address the deteriorated condition of these sewer conduits. Phase 1 plan involved the emergency response and risk mitigation, and Phase 2 involved design and construction to rehabilitate the defective portion of the EWORS. It was discussed that sandbags and additional protection were installed around structure 2A as a berm for additional containment if a collapse occurred. He reported that the soil was being excavated off the top slab, and the top slab will be removed to further reduce the risk of a collapse. The cost estimate for the Phase 1 work was between \$7 and \$15 million. It was expected for all of the work to be completed by mid-2024.

Mr. Parker discussed the consequences, mitigation, and plans for failure response if the crown of EWORS collapsed. There were several permits applied for to allow construction to proceed. The contractor is Spiniello, and there is a Fact Sheet for Committee review in today's meeting. The contractor mobilized on June 9th. The material supply was a key aspect, and the sheet piles needed for construction of a bypass channel were expected to be delivered by the end of the month. Other entities participating in this response include Brown and Caldwell and Greeley and Hansen for engineering support and site monitoring. DC Water is also securing some critical upstream manholes, monitoring the asset, weather, and flow, working to divert some flow from the Potomac PS to reduce the total flow through the EWORS, and holding regular tactical meetings and communication plans.

VIII. ACTION ITEMS

JOINT USE

1. Contract No. DCFA #536-WSA Program Management for CSO Long-term Control Plan and Other Services – Greeley and Hansen LLC
2. Agreement No. N/A Long-Term Control Plan Well Permit Reviews – District of Columbia Department of Energy and Environment
3. Contract No. 200020 Emergency Sewer Main IR&R Contract for FY21-FY23—Spiniello Companies
4. Contract No. DCFA #539-WSA Permit Support Services – SZ PM Consultants, Inc.
5. Contract No. 10399 Microsoft Enterprise Agreement License Renewal – Dell Marketing
6. Contract No. 10084 – Sodium Hypochlorite – Kuehne Corporation
7. Contract No. WAS-13-018-AA-RA – Mass Communication Systems – Everbridge
8. Contract No. 20-PR-WWT-45A – High-Pressure High Vacuum Cleaning – Jet Blast

NON-JOINT USE

1. Contract No. 220160 Major Sewer Rehabilitation 1-5 Northeast Boundary – Spiniello Companies
2. Contract No. 032223 Construction Inspection Refund Services – AECOM Services of DC, LLC

Moussa Wone, Vice President of DC Clean Rivers Project, and Reginald Scott, Manager of Capital Procurement, presented Joint Use Action Item 1. Moussa Wone also presented Joint Use Action Item 2. Joel Grosser, Director of Procurement for Goods and Services, presented Joint Use Action Items 5, 6, 7, and 8. David Parker presented Joint Use Action Items 3 and 4, and Non-Joint Use Action Items 1 and 2.

ACTION ITEM HIGHLIGHTS:

For Joint Use Action Item 1, Mr. Wone reviewed first the Clean Rivers Project and the justification for the Program Management contract. He reported that since the inception of the Anacostia Tunnel System, over 15 billion gallons of combined sewage and over 9,545 tons of trash and debris have been captured. The remaining projects to complete the consent decree were presented. Bids have been received for the Potomac River Tunnel construction. On the Rock Creek portion of the project, a hybrid CSO control is being implemented with Green Infrastructure (GI). The schedule of the overall program as dictated by the Consent Decree was presented. DC Water evaluated organizational models to implement the program, and the model selected for implementation was tailored DC Water organization supported by program management consultants, as well as design and construction management consultants and contractors. The lean DC Water team supported by program management consultant provides DC Water with the flexibility to adjust program staffing to match the program's needs. As there is more work, the program management team and other supporting consultants may be added. The overall cost of the consulting effort, including Program Management, was also compared to other programs in a benchmarking evaluation. The DC Clean Rivers program was determined to be in the middle of the range of costs compared to other programs. The past performance of the Program was discussed. All the consent decree milestones were met. All DBE/WBE goals were met. For safety, more than 3.9 million work hours on construction projects within the last five years were performed safely. There were over 1,000 permits, over 50 easements, and 60 agreements. The captured sewer overflows on the Anacostia River represents a 92% reduction, exceeding the pre-construction predictions of 80% at this stage. A Green Infrastructure plan was developed, and a Consent Decree modification was secured, extending the implementation period by five years.

Mr. Scott reviewed the procurement process for the new program management contract. In the industry outreach, there were 28 attendees from 14 separate firms. 184 total firms were invited to submit their qualifications and proposals for the contract, and 11 firms indicated they would bid. In evaluation of the qualifications and proposal by the selected consultant, the composition of the proposed program management team includes over 25 firms. Several of these firms were new to the team, indicating success in bringing in additional firms through this solicitation. The due diligence evaluation of the proposal was completed, and all criteria were met by the selected team. Demonstrating DC Water's efforts to reduce costs on the Program, steps included assigning construction management roles to a separate construction manager; using lessons learned from previous tunnels to structure the project and better estimate engineering costs; reducing staffing in the Program Manager by combining positions; taking structured approaches to risk management, permitting, and environmental compliance; using a procurement approach to provide collaboration with bidding contractors to reduce risks and get input for construction approaches; and setting the contract term at five years with two option years to better manage risks. There were additional DC Water evaluations done around the procurement process to consider if changes could increase competition or reduce costs. It was determined that there was not likely to be any benefit to reissuing the procurement and would likely result in delays. It was recommended that DC Water should move ahead with the selection.

The recommendation was that Greeley and Hansen be awarded the Professional Services contract for \$103,416,990. Mr. Gibbs asked how many proposals were received. It was reported

that the only proposal was received from Greeley and Hansen. The other firms did not submit proposals due to not wanting to up against the incumbent. Mr. Gibbs asked if there was any compensation for the bidders. Mr. Scott reported that compensation was only utilized for design-built projects where there is a lot of cost for putting the design together. The Fact Sheet for the contract was presented. It was clarified that the Program Management contract was for the overall Clean Rivers Program, not just the Potomac Tunnel. The contract scope was to provide program management services to ensure the attainment of all Consent Decree milestones.

For Joint Use Action Item 2, it was reported that the MOU would be effective starting in FY2024 and was for approximately 15 years. This MOU will allow for expedited permits from DOEE for wells, instrumentation, dewatering, geotechnical, and environmental investigations. It totaled \$1.62 million. It was clarified that the amount may change over the years. It was also stated that the actual dollar amount was often under the estimated dollar amount.

For Joint Use Item 3, it was reported that the change order was to support the work presented earlier in the meeting for the EWORS emergency repairs. The repair work is underway through this contract, and the \$10 million increase will continue to fund the work. The current change order was only for Phase 1 and involved securing the area from vehicular and human traffic, vacuum excavation of the overburden to the top of the two relief sewers, removal of the top slab of the first 75 feet of the two relief sewers, and construction of the open channel flow diversion using sheet piling. Another change order is anticipated to fund the final rehabilitation of the EWORS.

For Joint Use Action Item 4, this contract is necessary to retain the services of a qualified Engineering firm to provide permitting services support. The total estimated dollar amount was \$5.3 million. It was noted that the selected prime consultant is a certified WBE firm, which is a significant success for the DBE/WBE program.

For Joint Use Action Item 5, the proposal range was between \$8.5 and \$8.8 million, and the purpose was to purchase the annual Microsoft licenses and software maintenance.

For Joint Use Action Item 6, it was reported that the purpose was to supply and deliver sodium hypochlorite for disinfection and odor control. The action is to exercise option year 2 in the amount of \$6,500,000.

For Joint Use Action Item 7, the purpose was to add funding for another year for Everbridge to provide critical mass communication during emergencies. The request was for \$128,929.80.

For Joint Use Action Item 8, the purpose was to fund the final two option years of the contract to provide DC Water high-pressure and high-vacuum cleaning services. The total additional funding requested is \$1.6 million.

For Non-Joint Use Action Item 1, the purpose of the contract is to rehabilitate a portion of the Northeast Boundary Trunk Sewer to help prolong the life of the sewer. The evaluated bid amount is \$7,823,300.

For Non-Joint Use Action Item 2, the request is to increase the contract amount for services to support construction inspection refunds. The original contract amount was \$965,000, and the ask was for a \$435,000 allowance to provide funds if needed to increase the level of effort and accelerate the refund process.

Mr. Gibbs asked for the total commitment for Non-Joint Use Action Item 2, since this was not shown on the Fact Sheet. It was reported that this would be fixed. Mr. Gibbs asked if duties included verification of completion of the projects for refunds. It was reported that this was a joint

effort by the consultant and DC Water staff, and part of the verification process. The verification process was explained, including verifying that all inspections were completed, as-builts and CCTV records provided, proof of payment received, and refund checks issued. Mr. Gibbs asked where the funding is coming from for the refund efforts. It was reported that it came from the operating budget, and that the operating budget for the Permit Operations Department is supported in part by the collected permit fees.

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

IX. ADJOURNMENT

The meeting was adjourned at 11:01 AM.



**MINUTES OF THE MEETING
DC RETAIL WATER AND SEWER RATES
COMMITTEE**

JULY 25, 2023
(via Microsoft Teams)

COMMITTEE MEMBERS PRESENT

1. Rachna Bhatt, Chairperson
2. David Franco, Principal
3. Howard Gibbs, Principal
4. Jed Ross, Principal

DC WATER STAFF

1. David L. Gadis, CEO and General Manager
2. Marc Battle, Chief Legal Officer and EVP, Government and Legal Affairs
3. Wayne Griffin, Chief Administration Officer and EVP, Strategy and Performance
4. Jeffrey Thompson, Chief Operating Officer and EVP
5. Michelle Rhodd, Board Secretary
6. Syed Khalil, Vice President, Rates and Revenue
7. Meisha Thomas, Director, Customer Care
8. Elliott Moran, Walker Information

The DC Retail Water and Sewer Rates Committee meeting was called to order by Rachna Bhatt, Chairperson, at 9:32 AM. The meeting was held via Microsoft Teams and streamed live at dcwater.com. Board Secretary Michelle Rhodd called the roll.

**I. MONTHLY REPORT TO THE DC RETAIL WATER AND SEWER RATES
COMMITTEE**

Syed Khalil, Vice President, Rates and Revenue presented the monthly revenue report. At the end of June 2023, cash receipts totaled \$633.9 million, or 75.2 percent of the FY 2023 Revised Budget of \$631.8 million. The total receipts for June were \$56.4 million as

compared to the budgeted \$52.6 million. Overall year-to-date revenue is above budget by 0.3 percent or \$2.0 million.

Mr. Khalil then explained the variances for different categories of customers. The actual receipts for Federal Government were \$62.9 million or 74.2 percent of the Revised Budget. The lower actual Federal Government receipt is due to disputed accounts of the Soldiers Home. The District Government receipts were lower at \$15.2 million or 65.3 percent of the budget mainly due to lower consumption. Wholesale receipts were \$75.4 million or 72.1 percent of the Revised Budget. The lower receipt is mainly due to the higher Revised Budget as compared to the previously Approved Budget. The budget difference of \$7.4 million is expected to be recovered in the fourth quarter. Other Revenue receipts were \$35.3 million or 67.5% of the Revised Budget due to low receipts from Interest Earnings, System Availability Fee, and Washington Aqueduct Backwash.

Mr. Khalil noted that the DC Housing receipts are higher at \$13.6 million or 95.7 percent of the budget, because they also made the payment for June billed amount early in June instead of July 2023. Residential, Commercial and Multi-Family receipts are slightly higher at \$364.4 million or 76.5 percent of the Revised Budget.

Ms. Bhatt asked why the System Availability Fees (SAF) had a variance of -41 percent. Mr. Khalil stated that the SAF is assessed to new development or redevelopment to recover the investment in available system capacity and there is a lot of variation from month to month based on new development activity.

Mr. Khalil stated that the delinquent accounts are trending in the right direction in terms of dollar amounts and number of accounts. Since May 31, 2023, overall delinquencies greater than 90-days went down by \$0.8 million and the number of accounts decreased by 897. Delinquencies in Residential and Commercial categories decreased while delinquencies in Multi-Family increased as compared to May 2023.

Mr. Khalil stated that the Developer Deposits were \$45.2 million in credit balances (liability) and \$10.9 million in debit balances (receivables) as of June 30, 2023. Accounts pending forfeiture determination and execution were \$5.2 million from 889 accounts.

Mr. Khalil noted that DC Water recently completed a solicitation proposal process and has hired a contractor to provide support services to fully address the backlog of refund requests with an expedited schedule of completion.

Board member Howard Gibbs enquired if funding for the AECOM contract was coming from rate payers or from the budget of the Permit Office. Mr. Khalil explained that ratepayer funds are not used to subsidize the efforts to be undertaken by the AECOM contract. He stated that DC Water has one fund and one budget, and that the amount of forfeiture is sufficient to cover the cost of the AECOM contract of approximately \$1.5 million. There is also a saving of approximately \$0.4m Rent for Permit office, which is

scheduled to move to the HQO building by the end of this month (July 2023). It is anticipated that approximately \$0.4m will be spent in the current year (FY2023) and \$1.0m will be used in FY2024.

II. FY 2022 VOICE OF THE CUSTOMER SURVEY RESULTS

Meisha Thomas, Director of Customer Care gave an overview of the FY2022 Voice of the Customer (VOC) Survey Results and introduced Elliott Moran of Walker Information to present the results. Mr. Moran stated that the objective of the VOC survey was to understand the customer experience through feedback to address strengths and areas of improvement, which would be used to activate and achieve imperative goals under the Blueprint 2.0 Strategic Plan. He elaborated on the evolution, timeline, and roadmap of the survey. Referring to the survey, Mr. Gibbs asked what “Total Successful Invites” meant. Mr. Moran stated that “Invite Count” was the total list of customers that were sent the list, and “Total Successful Invites” were all the emails that went through to the client. In response to Ms. Bhatt’s query regarding the success of the survey from three hundred responses, Mr. Moran explained the objectives, inputs, and deliverables and confirmed the 5.38% response from the invited count. He stated that more is better, but the sample is a good representation as it surpassed statistical significance. Mr. Moran explained the additional inputs that created their objectives which included Customer Journey Mapping, Customer Interviews, Internal Interviews, Customer Calls, Process Documentation, Customer Portal, and Interactive Voice Response (IVR) System.

Mr. Moran further explained that customers were asked how they would rate their overall experience with DC Water, with available responses as Excellent, Very Good, Good, Fair, and Poor. 79% of customers rated their overall experience in the top 3 boxes of Excellent, Very Good, or Good. 56% of customers rate their experience in the top 2 boxes of Excellent or Very Good. Ms. Thomas stated that this study is meant to present the information as a benchmark.

Mr. Gibbs asked if Top 3 meant the most significant percentages or the most positive answers. Mr. Moran stated they were the most positive responses rather than the most significant percentages.

Ms. Bhatt asked if Fair could still be considered a good rating, Mr. Moran responded that there is a positivity bias in the response choices, and for an individual to choose fair or poor, they would have had negative experiences to make those choices.

Mr. Moran presented the key imperatives and ratings. Sustainability was rated 72% in the Top 3 responses and 52% in the Top 2 responses. Resilient was rated 88% in the Top 3 and 60% in the Top 2. Equitable was rated 84% in the Top 3 and 59% in the Top 2.

Healthy, Safe, & Well was rated 83% in the Top 3 and 60% in the Top 2. Reliability was rated 87% in the Top 3 and 67% in the Top 2.

Mr. Moran stated that based on all of the collected inputs, they reconciled the feedback received to create action steps that were shown as current projects. Reliable Imperative Actions were communication, billing format, and flexibility with scheduling payments, all of which had projects underway to address the issues. Equitable Imperative Actions were providing accurate and current information, improving communications on technical visits, and increasing communications about DCW financial assistance programs, all of which had projects in progress or planned start dates. Sustainability Imperative Actions were improving customer communication regarding the value of water and improving customer communication about DC Water's commitment to the environment, both of which have projects with future start dates. Process Improvement Actions were empowering customers to set up new accounts or close accounts and to self-serve on DC Water's website; both had projects in progress and with future planned dates.

Mr. Moran stated that 64% of respondents were unaware of a customer assistance program, so spreading awareness about these programs will be an objective moving forward. Among the knowledge of the programs that DC Water provides, people knew most to least in the following order: Low Income Household Water Assistance Program (LIHWAP), SPLASH, DC Water Cares Residential (RAP), CAP, CAP2, DC Water Cares Multi-Family (MAP), and CAP3. Ongoing research is being conducted to determine the most effective and preferred programs. The primary ways that individuals learned about the program were through the bill insert or the DC Water website, so focus will be placed on those channels.

Ms. Bhatt asked if there was a way for people to signal which method was the primary way they heard about the programs and what were generally popular ways across the industry for people to hear about these programs. Mr. Moran stated that they went from a multi-select to a single-select to highlight which one makes the most difference. Industry patterns depend on the organization and the product being sold. In this case, it is a service, so the invoice process is a primary way to reach their clients.

Mr. Gibbs stated that he often does not look at inserts on his bill, as he is just looking for the information. He suggested considering alternative ways to make their information attractive. Mr. Maron agreed and stated it would be a multi-channel approach. Ms. Thomas stated that her team currently uses various ways of outreach to let people know about assistance, and her department will work with the Department of Communications to increase awareness around programs available to the customers to align with their needs. More to come of that, and possibly a presentation.

Mr. Moran presented Industry Data on the water around the US. DC Water hopes to stay competitive while providing health, safety, and wellness. In Industry Wide, 77% of people rate their water utility rate as excellent or good, aligning with the Top 3 ratings in the study presented today. Taste, clarity, and odor drive how adults feel about water quality. 81% of US adults view their faucet water as safe. For DC Water, 84% of clients rated their water quality as good or better in the Top 3 categories. In multi-select responses, negative ratings were given based on taste, clarity or odor. Overall, they are beating the industry average, with strong support for their water.

Mr. Moran highlighted the demographic findings to help understand the customer base. Income and Education were found to impact the affordability response and emergency responsiveness. For age, respondents 35-44 years old rated the overall imperatives lower than other groups, and those 65 and up rated the imperatives higher than other groups. Female respondents rated the quality of drinking water lower than the male respondents based on taste and safety. Black/African American respondents rated the quality of drinking water lower than White respondents based on taste and safety.

Mr. Moran stated that these results are about taking action. Action Plans were created and are being pursued, and results from those actions will be presented to the Board through the results of the next survey.

Ms. Bhatt noted that a Board member could not come to the meeting and requested that a transcript of the meeting be sent to them with the meeting summary so that all their questions could be answered.

III. DC RETAIL WATER AND SEWER RATES COMMITTEE WORKPLAN

Mr. Syed Khalil presented the 2023 Proposed Committee Workplan, noting it was the same as the previous month.

IV. AGENDA FOR SEPTEMBER 26, 2023, COMMITTEE MEETING

Mr. Khalil informed the Committee that there would be no meeting in August.

V. ADJOURNMENT

Ms. Bhatt adjourned the meeting at 10:31 am.



**MINUTES OF THE MEETING
AUDIT AND RISK COMMITTEE**

JULY 27, 2023
(via Microsoft Teams)

COMMITTEE MEMBERS

1. Floyd Holt, Chairperson
2. Jed Ross, Vice Chairperson
3. Anthony Giancola, Principal
4. Howard Gibbs, Principal
5. Steven Shofar, Alternate

DC WATER STAFF

1. David L. Gadis, CEO and General Manager
2. Marc Battle, Chief Legal Officer and EVP, Government and Legal Affairs
3. Matt Brown, Chief Financial Officer and EVP Finance and Procurement
4. Wayne Griffin, Chief Administration Officer and EVP, Strategy and Performance
5. Jeffrey Thompson, Chief Operating Officer and EVP
6. Michelle Rhodd, Board Secretary
7. Francis Cooper, Director Enterprise Program Management Office
8. Genes Malasy, Vice President and Controller
9. Jason Hughes, Vice President Water Operations

INTERNAL AUDIT STAFF

1. Jill Reyes, RSM US LLP
2. Sophie Tomeo, RSM US LLP
3. Rita Chevalier, RSM US LLP
4. Stephanie McKee, RSM US LLP

DELOITTE STAFF

1. Dmitry Borovik, Director
2. Asma Qureshi, Senior Manager

The Audit and Risk Committee meeting was called to order by Floyd Holt, Chairperson, at 9:30 AM. The meeting was held via Microsoft Teams and streamed live at dcwater.com. Board Secretary Michelle Rhodd called the roll.

1. ENTERPRISE RISK MANAGEMENT BRIEFING

Francis Cooper, Director Enterprise Program Management Office, stated that Phase I was implemented, and they were moving into Phase II to finalize the enterprise-wide risk implementation. Key accomplishments of Phase I included establishing a governing structure, an enterprise risk register, formal processes, and risk assessment with a top-down Enterprise Risk Management (ERM) approach. In Phase II, key goals include conducting risk deep dives, fully implementing the Origami tool and advancing ERM trainings. The goal is to finish these items by the end of the fiscal year.

Dmitry Borovik, Director Deloitte provided an update on ERM and Policy Management. The value of these initiatives is to help the organization make fast, better, and more defensible decisions through increased efficiency, uniformity, accountability, and creativity.

Asma Qureshi, Senior Manager Deloitte noted that in Phase I of the ERM and Policy Management a list of top enterprise-wide risks, ERM training, communications strategy for ERM and Policy Management, ERM and Policy management playbooks, and ERM and Policy Management roadmaps were created. Phase II, will focus on items from the roadmap, including a deep dive into the top three enterprise-wide risks to understand root causes, identify potential gaps in risk mitigation, develop preliminary key risk indicators, implement the Origami Solution to advance coordination of risk and policy management processes, and roll out ERM 101, 201, and 202 to provide a deeper understanding of DC Water's risk processes through train the trainer sessions.

Board member Howard Gibbs asked what the top three risks were. In response Ms. Qureshi stated that the risks were Revenue Erosion & Expenditure Growth, Talent Management, and Changing Regulations. Mr. Cooper stated that the top three areas were chosen based on consultations with the Senior Executive Team (SET), Program Leadership Team (PLT) and with the Board.

Ms. Qureshi explained that the deep dive process involved identifying causes, drivers, and consequences, finding controls or mitigations, creating risk response plans, and key risk indicators (KRIs). Ms. Qureshi explained that within the Origami Risk Solution, the two implementations would be the Risk Module and the Policy Management Module. This solution will bring about cross-functional collaboration, efficient risk identification, increased risk mitigation, enhanced accountability, and increased analysis via customized dashboards. ERM 101 began online in July as a mandatory 30-minute self-led training, so everyone has a consistent foundational understanding of risk management. ERM 201 and 202 are facilitated trainings and will be released in August and September, respectively, to help people make decisions based on risk management.

The Origami Training Guide will be released in mid-September to help users better understand how to use the functionality.

Board member Tony Giancola asked when the Board training would be held and when a memo would be sent to the Board. Mr. Cooper stated that the intention is to brief the Board as the program is rolled out. Mr. Giancola asked if the Board would see the updated policies and resolutions mentioned in the presentation. Mr. Cooper stated that they would not interfere with the policies of the Board. Mr. Cooper explained further that a gap assessment was conducted to identify and mitigate gaps. The assessment revealed that board resolutions were being held in multiple places. As such, the Policy Management module would be leveraged as a central repository.

Mr. Gibbs asked if the ERM 101 training would be available to Board members. Mr. Francis stated the training courses were more detailed and oriented toward the staff who would implement them; however, a high-level training course would be prepared for the Board and risk reports in the future. Mr. Gibbs stated that the program is vague and suggested making it more detailed for the Board. Mr. Giancola agreed the Board should see the training and suggested that a briefing be given during the Board Retreat on November 30 and December 1.

Ms. Qureshi stated staff is continuing the deep dive process from which they will further understand the risks, establish response plans, and determine key risk metrics to address the top 3 risks discussed. For Origami Risk Solution, staff will continue to test, complete required documents, and provide training on the system. ERM 201 and 202 training will be conducted with 250 senior leaders across the Authority to support embedding consistent risk management processes across the Authority.

Board member Jed Ross asked what the branding for Origami was for DC Water. Mr. Cooper stated that the thought is to turn it into a more enterprise-based solution, but it was not rebranded and is still called Origami. He noted that the Safety group had coined it as Safety Risk System (SRS), which they may consider for rebranding in the future, but nothing had been discussed.

2. INTERNAL AUDIT UPDATE

Jill Reyes, RSM Partner, briefed the Committee on the Internal Audit progress. Ms. Reyes noted that the team would present a status update on the FY 2023 internal audit plan, prior audit findings, completed audits, and a hotline update in an executive session. Fieldwork was in progress for Business Continuity Assessment and the Fleet Management Audit. Planning for the FY 2024 Risk Assessment was underway, and work was ongoing for the Hotline Management Remediation & Follow-Up.

Sophie Tomeo, RSM Partner, stated that as of July 2023, there were no open high-risk findings from previous audits, and all current items were either closed or pending testing. Three open findings included Fleet Management Review, Occupational Safety and Health, and Customer Billing and Collection Audit. Work is underway for Fleet Management with new leadership in collaboration with the auditors. The Occupation Safety and Health finding is focused on the Construction Safety Manual, which contractors will review the following week. The Contract Compliance finding is focused on vendor scorecards which were integrated with the Authority's new systems. There are no open items from FY 2022, and two items are pending testing before validation can be received. Collectively, 96% of all findings from FY16 and FY22 are now closed.

Rita Chevalier, RSM Partner presented the Payroll & Timekeeping audit, which had been conducted to understand the process of these systems. To provide context, in March 2022, the Authority switched from the Ceridian Dayforce system to the Oracle Time and Attendance module for the purpose of payroll and timekeeping. The audit revealed two high-risk findings related to Retroactive Timecard Adjustment Application Control and Lack of Segregation of Duties. Due to the new system's design, all timecards needed to be opened in order to make a change to one timecard; as a result, a request to update the process was sent to Oracle. In the meantime, the Payroll Manager was authorized to generate a Time Management Report to update retroactive changes. It was noted that this approach had not yet been reviewed, but steps were being taken to do so. The second high-risk finding was related to lack of segregation of duties between the preparer and reviewer responsibilities of the bi-weekly payroll run book. Management has taken measures to segregate these duties.

In response to Mr. Giancola's question regarding to whom does the Payroll Manager reports, Genes Malasy, Vice President and Controller, responded that the individual reports to him. When Mr. Giancola asked why the lowest supervisory employee was listed as the responsible person, Ms. Tomeo responded that practice was implemented because the Payroll Manager reviewed the payroll. David Gadis, CEO and General Manager stated that ultimately Chief Financial Officer and Executive Vice President Matt Brown is the responsible party.

Ms. Tomeo stated that two moderate and three low-risk findings were primarily due to adoption of the new system and over-assigning work to the Payroll Manager during the transition. Changes have been made to the payroll team to address these findings. RSM are now waiting to close out those items.

Stephanie McKee, RSM Partner presented the Department of Water Operations (DWO) work order management audit. The purpose of the audit was to obtain an understanding of how the DWO work order management process is managed and to ensure effective

operations. The focus of this audit was on work order initiation and screening, data entry, closeout, reporting and monitoring. From this audit, the Audit team analyzed steps taken, if they were effective, and how often they were implemented. Within the Department of Water Operations, five branches have different responsibilities and work order types, so the audit was conducted by considering those differences. One high-risk finding was reported related to failure to capture work order labor and materials.

Mr. Giancola expressed concern about the one-year target date to correct this gap. Jason Hughes, Vice President, Water Operations explained that the goal is to review all business processes and develop a solid solution which led to the conservative date. Still, he expects them to complete the item much earlier. Mr. Giancola requested an update in six months.

Mr. Gibbs noted that due to the importance of the information the one-year target date was concerning; he commented that the information should be available as a part of the procedures. Mr. Hughes explained that staff are taking a two-pronged approach with process and technology related to onboarding and implementing mobility to allow the process to move quicker while taking different technological approaches in various departments.

Jill Reyes, RSM Partners presented the Hotline Update, stating there were 15 calls in FY23, and only one call, a policy issue, remains open. Ms. Reyes informed the Committee that there is another matter that will be discussed in further detail in the executive session.

3. EXECUTIVE SESSION

There was a motion to move into an executive session to discuss legal, confidential, and privileged matters pursuant to Section 2-575(b)(11) of the DC Official Code.

4. ADJOURNMENT

The Audit & Risk Committee meeting adjourned at 10:46 AM.



FINANCE AND BUDGET COMMITTEE MEETING

MINUTES OF THE MEETING

Microsoft Teams

July 27, 2023

DIRECTORS PRESENT

1. Anthony Giancola, Chairperson
2. David Franco, Principal
3. Jared McCarthy, Alternate
4. Sarah Motsch, Alternate

DC WATER STAFF

1. David Gadis, CEO and General Manager
2. Marc Battle, Chief Legal Officer and Executive Vice President, Legal Affairs
3. Michelle Rhodd, Board Secretary
4. Lola Oyeyemi, Vice President, Budget
5. David Parker, Vice President, Engineering
6. Tanya DeLeon, Manager, Risk Management
7. Joe Underwood, Albert Risk Management Consultant

The Finance and Budget Committee meeting of the District of Columbia Water and Sewer Authority was called to order by Anthony Giancola, Chairperson, at 11:00 a.m. The meeting was held via Microsoft Teams and streamed live at dcwater.com. Board Secretary Michelle Rhodd called the roll.

I. JUNE 2023 FINANCIAL REPORT

Lola Oyeyemi, Vice President, Budget provided the financial report. She noted that year-to-date operating revenues were \$633.9 million or 75.2 percent of the budget, operating expenses were \$473.2 million or 68.9 percent of the budget, and capital disbursements were \$283.6 million or 56.6 percent of the budget for the period ended June 30, 2023.

Ms. Oyeyemi informed the Committee that the Board-adopted FY 2024 Budget Book has been published and is available online at www.dewater.com. She congratulated the Budget Team (led by Pade Zuokemefa, Annie Fulton-George and Stacey Johnson),

Rates and Revenues Team (led by Syed Kalil) and Finance Team (led by Ivan Boykin) for their hard work and dedication during the last budget cycle. She highlighted that this was a collaborative effort with Team Blue including the Engineering cluster and Marketing and Communication Department. Planning activities for the FY 2025 budget and two-year rate proposal are underway. The FY 2025 Budget Kickoff is scheduled for September 6, 2023, and delivery to the Board in January 2024.

Ms. Oyeyemi stated that the total operating revenues were \$2 million higher than the year-to-date budget. The increase was mainly in the Residential, Commercial, and Multi-Family customer categories and DC Housing with the payment received in June rather than July. The Federal government made its quarterly payment in July, which will be included in the next report. The lower collection from Wholesale customers is due to higher budget revisions and the differences are expected to be recovered in the fourth quarter. Other Revenue categories include lower than anticipated interest earnings and lower collection of System Availability Fee (SAF).

Ms. Oyeyemi stated that operating expenses were \$21.2 million below the year-to-date budget. The underspending is across all cost categories except for utilities due to increased water usage, and small equipment due to rental of major equipment pending the delivery of ordered vehicles. She went on to report that the authorized vacancy rate was at 13.6 percent compared to about 17 percent at the start of the fiscal year, and the active vacancy rate was 8.1 percent. She explained that the downward trend in the vacancy rate is mainly due to increased hiring efforts with the number filled positions at a record high of 1130 compared to 1097 at the start of the fiscal year. Additionally, management conducted thorough reviews of all Authority-wide vacancies to better understand the positions needed to support business operations. A total of 17 positions were identified as hard-to-fill and other positions not needed at this time and have been eliminated from the authorized headcount. Mr. Giancola stated the vacancy review process should be evaluated, including how salaries and benefits are estimated as part of next year's budget process.

Ms. Oyeyemi reported that capital disbursements were \$283.6 million, and spending is expected to increase during the last quarter for anticipated large invoice payments including the Clean Rivers project, fourth quarter bill from Washington Aqueduct and delivery of vehicle equipment ordered. The detailed project performance and updated forecasts will be reviewed as part of the quarterly Capital Improvement Project (CIP) update by the Engineering Cluster in September 2023.

The total cash balance was \$777.5 million which includes the Rate Stabilization Fund balance of \$35.64 million, operating reserves and unrestricted and restricted reserve accounts. Interest income on investments to date was \$4.4 million. Retail accounts receivables showed a reduction in the value and number of delinquent accounts. The balance was \$28 million and 11,457 accounts as of June 30, 2023. Delinquent accounts reduced to 8.9 percent of total accounts and delinquent imperious only accounts

remained at one percent. Developer Deposits were \$45.2 million in credit balances (liability) and \$10.9 million in debit balances (receivables). Ms. Oyeyemi reported that DC Water recently completed a solicitation proposal and hired a contractor to assist with the backlog of refund requests with an expedited schedule of completion. Details on the refunds requested and processed will be reported to both the Retail Rates and Finance & Budget Committees in the future. She went on to report that 96 percent of invoices were paid within 30 days compared to the Authority's goal of 97 percent for the year.

II. INSURANCE RENEWAL UPDATE

Tanya DeLeon, Risk Manager, provided an update on DC Water's insurance renewal which was effective July 1, 2023. The actual premium payment was approximately \$5.63 million which was below the not-to-exceed amount of \$5.9 million approved by the Board. She highlighted that there was a Request For Proposal (RFP) process, and DC Water qualified four brokers, including a new carrier for fiduciary liability insurance and the successful addition of Capitol Insurance Services (DBE) to the broker pool.

Board member Jared McCarthy noted the significant decreases in premiums for Cyber and Flood insurance and asked how they managed to get a 31 percent and 37 percent decrease, respectively. Joe Underwood, Albert Risk Management Consultant, explained that the cyber market has experienced some stabilization and insurers are becoming more comfortable that their insurers have taken proper loss preventative measures. Also, the insurance carrier for cyber security was changed to Beazley, which included a retention of \$100 thousand. Mr. Underwood also noted the premium decrease for the National Flood insurance policies were attributable to the overall count decrease from 12 to 9 policies due to buildings that were demolished.

III. AGENDA FOR SEPTEMBER 2023 COMMITTEE MEETING

Mr. Giancola announced that there would be no August meeting. The CIP Update and 2024 Committee Workplan will be shared during the September meeting.

IV. ADJOURN

There being no further business to come before the meeting, Mr. Giancola adjourned the meeting at 11:20 a.m.



CEO's Report

SEPTEMBER
2023



ACCOUNTABILITY TRUST TEAMWORK CUSTOMER FOCUS SAFETY WELL-BEING

Inside

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

 **Equitable**



Joy Dorsey Selected to Lead People & Talent

I am pleased to announce the addition of **Joy Dorsey** as our new Executive Vice President leading the People & Talent cluster. Ms. Dorsey comes to DC Water from the DC Office of the Attorney General, where she had served as Talent Acquisition and Professional Development Officer since January 2020.

One of the things that impressed me most during our conversations was her holistic approach to talent and change management, diversity programs, and her record of accomplishment in fostering a culture of workplace integrity with large employers. This year, the DC Office of the Attorney General honored Ms. Dorsey with their 2023 Discretionary Award, and the 2023 Special Recognition for Service Award for her outstanding contributions to the organization.

Ms. Dorsey will formally join the Authority on September 11, 2023, and I look forward to introducing her at an upcoming Board meeting.

 **Sustainable**

Biodiesel Magazine Feature on First Delivery of Authority’s New B100 Vehicles

On Wednesday, August 2, 2023, Biodiesel Magazine published a story detailing the delivery of the first of twelve B100 powered vehicles purchased by the Authority. The purchases were made by DC Water through the U.S. Environmental Protection Agency’s (EPA) Diesel Emissions Reductions Act (DERA) program.

The acquisition of these environmentally friendly B100 vehicles will reduce the Authority’s carbon footprint significantly – by 98.3 metric tons – and lowers particulate emissions by 97 percent compared to traditional diesel fuel.

Reducing our carbon footprint is an important step with respect to our Sustainable imperative, and I would like to recognize the work of **Maureen Holman** (Vice President, Shared Services / Administration) in securing these vehicles fresh off the assembly line, at a time when supply chain issues are complicating and disrupting fleet purchases nationwide.



The screenshot shows a web article from Biodiesel Magazine. The article title is "B100-fueled air, water vacuum excavator delivered to DC Water". The byline is "By Optimus Technologies | August 02, 2023". The article text states: "Optimus Technologies, a diesel engine decarbonization company focused on the largest and most challenging sectors of the transportation industry, announced on July 24 that DC Water (District of Columbia Water Authority) recently took delivery of their first off-the-assembly-line Optimus Technologies/B100 powered vehicle and the first ever Optimus Technologies/B100 powered air and water vacuum excavation truck. This vehicle is one of 12 new B100 powered vehicles purchased by DC Water through the EPA’s DERA (Diesel Emissions Reductions Act) program. Optimus Technologies has already upgraded ten existing DC Water vehicles to run on carbon reducing B100." There is a photo of a white vacuum excavator truck with a long boom. A caption below the photo reads: "Optimus Technologies has announced that DC Water recently took delivery of the first ever Optimus Technologies/B100 powered air and water vacuum excavation truck. The truck is one of 12 new B100-powered vehicles purchased by DC Water. SOURCE: Optimus Technologies".

Resilient

AEG 22Q3 Challenge on Blue Plains Microgrid Projects

In July, the local chapter of the Advanced Energy Group (AEG), held its quarterly meeting, and our own **Duncan Mukira** (Supervisor, Systems Program Management / Wastewater Engineering) and **Denise Edwards** (Supervisor, Electrical and Mechanical Design / Engineering and Technical Services) led a presentation on the results of our 2022 AEG Challenge to modernize the grid at Blue Plains.

The challenge presented to this year’s Task Force was ‘Aligning the Blue Plains Microgrid Project Scope with Justice 40 Outcomes and Securing Federal Funds for Project Implementation with External Stakeholders.’ I am proud to report that the Task Force identified, engaged with, and educated 34 stakeholder agencies, identified 12 funding opportunities, and acquired 11 letters of project support.

I would like to thank the team that led and supported this effort, including Mr. Mukira, Ms. Edwards, **Apera Nwora** (Director, Government Affairs and Public Policy / Government and Legal Affairs), **Hamza Masud** (Senior Program Manager / Government and Legal Affairs), and **Emanuel Briggs** (Director, Community Affairs / Marketing and Communications) for their support and outreach efforts.

August 14 Flooding

Our commitment to enhancing the resilience of our water infrastructure was underscored by recent events. On August 14th, we witnessed the unfortunate impact of chronic flooding on Rhode Island Ave. Our thoughts go out to the pet owners who were affected by this event. It’s particularly distressing to note that despite the valiant efforts of District Dogs’ staff and DC Fire and EMS, some animals did not survive.

At the heart of this problem lies the geographical configuration of the area. This location on Rhode Island Ave under the Metro overpass is a low point that acts as a natural collection point for stormwater from various directions. While storm drains are present in the area, the geographical configuration of the area does not allow for adequate runoff once the sewer reaches its maximum capacity.



District Firefighters rescue dogs from the flood

The history of flooding in this area dates back over a century, with documented incidents of intense rainstorms triggering such events. Our ongoing efforts to address this issue are pivotal. The Northeast Boundary Tunnel (NEBT), which runs directly under Rhode Island Ave, will help mitigate overflow at a number of areas with chronic flooding. The tunnel, which is designed for a 15-year storm, will not prevent all flooding from intense storms but will lessen their impact.

Northeast Boundary Tunnel Project Approaching its Final Stages

I am pleased to report that progress on the Northeast Boundary Tunnel (NEBT) is well underway. This tunnel is set to revolutionize our approach to stormwater management. Currently in the commissioning phase, we anticipate its opening by the end of September. The NEBT is designed to provide an additional storage capacity of 90 million gallons for stormwater.

As noted, the NEBT is designed to handle a 15-year storm event, and it may not eliminate all instances of flooding during intense storms. Nevertheless, its implementation is a significant step towards minimizing the impact of such occurrences and enhancing the overall resilience of our water infrastructure.

These recent events underscore the importance of our mission and the urgency with which we are pursuing project completion. We remain committed to improving resiliency in our communities through innovative solutions and dedicated efforts of our teams. Thank you for your ongoing support and trust as we navigate these challenges together.



Secondary Source Feasibility Study Included in Senate Energy and Water Bill

In the last month, **Jeffrey Thompson** (Chief Operating Officer and EVP / OCOO) and **Salil Kharkar** (Vice President and Senior Technical Advisor / OCOO), who have represented the Authority in a Metropolitan Washington Council of Governments (MWCOG) working group on establishing a secondary water supply, informed me that the group's Secondary Source Feasibility Study has been included in the draft Senate Energy and Water bill.

While additional work remains, MWCOG has expressed confidence that the Study should be included in a reconciled bill. The team is thanking the Senate delegation with a formal thank you letter, and also reaching out to the House Appropriations Committee staff to ensure they are aware of the provision and asking them to defer to the Senate on this provision.

I would like to thank Mr. Thompson and Mr. Kharkar for continuing to support the working group and advocating on behalf of DC Water in that forum.

IT Deploys Mobile Applications for Five Operations Teams

Staff from the Information Technology team recently completed deployment of mobile applications for five different operational teams: Hydrant, Valve, Catch Basin, Clean Rivers, and the Water Services' Distribution Maintenance Branch.

The applications offer multiple benefits for our teams, including faster delivery of work orders to crew members, streamlined work order management through GIS map views, minimizing service disruptions and ensuring data accuracy and quality. Additionally, the mobile applications will replace manual processes for employees, while also lowering the operational burden on our Maximo system.

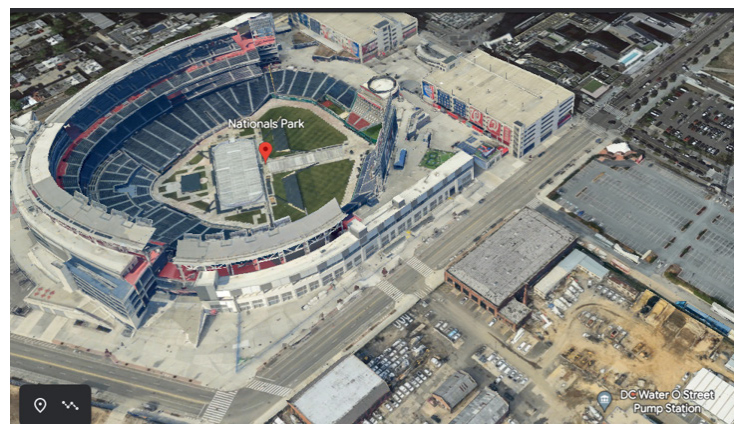
I would like to recognize the long hours, nights, and weekends worked by the deployment team to ensure a smooth launch. In particular, I'd like to thank **Dharanija Batchu** (Quality Assurance Team Lead / Information Technology), **Durmus Cesar** (Manager, Work & Asset Management Systems / Information Technology), **Rami Suliman** (Maximo Work & Asset Management Technical Lead / Information Technology), **Ruth Bai** (Systems Analysis / Information Technology), **Chad Rogers** (GIS Systems Technical Lead / Information Technology), **Madhu Lanka** (Senior GIS Systems Analyst / Information Technology), **Siva Balasubramanian** (Maximo SME / Information Technology), **Srinivas Turlapaty** (Senior Systems Administrator / Information Technology), **Pradeep Kandukuri** (Senior Quality Assurance Analyst / Information Technology), and **Manoj Sharma** (Senior Project Manager / Information Technology) for their dedicated service to the Authority.

I would also like to thank the entire IT team for executing the transition, as well as the multiple business units that assisted with testing the new applications.

Sewer Scout

Innovation, Engineering, and Sewer Operations came together to pilot a new way of inspecting large-diameter sewer pipes. What began at an industry conference quickly evolved into a series of internal discussions that led up to a product demo test on June 28th.

The test subject was a new type of untethered device designed to float with the sewer flow while pinpointing





probable pipe issues along the way. The objective was to assess pipe condition through advanced technology. Equipped with a 365-degree high-resolution camera, lighting, and buoyant platform, the device went 50-feet underground and just over a mile in length to DC Water’s O Street Pumping Station while passing under Nationals Park.

The test results were a ‘home run’ for DC Water. Clear images and AI-enabled analyses allowed our Engineering team to assess the sewer pipe condition with increased worker safety. It potentially provides a more efficient and faster way of assessing large-diameter sewer pipes than currently done. In some situations, certain large-diameter pipes are still being inspected manually. Next-step discussions are currently underway.

Having an outside-in view of new technologies and methods used elsewhere in the industry is invaluable. In this case, it allowed us to challenge and, ultimately, improve upon current ways of assessing large-diameter sewer pipes. Those who made this challenge possible were: **Kenrick St. Louis**, (Vice President / Pumping and Sewer Operations) **Getachew Melsew**, (Senior Manager, Planning / Engineering and Technical Services) **Jessica Shiao**, (Supervisor, Systems Assessment / Engineering and Technical Services) **Bisrat Abege**, (Program Manager, CIP / Engineering and Technical Services) **Nichol Bell Sowell**, (Senior Manager, Inspections and Maintenance / Sewer Operations) **William Elledge**, (Director / Engineering and Technical Services) **Eyasu Yilma**, (Manager, Potomac Interceptor / Pumping, Potomac Interceptor) **Ram Satyadev**, (Program Manager, Potomac Interceptor Renewal / Pumping, Potomac Interceptor) **Chad Rogers**, (GIS Systems Technical Lead / IT Enterprise Solutions) and **Dolly Gada** (Summer Intern / Innovation), among others plus the field crew who assisted with traffic control and sewer operations.

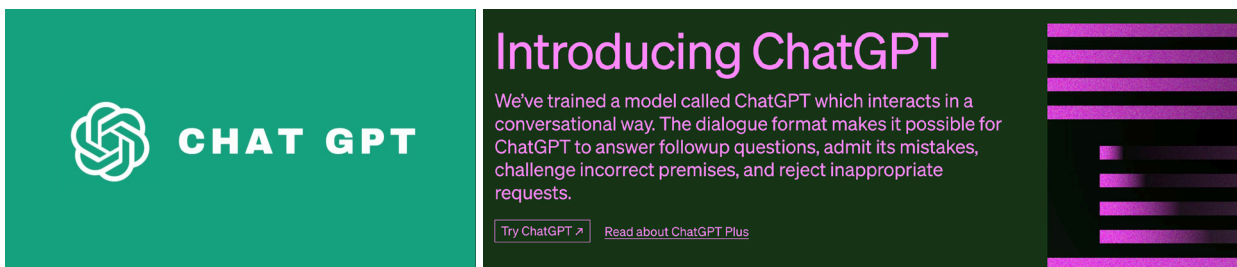
Generative Artificial Intelligence (ChatGPT)

From 200 interested employees to 45 vocal enthusiasts. That’s what happened in response to a Lead and Learn event on Generative Pre-trained Transformers, commonly known as ChatGPT, an emerging technology that has already begun to demonstrate value at DC Water.

Organized into a community of practitioners, several employees from across DC Water are already experimenting with ChatGPT. Though they’re just getting started, preliminary results show: (1) time and costs savings and communication outreach associated with generating reports (e.g., Board and Committee hearings), (2) findings to influence decisions through industry research (e.g., how other utilities deal with pipe corrosion due to excessive hydrogen sulfide concentrations), and (3) improved content and productivity by automating a substantial portion of input into a Request for Proposal (RFP).

Already developed and shared is our ‘QuickStart’ User Guide for others to learn ChatGPT commands and apply best practices. Activities are underway to establish a vision, set of objectives, and SMART goals from which to measure success.

Ramping up to 45 vocal enthusiasts in a matter of days demonstrates Team Blue’s passion for change and innovation. When empowered with a tool like ChatGPT, what could follow are new and improved methods to save time, reduce costs, and make better decisions for our ratepayers, employees, and the surrounding community.



 **Healthy, Safe and Well**

Water Quality Monitoring Update and Swift Response

On August 16, 2023, during routine water quality monitoring, we received concerning sampling test results that indicated the presence of E. coli bacteria. Our vigilant Water Quality team promptly alerted Authority leadership about the findings and initiated the necessary additional sampling and testing in accordance with the Environmental Protection Agency’s (EPA) guidelines.

E. coli bacteria presence often signals potential contamination from human or animal waste. We understand that during the sampling process, the delicate nature of our equipment can introduce E. coli from various sources, including faucets and sinks, possibly leading to a false positive result. While we were confident that the initial result was an anomaly due to these factors, we acted swiftly and responsibly in preparing to issue a boil water advisory (BWA).

These precautionary measures included seeking guidance from EPA Region 3 and promptly communicating with the DC Homeland Security and Emergency Management Agency (HSEMA) to ensure a coordinated response if required and incorporating the guidance provided by the lead advocates concerning our past communications materials related to boil advisories.

We are pleased to report that subsequent samples collected did not indicate the presence of E. coli bacteria. The thorough investigation into the root cause of the initial signal is ongoing. We are relieved to confirm that our water system remains uncompromised, and our water is safe for consumption.

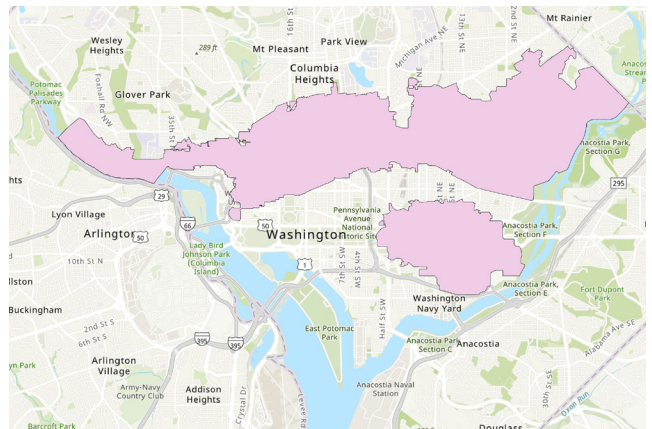
We extend our gratitude to HSEMA for their steadfast leadership and preparedness to assist in our endeavors. We also commend our dedicated teams for their rapid response, ensuring the health and safety of our valued customers.

EPA Approves Plans for Drinking Water Projects to Address Emerging Contaminants in the District of Columbia Following Public Comment Period

On Tuesday, August 1, I received word that the U.S. Environmental Protection Agency (EPA) has approved DC Water’s proposed use of federal funding to address emerging contaminants in the District’s water supply.

In June 2023, the EPA announced a 30-day review period to gather public input on DC Water’s Intended Use Plan (IUP) and Project Priority List (PPL). The IUP outlines how federal funds will be distributed across projects and describes our project ranking methodology, while the PPL ranks projects eligible to receive federal funds based on their contribution to protecting public health and improving compliance with safe drinking water regulations. Through the PPL, the Authority prioritized work in disadvantaged communities, as defined in the White House’s Climate and Economic Justice Screening Tool, and in support of our Equitable imperative.

I would like to give special recognition to our team that strategized for, and prepared, our submission, including **Maureen Schmelling** (Director, Water Quality / Water Quality and Technology), **Paul Guttridge** (Director, CIP Infrastructure Management / CIP Infrastructure), and **Rhonda Sims** (Specialist, Grants Management / CIP Infrastructure).





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.



Financial Metrics

Metric	Target	Apr-23	May-23	June-23	July-23
Operating Cash Balance (millions \$)	\$242.6	\$290.4	\$320.9	\$295.0	\$298.0
Delinquent Account Receivables (%)†	3.3%	4.3%	4.2%	4.0%	4.0%
On-time Vendor Payments (%)††	97%	97%	96%	96%	97%
Investment Earnings Data (Thousands \$)	\$7,028.2	\$2,504.3	\$3,864.3	\$4,447.3	\$5,072.0
Core Investment Yield Data (%) - Merrill Lynch 1-3 Year Treasury Index *		4.2%	4.5%	5.0%	5.0%
Core Investment Yield Data (%) - Actual Monthly Yield †††	0.2%	2.9%	3.8%	3.9%	3.9%
Short Term Investment Yield Data (%) - Merrill Lynch 3-Month Treasury Index *		4.9%	5.2%	5.1%	5.3%
Short Term Investment Yield Data (%) - Actual Monthly Yield †††	0.1%	2.8%	2.5%	2.9%	3.0%
Days of Cash on Hand** and ***	250**	314.0	357.0	331	320***

* 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.
 *** 320 days of cash is made up of 34 days in the Rate Stabilization Fund and 286 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.

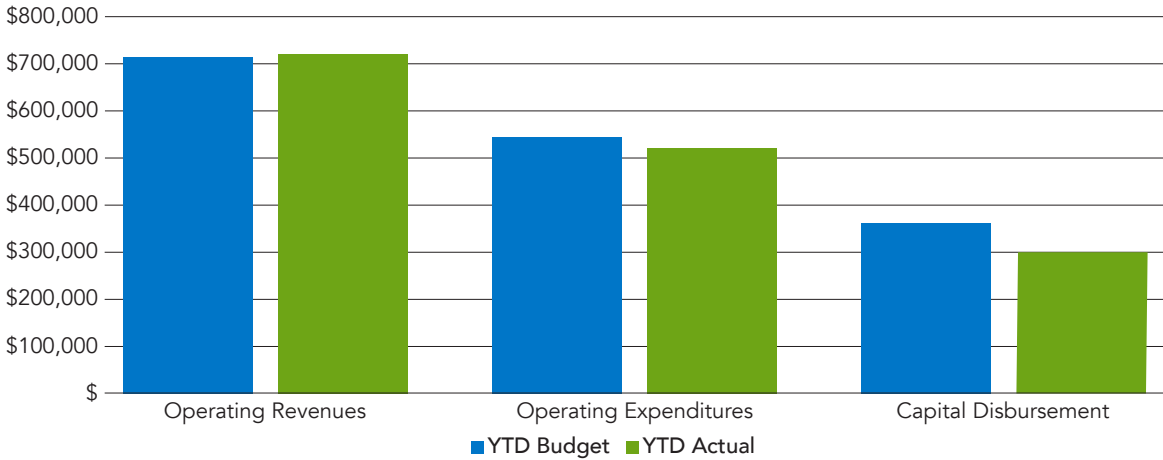
Finance Highlights

FY 2023 Financial Performance

At the end of July 2023, with 83 percent of the fiscal year completed, DC Water is on track with its budget. Total operating expenditures were \$525.9 million, or 76.6 percent and capital disbursements were \$304.8 million or 60.8 percent of the respective revised budgets.

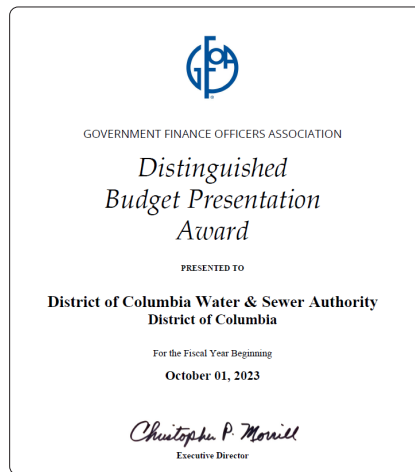
Total operating revenues were \$714.2 million or 84.8 percent of the FY 2023 revised budget. The YTD revised budgeted receipts were \$708.2 million. The higher receipts were mainly for Commercial and Municipal categories of customers due to higher consumption. The lower receipts were mainly from wholesale customers due to the higher revised budget as compared to the previously approved budget. The revenue shortfall from the wholesale customers is expected to recover in the fourth quarter. Additionally, there were lower receipts in the Other Revenue category mainly from Interest Earning, System Availability Fee and Washington Aqueduct Backwash.

FY 2023 Year to Date Performance Budget vs. Actuals (\$000's)



Government Finance Officer Association (GFOA) Budget Award

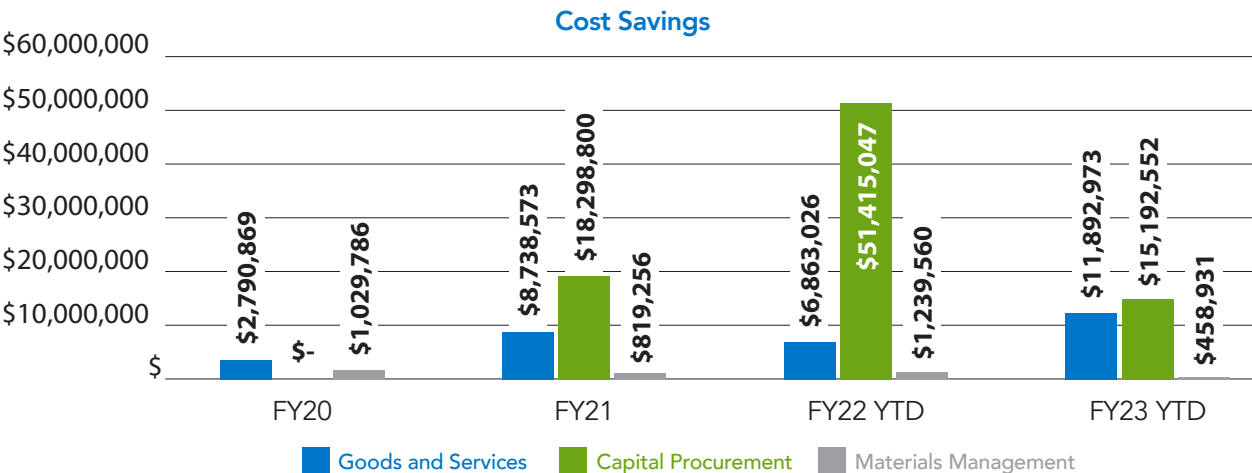
DC Water received its twenty-third consecutive Distinguished Budget Presentation Award from GFOA for the Board-adopted FY 2024 Budget for the fiscal year beginning October 1, 2023. This award is the highest form of recognition in governmental budgeting and represents a significant achievement for the Authority. The Finance Department would like to thank Team Blue, the Senior Executive Team and Board of Directors for their collaboration and guidance throughout the last budget cycle.



Procurement

Cost Savings (negotiated savings and cost avoidance):

The chart shows the cost savings from FY 2020 to FY 2023 year-to-date achieved by Procurement through the competitive solicitation process in the Capital Project and Goods/Service solicitations and the cost avoidance achieved in the Materials Management through the inventory optimization. The cost savings for Capital Procurement were not tracked in FY 2020.





Procurement continued

Upcoming Business Opportunities: All current and planned solicitations are available at dcwater.com/procurement. Those upcoming in the next two months are shown below:

Capital Procurement

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Delivery Type	Eligible Inclusion Program
July, 2023	Construction Management BOA (Multiple Awards)	RFP	\$30M	Professional Service	DBE/WBE
July, 2023	Glover Park (Phase 1 Design)	RFP	TBD	Design	DBE/WBE
August, 2023	Water Management Program	RFP	\$20M	Professional Service	DBE/WBE
August, 2023	Large Diameter Water Main Project	RFP	TBD	Bid Build	DBE/WBE
August, 2023	Sanitary Sewer Rehabilitation 10	RFP	\$10M-\$15M	Bid Build	DBE/WBE
August, 2023	Biosolids Curing Pad	TBD	\$8M	Other	DBE/WBE
August, 2023	Public Outreach for Creek bed	RFP	TBD	Professional Service	DBE/WBE
August, 2023	COF/IT Electrical System Upgrade	RFP	\$10M	Bid Build	DBE/WBE
August, 2023	Ft. Stanton Reservoir No. 1 Rehabilitation	TBD	TBD	TBD	DBE/WBE
August, 2023	Design BOA (Multiple Awards)	RFP	\$60M	Design	DBE/WBE
September, 2023	Construction of Flood Seawall Segment A, B, D	RFP	\$25M	Design Build	DBE/WBE
September, 2023	Blue Plains SB-1 Warehouse Renovation Construction	RFP	\$8M	Bid Build	DBE/WBE
October, 2023	PI Phase 4 Rehab (Fairfax and Loudon Co.)	RFP	\$20M	Bid Build	DBE/WBE
October, 2023	Headworks Influent Structures	RFP	\$12M	Bid Build	DBE/WBE
October, 2023	Local Inspection Services	RFP	TBD	Professional Service	DBE/WBE
October, 2023	Heavy Cleaning Services	RFP	TBD	Professional Service	DBE/WBE
November, 2023	Storm Sewer Rehabilitation 2	TBD	\$1.5M	Construction Contract	TBD
November, 2023	BSPS & Meter Shop Roof & Other Upgrades	TBD	TBD	Construction Contract	DBE/WBE
November, 2023	Spring Place Sewer Rehab	TBD	TBD	Construction Contract	DBE/WBE
November, 2023	Soldiers' Home Transmission Main	TBD	TBD	Construction Contract	DBE/WBE
December, 2023	PI Phase 6 Pipe Rehab at Clara Barton Pkwy and I495	TBD	TBD	TBD	DBE/WBE
January, 2024	Pre-Dewatering Centrifuges	TBD	TBD	Construction Contract	DBE/WBE
January, 2024	Rehabilitation of Dewatered Sludge Loading Facility	RFP	\$3M	Design	DBE/WBE
February, 2024	Electrical Sub-Station Replacements	RFP	TBD	Other	DBE/WBE



Procurement - continued

Goods and Services Procurement:

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Eligible Inclusion Program
August, 2023	Annual Maintenance, Repair and Calibration of Instrumentation Control and Electrical Equipment	RFP	<\$1 M	LSBE
October, 2023	Gas Monitoring Services	RFI	>1M	LSBE
November, 2023	Repair of Instrumentation and Electrical Control Equipment	RFP	<\$1 M	LSBE
November, 2023	Staff Model Health Maintenance Organization	RFP	>\$5M	N/A
December, 2023	Investment Advisory Services	RFP	<\$1M	LSBE
January, 2024	Electricity	RFP	>131M	TBD
January, 2024	Chemical Root Control	RFP	>\$1M	DBE/WBE
January, 2024	Internal Audit Services	RFP	>\$1M	DBE/WBE
January, 2024	Potomac Interceptor Media Replacement	RFP	<\$1 M	LSBE

Contract Compliance (no board approvals in August)



As of this report, 89 new positions were filled by DC Water Contractors. Of those, 74 (83%) were filled with residents from the user jurisdiction – including 43 District residents. Additionally, as per a new effort this year to expand gender equity thru DC Water Works, 15 positions were filled by women.

DC Water Works New Hires (as of August 2023)

DC Water's User Jurisdiction	Number of New Hires
District of Columbia	43
Prince George's County	21
Montgomery County	3
Fairfax County	6
Loudoun County	1
Total	74 (83 percent)
Outside the User Jurisdiction	15 (17 percent)

Procurement - continued

Apprenticeship Program Cohort 1 Update

Congratulations to Adam Ragins for successfully completing his Wastewater Operators apprenticeship and is now a journeyman wastewater treatment plant operator.

Congratulations also to Matthais Frazier and Dwayne Ruffin for successfully completing their HVAC apprenticeships and are now journeyman HVAC technicians.

Outreach and Engagement

- DC Water presented to the National Association of Black Women in Construction at its summer "Billion Dollar Roundtable." The topic presented was, "Building capacity to be successful in the current economy."



- DC Water presented to the US Water Alliance's, One Water Council. The presented topic was, "How Utilities can build strategic partnerships to develop successful workforce development programs. "



- DC Water participated in two external job fairs, with the District Department of Employment Services.



- DC Water was recognized by the Washington Metropolitan Area Transit Authority as an "Outstanding Corporate Sponsor" for our support of their workforce development and training programs.



National Preparedness Month 2023

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

The public theme for 2023 is **Preparing for Older Adults**. While the campaign focuses on preparing all older adults, it specifically looks at communities that are disproportionately impacted by emergencies, and where response and recovery resources are less equitable.

Collaboration with District of Columbia Partners

With FEMA's focus on preparing older populations, this year, DC Water will team up with District of Columbia Homeland Security and Emergency Management, District of Columbia Department of Aging and Community Living, and the District of Columbia Health Department to issue public awareness information surrounding the importance of preparing before emergencies hit, with a special focus on the District's aging community. Part of this public outreach will contain information on preparing for water and wastewater emergencies.

Resilient DC Water Customers

In addition to DC Water's partnership campaign, this year's September "What's on Tap?" issue informs readers on the types of drinking water advisories, and how to prepare for them. It features the difference between Boil Water Advisory, Do Not Drink Advisory, and Do Not Use Advisory, and the steps customers should take to ensure they are prepared if these events should take place. In addition, the issue highlights how DC Water plans for, responds to, and recovers from natural, man-made and technology emergencies. Finally, among other items, the issue notes the importance of communication during emergencies, and how to sign up for DC Water Alerts and Alert DC notifications.

Critical Customer Event

Each year, DC Water holds a Critical Customer Event and Emergency Preparedness Exercise for key District and Regional partners, including senior living facilities. This year's event took place on June 8th, with 66 participants attending, representing 26 local, regional, state, and federal agencies, businesses, and non-profit organizations. One key facet of the event was a presentation on the Critical Customer Water and Wastewater Emergency Response Guide. This public document helps partners evaluate their response and recovery capabilities and contains checklists to help critical customers to be prepared for water and wastewater service interruptions and emergencies.



DC Water Partner agencies attending the 2023 Critical Customer and Emergency Preparedness Exercise.

Internal DC Water Preparedness

DC Water's Office of Emergency Management (OEM) takes the same preparedness mantra for our employees, contractors, first responder partners, as we do for our customers. This is accomplished through a comprehensive training and exercise process with DC Water departments and staff of all levels. Thus far in FY23, OEM has trained and exercised with over 850 employees and individuals from partner agencies.

Virtual Learning Library

Being a resilient organization requires access to resources and training opportunities, at any time. This led OEM to launch the Virtual Learning Library on August 1, a voluntary training suite that currently consists of five online courses.

Current learning opportunities:

- 5-Minute ICS: This 26-minute video provides employees with tools needed to have team discussions regarding the Incident Command System (ICS).
- De-Escalation: This 10-minute video provides an overview of DC Water's specific policies and how staff can de-escalate a difficult, stressful, or tense situation in the workplace or with the public.
- The "Why" Behind Emergency Management: This 15-minute course discusses the importance of emergency management efforts, the local and federal regulations, and accreditation measures behind those compliance requirements.
- Roadmap to Preparedness: This 30-minute course provides employees with the opportunity to learn more about DC Water's measures in preparing and responding to emergencies, and their own role, as staff in an emergency.
- Planning is Essential – A Guide to DC Water's Preparedness Plans: This 30-minute course allows employees to explore the vast library of Emergency Management plans while educating themselves on the importance, purpose, and use of each plan.

The Virtual Learning Library will continue to grow as new courses are developed.

Threat, Alert and Preparedness Team

This September OEM will be launching a new preparedness initiative, the DC Water Threat, Alert and Preparedness Team (TAP-Team). The voluntary team of DC Water employees is an enhancement to the current Evacuation Warden program. Recognizing that emergencies take all shapes and sizes, beyond evacuations, OEM will implement a curriculum of four courses to prepare employees.

TAP-Team Curriculum:

- Evacuation Training: Based on the Evacuation Warden training, TAP-Team members will be trained to provide safe and orderly evacuations, assist with helping others, and the resources that help in an emergency at a DC Water facility.
- Until Help Arrives: This national standard training will teach DC Water employees immediate life-saving actions that can be taken when someone has life-threatening injuries due to trauma and extensive bleeding.
- Active Threat Seminar: TAP-Team members will learn about what resources are available and awareness of actions that can be taken before, during, and after an active assailant or threat incident.
- De-Escalation Seminar: This seminar will help TAP-Team members to be prepared for difficult, stressful, or tense situation(s) in the workplace or when working with the public. The seminar emphasizes the importance of situational awareness and understanding de-escalation techniques in the workplace and with the community.

Shared Services Metrics

Metric	Target	Apr-23	May-23	June-23	July-23
Security: Camera operational uptime	90%	97%	97%	97%	96%
Security: Smart card readers operational uptime	90%	97%	97%	97%	97%
Security: Percent of security investigations completed within 21 days	95%	100%	100%	100%	100%
Facilities: Preventive Maintenance Completion Rate	90%	82%	59%	27%	76%
Facilities: Service Request Completion Rate	90%	48%	49%	50%	58%
Fleet: Preventive Maintenance (PM) on Schedule	96%	94%	93%	93%	95%
Fleet: Priority Vehicles/Equipment (In-Service)	96%	75%	75%	73%	72%
Safety: DC Water Employee Recordable Incident Rate (RIR) (FY)	< 4.9	2.7	2.8	2.9	2.8
Safety: DC Water Employee Lost Time Incident (LTI) (FY)	< 1.7	2.1	2.1	1.9	1.7
Safety: Contractor/ROCIP Recordable Incident Rate (RIR) (FY)	< 2.5	2.3	2	1.9	1.7
Safety: Contractor/ROCIP Lost Time Incident (LTI) (FY)	< 1.1	0.3	0.2	0.2	0.2

Facilities:

The Facilities completion rates for July 2023 are 76 percent for Preventive Maintenance work orders and 58 percent for Service Request work orders. Preventive maintenance work order completions rose slightly to 149 completed and remains above the monthly average (130) for the year. The preventive maintenance performance remained steady, and the completion percentage rose sharply. Service request work orders completion rose to 151 completed in July over 114 completed in June. Facilities is working with the acting Foreman for both the HVAC shop and Carpentry shop (both of whom have been provided offers in July to become shop Foreman) to set up their access to the Maximo system, to be able to accurately report within the system.

Fleet:

Preventative Maintenance completion rate for July 2023 is 95 percent. Of the 40 units scheduled for preventative maintenance, 38 units were brought in on time for service and returned to the operation. Fleet's Priority One Vehicle Availability for July 2023 is 72.3 percent. 164 of 227 priority one vehicles remain operational and in service. There are more than a dozen units currently at vendors awaiting parts that are directly impacted by vendor recalls and supply chain delays.

Customer Assistance Programs (CAP)

DC Water is on track with sharing Customer Assistance opportunities. The goal is to meet or exceed FY21 enrollment. To obtain this goal, we launched a Customer Assistance Survey to increase customer awareness and push them toward applying for assistance. The survey will run from July 12, 2023, to August 22, 2023, capturing customers’ knowledge and opinion of our assistance options. We sent 75 thousand surveys to residential and multifamily customers. Based on the responses, customers are interested in increased income levels for assistance, specialized discounts, more communication about the renewal process, consistent communication, and other responses. We are achieving increased awareness. We hope this will result in increased participation in August and September. In July, MAP participation was higher than anticipated.

Customer Assistance Programs (CAP)

Program	FY2022 Enrolled	FY2022 Dollars	July Enrolled	July Dollars	# FY23 Enrolled	FY2023 Dollars	FY2023 Budget
CAP I	6,949	\$4,871,357	255	\$285,780	4,348	\$1,761,996	\$2,500,000
CAP II	679	\$338,362	16	\$16,206	335	\$105,186	\$400,000
CAP III	204	\$33,026	2	\$688	35	\$5,724	\$50,000
Non-Profit CRIAC Relief	186	\$866,375	9	\$95,631	127	\$618,942	\$905,608
DC Water Cares Residential	1,690	\$1,318,242	156	\$174,953	2,386	\$2,445,204	\$3,779,649
DC Water Cares Multifamily (number of units)	4,313	\$1,880,830	631	\$539,416	2,650	\$1,716,807	\$2,245,115
Homeowners Assistance Fund	-	\$0	3	\$1,495	237	\$213,987	-

Customer Care

The department is successfully working to achieve targets and goals as we focus on ending the current fiscal year and preparing for the new year. In July, the team experienced Heat and Air Quality advisories that reduced the number of days the team could get actual reads in the field. This caused us to miss the Estimated Bills as a Percentage of Meters Read target by 0.2 percent. The team is still strategizing how to increase AMI Transmission and implementing current initiatives. The target was missed by 2 percent.

Key Performance Indicators

Metric	Target/Service Level	May 23	June 23	July 23
% of bills issued on time (w/in 5 days)	97%	97.8%	96%	97%
% unbilled	2%	1.0%	1.5%	1.9%
Estimated bills as a percent of meters read	4%	4.0%	4.5%	4.2%
% AMI Transmission	95%	93.3%	93.1%	93%
# of bill investigations (Disputes)	trend only	132	120	120
% of OPC inquiries resolved within 14 days	98%	100%	100%	98%
% of calls answered in 40 Seconds (Call Center)	85%	98%	97%	93%
Monthly call volume served (Call Center)	trend only	11,003	10,055	11,590
Abandon rate	3%	1%	1%	1%
Emergency dispatch <= 10 Min (ECC)	92%	100%	100%	100%

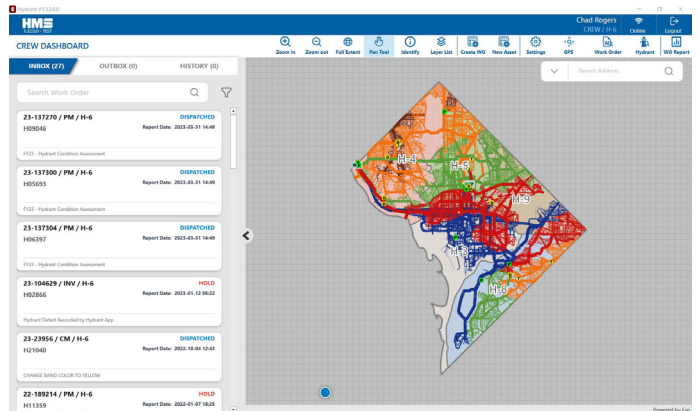
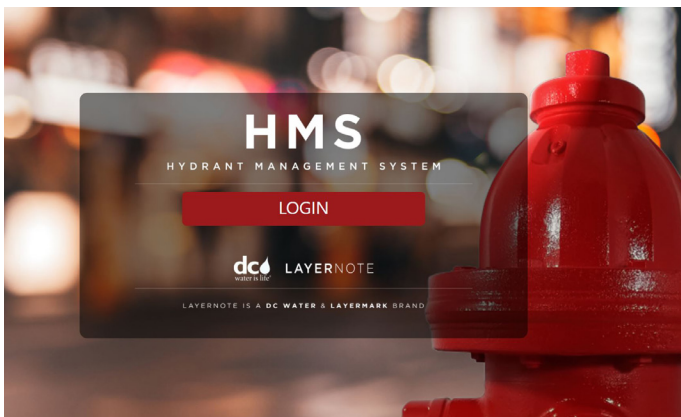
July:

Over the past eight months, the Information Technology Team has deployed mobile applications to five different operations groups, Hydrant, Valve, Catch Basin, Clean Rivers and the Distribution Maintenance Branch. The goal and benefits of the mobile applications are:

- Faster delivery of work orders to crew members.
- Streamline work order management through GIS map view.
- Eliminate manual, ineffective processes and implement a streamlined and integrated process enabling data-driven decisions.
- Minimize service disruptions and ensure data quality.
- Lower load on Maximo (reducing required server resources and costs).
- Maintainable, robust, and scalable (in number of users) architecture.

The following IT staff worked long hours, nights, and weekends to ensure these applications were deployed: **Dharanija Batchu, Durmus Cesar, Rami Suliman, Ruth Bai, Chad Rogers, Madhu Lanka, Siva Balasubramanian, Srinivas Turlapaty, Pradeep Kandukuri, and Manoj Sharma.**

Thank you to all the IT staff to make this possible as well as the multiple business units that assisted with the testing and acceptance of a way of working.



IT Monthly Report

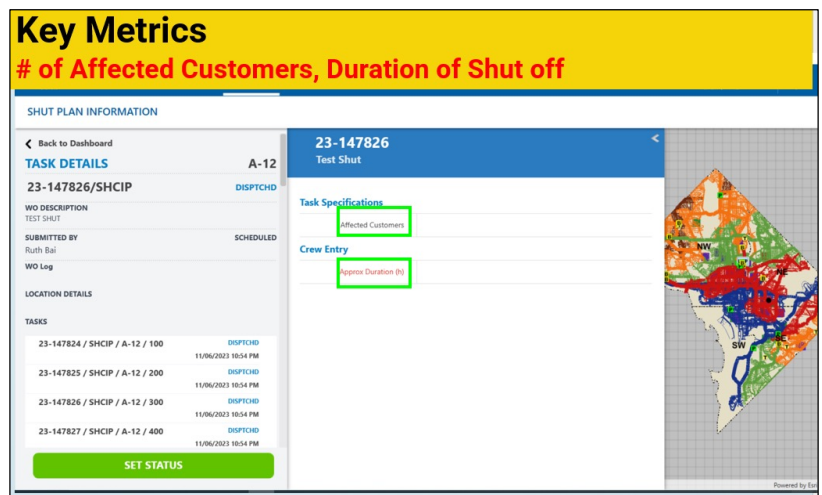
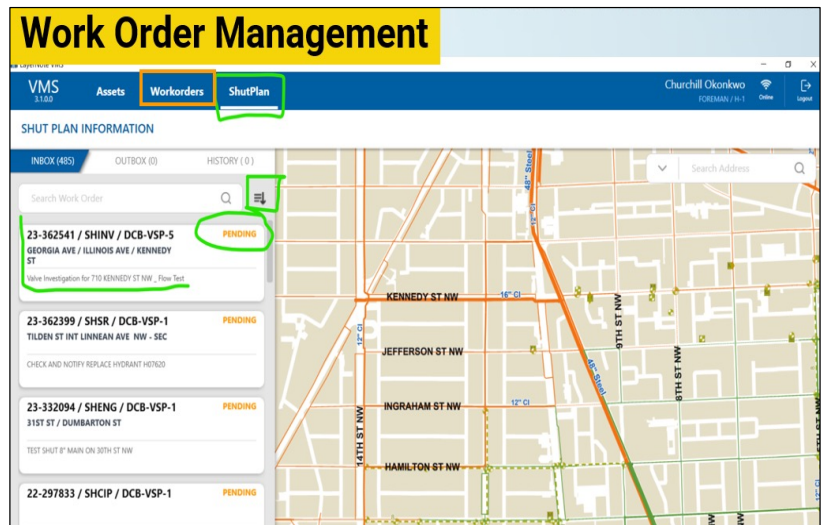
SR/WO Type	SL Target / SLA	May 23	June 23	July 23
Number of tickets submitted	Trend only	1162	938	919
Number of open tickets	Trend only	32	22	64
Helpdesk SLA	96%	99.25	99.2	99.3
Number of active projects	Trend only	21	20	18
Number of completed projects	Trend only	0	1	9
On schedule performance	90%	93.62	93.62	93.62
On budget performance	90%	97.92	97.92	97.92

Featured Projects of the Month – Water Operations

Water Operations recently deployed an innovative tool to digitize data collection, register tacit knowledge, and optimize operational processes through a Valve Management System that encompasses a Field Mobility Application (FMA), QA/QC, and Reporting Tool. Valve FMA is a service solution that addresses the specific needs of DC Water’s valve field team. With this application, Water Operations can capture real-time critical operational data including valve positions, defects, and valve conditions. In addition, the application will correct discrepancies between field conditions and asset management tools such as Maximo and GIS Viewer. The program also streamlines workflows and improves the efficiency of scheduling valve shut-off activities. Finally, the Valve application will use metrics obtained for diagnostics, preventive and prescriptive analysis, to allocate resources and optimize the cost-effectiveness of operations.

The functionalities in the Field Mobility Application (FMA) support the automation of the Air Valve Assessment and empowered the Distribution Control Branch (DCB) and the Linear Asset Management Branch (LAMB) of DC Water to streamline field operations resources. Also, the utilization of the FMA for the Air Valve assessment program gleans an accurate record of valve information (such as position, condition, and defects).

This process has tremendously enhanced field operations in accessing and updating valuable assets and demonstrates how DC Water taken advantage of opportunities afforded by digital transition to manage our aging water infrastructure, optimize operational processes, improve business practices, accelerate organizational transformation, and improve the resilience of the water distribution system. In addition, the process has reinforced two key priorities of DC Water’s Blueprint 2.0 - reliability and resilience to the water and wastewater industry.



Key Performance Indicators

Metric	Target/Service Level	April-23	May-23	June-23	July-23
Wastewater Operations					
NPDES Permit Compliance	100%	100%	100%	100%	100%
Air Permit Compliance	100%	100%	100%	100%	100%
Biosolids Class A	100%	100%	100%	100%	100%
Tunnel Dewatering	100%	100%	100%	100%	100%
Combined Heat and Power	>20%	29%	29%	29%	26%
Reactive Maintenance	<20%	27%	30%	32%	32%
Critical Asset Availability	>95%	97%	97%	96%	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	11571	13721	14717	22
* Inspection of catch basins in the CSO Anacostia tributary area at least twice per year (Jan 1- Dec 31)	11,400	1203	1203	1219	1356
* NPDES Permit to Clean and Inspect 85% of 10,700 CSS Area C/B (Jan 1- Dec 31)	9,095	141	163	220	973
Miles per month Sewer Cleaning and Inspection to meet 1,400 Miles of Small Diameter (<12 inches) in 10Yr Cycle	>12	27.39	22	16.43	10.63
Sewer Backup (Investigation to Resolution) Within 24 Hours Excluding Line Breaks	>95%	100%	100%	100%	100%
Number of SSO's	Report	1	4	3	4
SSO's to River	Report	0	0	0	1
SSO's per 100 miles of pipe (YTD) (AWWA 2021 Utility Benchmarking Report)	2	1.99	2.29	2.51	2.83
SSO's per 100 miles of pipe (Water Body) (YTD)	Information Only	0.23	.23	.23	.31
Combined Sewer System Overflows	0	0	0	0	1

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

Key Performance Indicators continued

Metric	Target/Service Level	Apr-23	May-23	June-23	July-23
Pumping Operations					
Firm Pumping Capacity Maintained	100%	100%	100%	100%	100%
Reactive Maintenance	<20%	7%	11%	12%	15%
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	20	21	12	18
Hydrant Flow Tests (Non-Winter Months)	>180	187	39	32	63
Fire Hydrant Operational Rate	99%	99.78%	99.70%	99.78%	99.78
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%	91.8%	88%	93%	92%
Water Main Breaks	<28/Month	23	33	21	27
Water Main Break Rate /100 Miles (National Average is 25)	25	26.47	26.7	26.84	27.50
% of Hydrant Leaks in inventory that are not leaking	>90%	99%	99%	99%	99%
Permit Operations					
Overall On-time completion of Permit Reviews	90%	94%	90%	92%	91%

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.

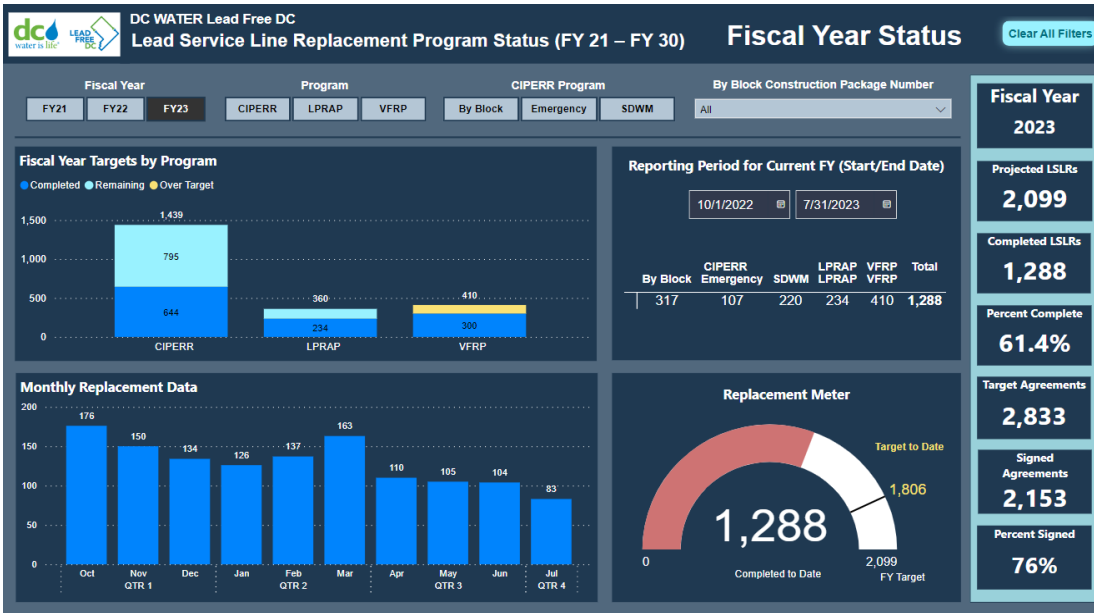
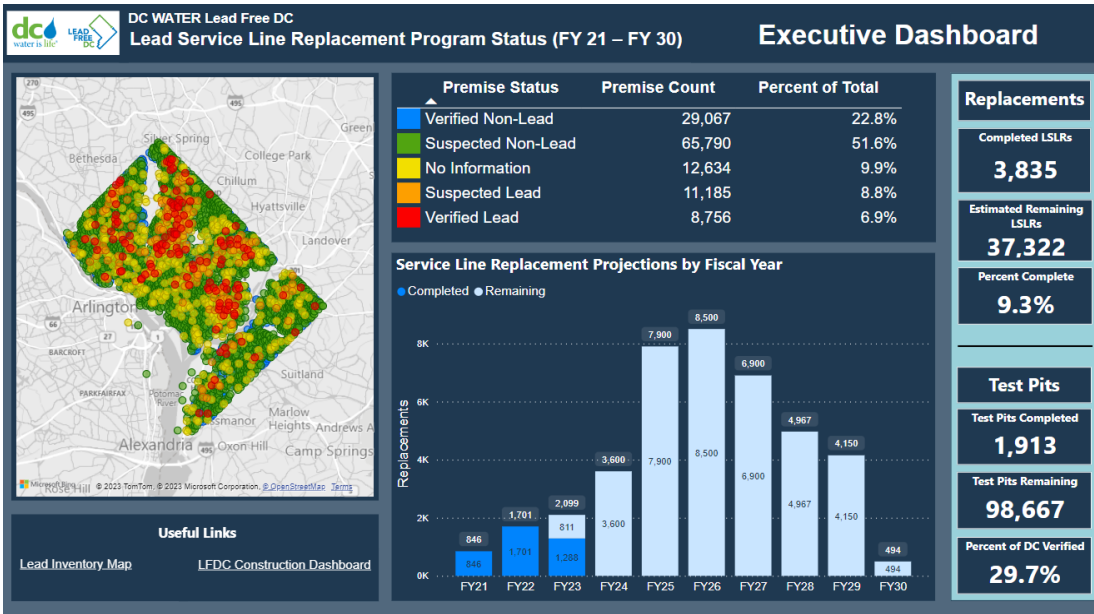
Hydrant Flow Tests (Non-Winter Months)

The department missed the target due to staffing availability and other emergencies.



DC Water Capital Improvement Program

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



- Sent all information requested by city council in the July 6, 2023 hearing. DC Water continues to provide suggested language for a reconciled bill that mandates the replacement of lead service lines. The City Council meetings will resume in mid-September.
- The Outreach Team completed the second pass of canvassing for Construction Packages 5-10 and obtained 52 percent of the required agreements prior to construction.
- The Outreach team will resume ANC presentations in September for Packages 7-17 for areas where construction work will start this fall as well as hosting follow up ANC meetings where construction work is active.

Northeast Boundary Tunnel

Work at Satellite sites continues with restoration activities. Continue with NEBT tunnel commissioning activities.

- Project is on track to be placed in operation in summer 2023 ahead of the Consent Decree deadline of March 23, 2025, within the CIP budget.



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.

	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		█												Report Complete
▶ Procurement Audit		█												Report Complete
▶ Payroll & Timekeeping Audit			█											Report Complete
▶ Metering, Billing and Collections Audit			█											Report Complete
▶ Penetration Testing Audit – External Network			█											Report Complete
▶ Oracle IT General Controls Assessment						█								Report Complete
▶ Oracle Identity & Access Mgmt Assessment						█								Report Complete
▶ Work Order Management Audit – DWO						█								Report Complete
▶ Business Continuity Assessment								█						Reporting in Progress
▶ Fleet Management Audit										█				Fieldwork in Progress
▶ FY 2024 Risk Assessment											█			Fieldwork in Progress
▶ Ongoing Follow-up Procedures	█													Ongoing
▶ Ongoing Hotline Monitoring	█													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>							

***Open Prior Audit Findings**

Audit Report / Subject	Issue Date	Open
Fleet Management Review	1/24/2019	1
Contract Compliance Audit	7/22/2021	1
		total 3

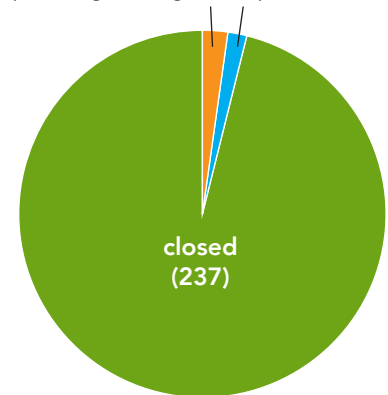
█ At least one original remediation target date has been extended

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 (6) open (2)



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

dc 



Summary of Resolutions and Contracts
300th Meeting of the DC Water Board of Directors
Thursday, September 7, 2023

Joint-Use Contracts

Resolution No. 23-43 Approval to Execute Contract No. DCFA #536-WSA, Program Management for CSO Long-Term Control Plan and Other Services, **Greeley and Hansen LLC**. The purpose of this contract is to provide program management services to assist DC Water in the continuing implementation of its Long-Term Control Plan (LTCP) to control combined sewer overflows (CSOs) to the Anacostia and Potomac Rivers and Rock Creek. The contract value is not-to-exceed \$103,416,990.00. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-44 Approval to Execute Memorandum of Understanding (MOU) Agreement for Long-Term Control Plan Well Permit Reviews between **District of Columbia Department of Energy and Environment** and DC Water. The purpose of this agreement is to provide additional funding for expedited permits from the District of Columbia Department of Energy and Environment for wells, instrumentation, dewatering, geotechnical investigations, and environmental investigations necessary to allow construction of the Clean Rivers Project from FY 2024 to FY 2031. The contract value is not-to-exceed \$1,620,000.00. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-45 - Approval to Execute Change Order No. 07 of Contract No. 200020, Emergency Sewer Main IR&R, **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 Washington, DC. The amount of this change order is \$10,000,000.00. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-46 - Approval to Execute Contract No. DCFA #539-WSA, Permit Support Services, **SZ PM Consultants, Inc.** The purpose of this contract is to retain the services of a qualified Architectural and Engineering firm to provide permitting services support during the planning and execution of Capital Improvement Projects. The amount of this contract is not-to-exceed \$5,300,000.00 for a base period of three years plus two renewal periods of one year each. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-47 - Approval to Award Contract No. 10399, Microsoft Enterprise Agreement License Renewal, **Dell Marketing LP**. The purpose of this contract is to purchase the annual Microsoft licenses and annual software maintenance (renewal) for various Microsoft Suite products used across DC Water. The amount of the contract is \$8,790,000.00 for a three-year period. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-48 - Approval to Exercise Option Year Two of Contract No. 10084, Sodium Hypochlorite, **Kuehne Chemical Co. Inc.** The purpose of this contract is to supply and deliver sodium hypochlorite which is used as disinfection and odor control. The amount of Option Year Two is \$6,500,000.00. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-49 - Approval to Execute Modification No. 12 of Contract No. WAS-13-018-AA-RA, Mass Communication Systems, **Everbridge**. The purpose of this contract is to provide ongoing critical mass communication emergency services for one year. The amount of Modification No. 12 is \$128,929.28. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-50 - Approval to Exercise Option Years Three and Four of Contract No. 20-PR-WWT-45A, High Pressure/High Vacuum Cleaning Services, **Jet Blast, Inc.** The purpose of this contract is to provide high pressure/high vacuum cleaning services to DC Water which is used to clean and maintain some critical equipment such as anaerobic digesters and influent headworks screens, and other equipment and structures where vigorous cleaning is required. Funding for Option Years Three and Four (October 1, 2023 through September 30, 2025) total \$1,600,000.00. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Non-Joint Use Contracts

Resolution No. 23-51 - Approval to Execute Contract No. 220160, Major Sewer Rehabilitation 1-5 Northeast Boundary, **Spiniello Companies**. The purpose of this contract is to rehabilitate portions of the Northeast Boundary Trunk Sewer, which will help prolong the life of the sewer/structures. The contract amount is not-to-exceed \$7,823,300.00. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Resolution No. 23-52 – Approval to Add Additional Funding to Contract No. 032223, Construction Inspection Refund Service, **AECOM Services of DC, LLC**. The purpose of this contract is to provide support to DC Water Permit Operations to process Construction Inspection Refunds. The total additional funding requested is \$435,000.00. (Recommended by the Environmental Quality and Operations Committee 07-20-23)

Presented and Approved: September 7, 2023

**SUBJECT: Approval to Execute Contract No. DCFA #536-WSA,
Program Management for CSO Long-Term Control Plan
and Other Services, Greeley and Hansen LLC**

**#23-43
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 joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Contract No. DCFA #536-WSA, Greeley and Hansen LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. DCFA #536-WSA, Greeley and Hansen LLC). The purpose of this contract is to provide program management services to assist DC Water in the continuing implementation of its Long-Term Control Plan (LTCP) to control combined sewer overflows (CSOs) to the Anacostia and Potomac Rivers and Rock Creek. The contract value is not-to-exceed \$103,416,990.00.

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

ENGINEERING SERVICES:

**Program Management for CSO Long-term Control Plan and Other Services
(Joint Use)**

Approval to execute an architectural and engineering services contract for \$103,416,990.00 for a base period of five years plus two periods of one year each. The renewal periods will be approved at DC Waters sole discretion pending acceptable performance.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Greeley and Hansen LLC 5301 Shawnee Road, Suite 400 Alexandria, VA 22312	DBE/WBE/CBE Eligible Amounts: Tunnel and Shared Services: \$94,633,679.00 DBE: \$ 26,497,431.00 WBE: \$ 3,785,349.00	
<u>Headquarters</u> Chicago, IL 60606	Green Infrastructure Services: \$ 8,783,311.00 CBE: \$ 4,391,656.00	28.0% 4.0%
	See Attachment A for list of DBE/WBE/CBE participants	50.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$103,416,990.00
 Contract Time: 1,827 Days (5 Years, 0 Months)
 No. of Option Years in Contract: 2
 Anticipated Contract Start Date: 10-01-2023
 Anticipated Contract Completion Date: 09-30-2028
 Other firms submitting proposals/qualification statements:

None

Purpose of the Contract:

To provide program management services to assist DC Water in the continuing implementation of its Long-term Control Plan (LTCP) to control combined sewer overflows (CSOs) to the Anacostia and Potomac Rivers and Rock Creek. The DC Clean Rivers (DCCR) Project is the organization responsible for managing the implementation of the LTCP.

This work is required by a Consent Decree.

Contract Scope:

Provide services relating to program management to ensure attainment of all Consent Decree milestones. These include program administration, hydraulic design, public and third-party outreach, environmental document preparation, regulatory assistance, property acquisition, agency coordination and permitting, risk management, cost estimating, budget, and financial planning, design, and construction oversight, and establishing preliminary design guidelines.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Professional Services	Contract Number:	DCFA #536-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	DC Clean Rivers Project
Service Area:	Combined Sewer Overflow	Department Head:	Moussa Wone
Project:	CY, CZ, DZ		

ESTIMATED USER SHARE INFORMATION

CY – Allocation (LTCP- Northeast Boundary Tunnel: CSO 019 to W Street)¹

User	Share %	Dollar Amount
District of Columbia	92.90%	\$ 432,439.93
Federal Funds ²	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	5.54%	\$ 25,788.13
Fairfax County	1.01%	\$ 4,701.45
Loudoun County & Potomac Interceptor	0.55%	\$ 2,560.19
Total Estimated Dollar Amount	100.00%	\$ 465,489.70

CY – Allocation (CAPM Northeast Boundary Tunnel: W Street to R Street)¹

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 524,913.92
Federal Funds ²	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	0.00%	\$ 0.00
Fairfax County	0.00%	\$ 0.00
Loudoun County & Potomac Interceptor	0.00%	\$ 0.00
Total Estimated Dollar Amount	100.00%	\$ 524,913.92

CZ – Allocation (LTCP – Potomac River Tunnel)¹

User	Share %	Dollar Amount
District of Columbia	92.90%	\$55,395,828.78
Federal Funds ²	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	5.54%	\$ 3,303,475.69
Fairfax County	1.01%	\$ 602,258.20
Loudoun County & Potomac Interceptor	0.55%	\$ 327,962.39
Total Estimated Dollar Amount	100.00%	\$59,629,525.06

CZ – Allocation (CAPM Potomac River Tunnel)¹

User	Share %	Dollar Amount
District of Columbia	100.00%	\$11,055,070.79
Federal Funds ²	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	0.00%	\$ 0.00
Fairfax County	0.00%	\$ 0.00
Loudoun County & Potomac Interceptor	0.00%	\$ 0.00
Total Estimated Dollar Amount	100.00%	\$11,055,070.79

DZ – Allocation (CAPM – Rock Creek Storage and Green Infrastructure)¹


User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 31,741,990.53
Federal Funds ²	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	0.00%	\$ 0.00
Fairfax County	0.00%	\$ 0.00
Loudoun County & Potomac Interceptor	0.00%	\$ 0.00
Total Estimated Dollar Amount	100.00%	\$ 31,741,990.53

Total Combined Allocation¹

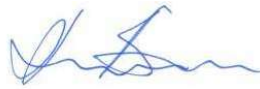
User	Share %	Dollar Amount
District of Columbia	95.87%	\$ 99,150,243.95
Federal Funds ²	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	3.22%	\$ 3,329,263.82
Fairfax County	0.59%	\$ 606,959.65
Loudoun County & Potomac Interceptor	0.32%	\$ 330,522.58
Total Estimated Dollar Amount	100.00%	\$103,416,990.00

- ¹ Allocations are approximate. Under the terms of the IMA, the capital cost of the CSO Long Term Control Plan is apportioned to the Jurisdictions based on the proportion of facilities determined to be Multi-Jurisdiction Use Facilities. As tasks are assigned for work associated with specific facilities, costs will be allocated accordingly.
- ² Eligible for Federal Appropriation Funding. Appropriation funding is insufficient to fund all eligible contracts. Federal Appropriations Funding may be used if additional funding becomes available or if other eligible projects are postponed.

Jeffrey F.
Thompson

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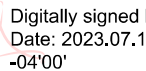
Jeffrey F. Thompson _____ Date
Chief Operating Officer, EVP



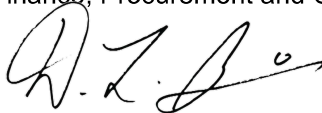
Digitally signed by Dan Bae
DN: C=US, E=dan.bae@dwater.com,
O=District of Columbia Water and Sewer
Authority, OU=VP of Procurement &
Compliance, CN=Dan Bae
Date: 2023.07.10 10:01:57 -04'00'

Dan Bae _____ Date
VP of Procurement

Lola Oyeyemi

 Digitally signed by Lola Oyeyemi
Date: 2023.07.11 12:02:32
-04'00'

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



David L. Gadis _____ 8/28/2023 Date
CEO and General Manager

ATTACHMENT A - SUBCONTRACTOR LISTING

PARTICIPATION AND DOLLAR AMOUNT

SUBCONSULTANT:		PARTICIPATION:	AMOUNT:
DBE/WBE Applicable to Tunnel and Shared Services:			
Delon Hampton & Associates Washington, DC 20001	DBE	7.05%	\$ 6,667,283.00
JCK Associates Boston, MA 02205	DBE	5.15%	\$ 4,876,723.00
Shrewsberry & Associates, LLC Indianapolis, IN 46256	DBE	4.01%	\$ 3,796,643.00
MNK Consultant Woodbridge, VA 22192	DBE	2.41%	\$ 2,280,251.00
PL Associates, Inc Washington, DC 20004	DBE, Note (1)	4.36%	\$ 4,126,945.00
Interagency Washington, DC 20003	DBE	2.02%	\$ 1,913,767.00
J-DOS Internationale Washington, DC 20011	DBE	1.39%	\$ 1,312,789.00
EBA Engineering Laurel, MD 20707	DBE, Note (1)	1.23%	\$ 1,160,079.00
E2CR, Inc Baltimore, MD 21227	DBE	<u>0.38%</u>	<u>\$ 362,951.00</u>
Subtotal DBE		28.00%	\$ 26,497,431.00
Mckissack & Mckissack Washington, DC 20001	WBE	1.40%	\$ 1,326,511.00
DP Consultants Washington, DC 20005	WBE	1.23%	\$ 1,160,185.00
LS Caldwell & Associates, Inc Washington, DC 20011	WBE	0.85%	\$ 801,492.00
Rice Associates, Inc Manassas, VA 20109	WBE	<u>0.53%</u>	<u>\$ 497,161.00</u>
Subtotal WBE		4.01%	\$ 3,785,349.00
CBE Applicable to GI-Dedicated Services:			
Delon Hampton & Associates Washington, DC 20001	CBE	22.62%	\$ 1,986,876.00
IDS Consulting, LLC Washington, DC 20026	CBE Note (1)	12.71%	\$ 1,116,239.00
Foxxstem Washington, DC 20003	CBE Note (1)	6.32%	\$ 554,833.00
Univ. of District of Columbia Washington, DC 20008	CBE	5.78%	\$ 507,671.00
Interagency Washington, DC 20003	CBE	1.58%	\$ 138,715.00
LS Caldwell & Associates, Inc Washington, DC 20011	CBE	<u>0.99%</u>	<u>\$ 87,322.00</u>
Subtotal CBE		50.00%	\$ 4,391,656.00

SUBCONSULTANT:		PARTICIPATION:	AMOUNT:
Non-DBE/WBE/CBE Subconsultants			
AECOM Arlington, VA	N/A	Note (2)	Note (2)
Delve Underground Seattle, WA 98104	N/A	Note (2)	Note (2)
FusionTek Kirkland, WA 98103	N/A	Note (2)	Note (2)
G&H Architects Chicago, IL 60606	N/A	Note (2)	Note (2)
Hazen & Sawyer Fairfax, VA	N/A	Note (2)	Note (2)
Infrastructure Project Services Vienna, VA	N/A	Note (2)	Note (2)
Johnson, Miriam & Thompson Hunt Valley, MD	N/A	Note (2)	Note (2)
Limno-Tech, Inc Washington, DC	N/A	Note (2)	Note (2)
Pini Group USA, Inc Washington, DC 20002	N/A Note 1	Note (2)	Note (2)
Stantec Consulting Laurel, MD	N/A	Note (2)	Note (2)

Notes:

- (1) New firm added to Clean Rivers Program Management Team
- (2) The level of participation is dependent on the nature of services required to implement the project

Presented and Approved: September 7, 2023

SUBJECT: Approval to Execute Memorandum of Understanding (MOU) Agreement for Long-Term Control Plan Well Permit Reviews between District of Columbia Department of Energy and Environment and DC Water

**#23-44
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 joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of the Memorandum of Understanding (MOU) Agreement for the Long-Term Control Plan Well Permit Reviews between District of Columbia Department of Energy and Environment and DC Water.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute the Memorandum of Understanding (MOU) Agreement for the Long-Term Control Plan Well Permit Reviews between District of Columbia Department of Energy and Environment and DC Water. The purpose of this agreement is to provide additional funding for expedited permits from the District of Columbia Department of Energy and Environment for wells, instrumentation, dewatering, geotechnical investigations, and environmental investigations necessary to allow construction of the Clean Rivers Project from FY 2024 to FY 2031. The contract value is not-to-exceed \$1,620,000.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**MEMORANDUM OF UNDERSTANDING AGREEMENT:
Long Term Control Plan Well Permit Reviews
(Joint Use)**

Approval of additional funding for the executed Memorandum of Understanding (MOU) between the District of Columbia Department of Energy and Environment and DC Water for \$1,620,000.00. The funding request exceeds the General Manager's approval authority.

PARTY INFORMATION

PARTY: District of Columbia Department of Energy and Environment 1200 First Street, NW Washington, DC 20002	SUBS: Not Applicable	PARTICIPATION: Not Applicable
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DESCRIPTION AND PURPOSE

MOU Value Paid FY2015-FY2023	\$ 977,688.64
MOU Value FY2024 to FY2031, Not-To-Exceed:	\$1,620,000.00
MOU Time:	5,626 Days (15 Years, 5 Months)
MOU Start Date:	08-06-2015
Anticipated MOU Completion Date:	12-31-2030

Purpose of the MOU:

To provide for expedited permits from the District Department of Energy and Environment for wells, instrumentation, dewatering, geotechnical investigations and environmental investigations necessary to allow construction of the Clean Rivers Project. Definitive timelines and expediting of permits are required to meet aggressive deadlines in the Consent Decree

This work is required by a Consent Decree.

MOU Scope:

- From FY2024 to FY2031, the MOU specifies timelines for DOEE to issue permits for well permit reviews allowing construction to proceed. Estimated costs for FY2024 to FY2031 are \$1,620,000.00.
- From FY2015 to FY2023, the MOU provided for expediting permits for projects on the Anacostia River, Potomac River and Rock Creek. Total costs for FY2015 to FY2023 have been \$977,688.64.

Federal Grant Status:

- Work under this MOU is not eligible for Federal grant funding assistance.

AGREEMENT INFORMATION

Contract Type:	MOU	Award Based On:	N/A
Commodity:	Construction	Contract Number:	N/A

BUDGET INFORMATION

Funding:	Capital	Department:	Clean Rivers
Service Area:	Combined Sewer Overflow	Department Head:	Moussa Wone
Project:	CY		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	94.91%	\$1,537,542.00
Federal Funds ¹	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	3.97%	\$ 64,314.00
Fairfax County	0.71%	\$ 11,502.00
Loudoun County & Potomac Interceptor	0.41%	\$ 6,642.00
Total Estimated Dollar Amount	100.00%	\$1,620,000.00

¹ Eligible for Federal Appropriation Funding. Appropriation funding is insufficient to fund all eligible contracts. Federal Appropriations Funding may be used if additional funding becomes available or if other eligible projects are postponed.

Jeffrey F. Thompson

Digitally signed by Jeffrey F. Thompson
Date: 2023.07.07 15:51:05 -04'00'

Jeffrey F. Thompson
Chief Operating Officer, EVP



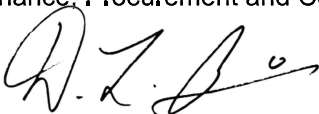
Digitally signed by Dan Bae
DN: C=US, E=dan.bae@dcwater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
Date: 2023.07.10 07:48:11-04'00'

Dan Bae
VP of Procurement

Lola Oyeyemi

Digitally signed by Lola Oyeyemi
Date: 2023.07.10 17:13:04 -04'00'

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



8/28/2023

David L. Gadis
CEO and General Manager

Presented and Approved: September 7, 2023

SUBJECT: Approval to Execute Change Order No. 07 of Contract No. 200020, Emergency Sewer Main IR&R, Spiniello Companies

**#23-45
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 joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Change Order No. 07 of Contract No. 200020, Spiniello Companies.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Change Order No. 07 of Contract No. 200020, 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 Washington, DC. The amount of this change order is \$10,000,000.00.

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

CONSTRUCTION CONTRACT CHANGE ORDER:

**Emergency Sewer Main IR&R Contract for FY21–FY23
(Joint Use)**

Approval to execute Change Order No. 07 for \$10,000,000. 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	United Construction Services, LLC Washington, DC	DBE 7.0%
	Bulldog Distribution Trucking, LLC Beltsville, MD	DBE 16.5%
	Empire Landscape, LLC Silver Spring, MD	DBE 4.2%
	Arthur Engineering Services, LLC Laurel, MD	DBE 4.3%
	RAM Olney, MD	WBE 6.0%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$16,011,710
Value of this Change Order:	\$10,000,000
Cumulative CO Value, including this CO:	\$25,450,000
Current Contract Value, including this CO:	\$41,461,710
Original Contract Time:	1096 Days (3 Years, 0 Months)
Time extension, this CO:	262 Days
Total CO contract time extension:	262 Days (0 Years, 8 Months)
Contract Start Date (NTP):	11-12-2020
Anticipated Contract Completion Date:	07-31-2024
Cumulative CO % of Original Contract:	159%
Contract Completion %:	60%

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 will award an Indefinite Delivery and Indefinite Quantity (IDIQ) contract to the selected contractor. As emergency or urgent work is identified, DC Water Sewer Operations will develop scopes of work, negotiate costs using pre-established pricing, and issue task orders to the contractor. Joint-use cost share amounts will be determined, communicated, and billed per existing joint-use procedures. Typical task order scopes may include:

- Emergency or Scheduled Rehab and Replacement of Sewer & Infrastructure
- Cleaning & CCTV Inspection of Sewer Main
- Sewer Bypass Pumping

Previous Change Order Scope:

To support the start of DC Water’s Lead-Free DC (LFDC) Program which will replace all lead service lines in the District by 2030. The change order of this contract provided 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 sides. Funding for the private side replacement is contingent upon funds to be appropriated in the District's budget and transferred to DC Water through a future Memorandum of Understanding. DC Water will reimburse itself for costs incurred on the private side.

Current Change Order Scope:

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 is split into two phases. Phase 1 is stabilizing of the structure and constructing a gravity diversion structure. Phase 2 is rehabilitation of the two relief sewers using reinforced geopolymer application.

This change order is only for Phase 1 of the work and the scope of work includes:

- Securing the area from vehicular and human traffic.
- Vacuum excavation of the overburden to the top of the two relief sewers.
- Remove the top slab of the first 75-ft of the two relief sewers.
Construct open channel flow diversion using sheet piling.

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%	\$ 3,937,000.00
Washington Suburban Sanitary Commission	44.78%	\$ 4,478,000.00
Fairfax County	11.95%	\$ 1,195,000.00
Loudoun County & Potomac Interceptor	3.90%	\$ 390,000.00
Total Estimated Dollar Amount	100.00%	\$ 10,000,000.00

Jeffrey F. Thompson
 Digitally signed by Jeffrey F. Thompson
 Date: 2023.07.07 15:50:27 -04'00'

 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP


 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dowater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
 Date: 2023.07.10 07:47:27 -04'00'

 Dan Bae Date
 VP of Procurement

Lola Oyeyemi
 Digitally signed by Lola Oyeyemi
 Date: 2023.07.12 10:34:07 -04'00'

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



 David L. Gadis Date
 CEO and General Manager

8/28/2023

Presented and Approved: September 7, 2023

SUBJECT: Approval to Execute Contract No. DCFA #539-WSA, Permit Support Services, SZ PM Consultants, Inc.

**#23-46
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 joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Contract No. DCFA #539-WSA, SZ PM Consultants, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. DCFA #539-WSA, SZ PM Consultants, Inc. The purpose of this contract is to retain the services of a qualified Architectural and Engineering firm to provide permitting services support during the planning and execution of Capital Improvement Projects. The amount of this contract is not-to-exceed \$5,300,000.00 for a base period of three years plus two renewal periods of one year each.

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

ENGINEERING SERVICES:

**Permit Support Services
Joint Use**

Approval to execute an architectural and engineering services contract not to exceed \$5,300,000.00 for a base period of three years plus two renewal periods of one year each. The renewal periods will be approved at DC Water's sole discretion pending acceptable performance.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
SZ PM Consultants, Inc 1730 Rhode Island Ave, NW Suite 602 Washington, DC 20036 WBE	Hayat Brown, LLC Washington, DC DBE RK&K Washington, DC Non-DBE/WBE	20.0% 20.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$5,300,000
 Contract Time: 1,095 Days (5 Years, 0 Months)
 No. of Option Years in Contract: 2
 Anticipated Contract Start Date: 10-17-2023
 Anticipated Contract Completion Date: 10-16-2028
 Other firms submitting proposals/qualification statements:
 ART Engineering, LLC
 Interagency, Inc.
 Ramboll Engineering, P.C.

Purpose of the Contract:

To retain the services of a qualified Architectural and Engineering (A-E) firm to provide permitting services support during the planning and execution of Capital Improvement Projects. This is planned to be achieved by

- Providing personnel who have the expertise needed to secure permits with National Park Services, DDOT, DOEE and other agencies.
- Tracking, maintaining permit documents and assuring permits being managed do not expire prematurely.
- Assisting DC Water with obtaining access agreements with property owners.

Contract Scope

The work consists of the following:

- Provide technical support pertaining to permitting such as National Environmental Policy Act Permitting, Section 401 and Section 404 Permitting, Cultural Resources, etc. and others.

- Permitting and coordination with District Department of Transportation (DDOT), Department of Buildings (DOB), Department of Energy and the Environment (DOEE) and National Park Services (NPS).
- Environmental permitting and coordination.
- Process data requests from District and other agencies.
- Planning and design document reviews from DDOT, Washington Gas and others
- Documentation and record keeping
- Additional tasks necessary to advance and/or improve permitting, coordination, and document reviews.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Design Services	Contract Number:	DCFA #539-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION


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

***ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 5,300,000.00
Federal Funds	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$ 5,300,00.00

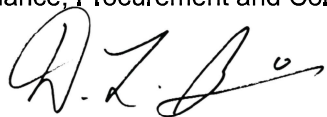
* Under the terms of the IMA, the capital costs associated with each joint facility are to be split among the users. It is anticipated that as projects are developed under individual Task Plans for work associated with specific facilities and costs are developed, the individual users will be notified and billed accordingly.

Jeffrey F. Thompson
 Digitally signed by Jeffrey F. Thompson
 Date: 2023.07.07 15:49:51 -04'00'
 Jeffrey F. Thompson _____ Date
 Chief Operating Officer, EVP


 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@wwater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
 Date: 2023.07.10 07:47:13-04'00'
 Dan Bae _____ Date
 VP of Procurement

Lola Oyeyemi
 Digitally signed by Lola Oyeyemi
 Date: 2023.07.10 17:18:28 -04'00'

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


 8/28/2023
 David L. Gadis _____ Date
 CEO and General Manager

Presented and Approved: September 7, 2023

**SUBJECT: Approval to Award Contract No. 10399, Microsoft
Enterprise Agreement License Renewal, Dell Marketing LP**

**#23-47
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the Award of Contract No. 10399, Dell Marketing LP.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute the Award of Contract No. 10399, Dell Marketing LP. The purpose of this contract is to purchase the annual Microsoft licenses and annual software maintenance (renewal) for various Microsoft Suite products used across DC Water. The amount of the contract is \$8,790,000.00 for a three-year period.

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 PURCHASE ORDER AWARD

**Microsoft Enterprise Agreement License Renewal
(Joint Use)**

Requesting approval to award and fund a contract for renewal of Microsoft Enterprise Licenses for three years in the amount of \$8,790,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Dell Marketing LP One Dell Way Round Rock TX 78680	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Total Contract Value:	\$8,790,000.00
Original Contract Dates:	10-01-2023 – 09-30-2026
No. of Option Years in Contract:	0
Proposals received:	3
Proposal Range:	\$8,528,225.00 - \$8,738,376.00

Purpose and Scope of the Contract:

Purchase of annual Microsoft licenses and annual software maintenance (renewal). Various Microsoft Suite products are used throughout the District of Columbia Water and Sewer Authority.

The forecasted amount of \$8,790,000.00 includes a 3% contingency, the estimated amount per year is \$2,842,742.00. The renewal allows for software licenses and Microsoft Suite products to be purchased for the next three-year period. The Microsoft Agreement of Understanding include tools such as Microsoft Office, Teams, Visio, SQL Server, Azure, Power BI, Project, among others. The actual contract amount will be awarded annually via issuance of a Purchase Order.

The procurement method utilized was an RFQ (Request for Quotation) limited to Certified Microsoft Gold Partners, which is DC Water's minimum required qualification to support our Microsoft environment. Three proposals were received. Award is based on the lowest price and minimally acceptable Microsoft partnership level.

Presented and Approved: September 7, 2023

SUBJECT: Approval to Exercise Option Year Two of Contract No. 10084, Sodium Hypochlorite, Kuehne Chemical Co. Inc.

**#23-48
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on September 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 Two of Contract No 10084, Kuehne Chemical Co. inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to exercise Option Year Two of Contract No. 10084, Keuhne Chemical Co. Inc. The purpose of this contract is to supply and deliver sodium hypochlorite which is used as disinfection and odor control. The amount of Option Year Two is \$6,500,000.00.

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

SODIUM HYPOCHLORITE

(Joint Use)

This contract action is to exercise option year 2 in the amount of \$6,500,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Kuehne Chemical Co. Inc. 86 N. Hackensack Ave. S. Kearny, NJ 07032	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Year – Option Year 2 Value:	\$11,260,000.00
Base Year – Option Year 2 Dates:	10-01-2021 – 09-30-2024
Option Year 2 Additional Value:	\$6,500,000.00
Option Year 2 Dates:	10-01-2023 – 09-30-2024

Purpose of the Contract:

To supply and deliver sodium hypochlorite. The sodium hypochlorite is used as disinfection and odor control.

Contract Scope:

DC Water has an on-going need for sodium hypochlorite. At the Blue Plains Advanced Wastewater Treatment Facility, it is primarily used for outfall disinfection, but also to control biological growth on multimedia filters, and for odor control in the scrubbers.

DC Water Board of Directors approved \$11,260,000 for the Base and two, one-year options. Start of the OY1, Sodium hypochlorite price was increased from \$0.727 to \$1.31 (80%) contributing to fast depleting approved funds.

This is the last option year for the contract, DC Water will initiate new sodium hypochlorite solicitation to replace the current contract.

Spending Previous Year:

Cumulative Contract Value:	10-01-2021 to 09-30-2024: \$11,260,000.00
Cumulative Contract Spending:	10-01-2021 to 06-01-2023: \$8,319,555.00

Contractor's Past Performance:

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

PROCUREMENT INFORMATION


Contract Type:	Goods and Services	Award Based On:	Best Value and Price
Commodity:	Sodium Hypochlorite	Contract Number:	10084
Contractor Market:	Open Market with DBE/WBE		

BUDGET INFORMATION


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

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	43.08%	\$2,800,200.00
Washington Suburban Sanitary Commission	41.90%	\$2,723,500.00
Fairfax County	9.60%	\$624,000.00
Loudoun Water	4.71%	\$306,150.00
Other (PI)	0.71%	\$46,150.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$6,500,000.00

 8/2/2023

 Nicholas Passarelli Date
 VP of Wastewater Operations

 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dowater.com,
 O=District of Columbia Water and
 Sewer Authority, OU=VP of
 Procurement & Compliance, CN=Dan
 Bae
 Date: 2023.07.03 13:46:23-0400'

 Dan Bae Date
 VP of Procurement

Matthew T. Brown Digitally signed by Matthew
 T. Brown
 Date: 2023.07.07 12:48:43
 -04'00'

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

 8/28/2023

 David L. Gadis Date
 CEO and General Manager

Presented and Approved: September 7, 2023

SUBJECT: Approval to Execute Modification No.12 of Contract No. WAS-13-018-AA-RA, Mass Communication Systems, Everbridge

**#23-49
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Modification No. 12 of Contract No. WAS-13-018-AA-RA, Everbridge.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Modification No. 12 of Contract No. WAS-13-018-AA-RA, Everbridge. The purpose of this contract is to provide ongoing critical mass communication emergency services for one year. The amount of Modification No. 12 is \$128,929.28.

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 EXTENSION

Mass Communication Systems

(Joint Use)

Approval to extend Critical Mass Communication Services contract for one year in the amount of \$128,929.28

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Everbridge 155 North Lake Ave. Suite 900 Pasadena, CA 91101	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$13,585.00
Original Contract Date:	10-07-2013 – 10-06-2014
Prior Modifications 1- 11:	\$932,416.16
Prior Modification Dates:	10-07-2014 – 10-06-2023
Modification 12 Value:	\$128,929.28
Modification 12 Dates:	10-07-2023 – 10-06-2024

Purpose of the Request:

DC Water’s Information Technology Enterprise Solutions Department requires ongoing Critical Mass Communication Emergency Services from Everbridge for one year.

Contract Scope:

Everbridge provides critical mass communication during emergencies. This includes alert notification management in a communication one-stop platform with the capability to reach, through multiple forms of communication, customers , employees, contractors, and visitors, during emergencies within the District and DC Water facilities.

Spending Previous Year:

Cumulative Contract Value:	10-07-2013 to 10-06-2023: \$946,001.16
Cumulative Contract Spending:	10-07-2013 to 04-30-2023: \$946,001.16

Contractor’s Past Performance:

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

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	Award Based On:	Highest Rated Offeror
Commodity:	Service	Contract Number:	WAS-13-018-AA-RA
Contractor Market:			


BUDGET INFORMATION

Funding:	Operating	Department:	Information Technology
Service Area:	DC Water	Department Head:	Thomas Kuczynski


ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	71.19%	\$91,784.75
Washington Suburban Sanitary Commission	21.21%	\$27,345.90
Fairfax County	4.86%	\$6,265.96
Loudoun County	2.38%	\$3,068.52
Potomac Interceptor	0.36%	\$464.15
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$128,929.28

Thomas L.
Kuczynski


 Digitally signed by Thomas L. Kuczynski
Date: 2023.07.12 11:06:36 -04'00'

Thomas Kuczynski _____ Date
VP of Information Technology

 Digitally signed by Dan Bae
DN: C=US, E=dan.bae@dowater.com,
O=District of Columbia Water and
Sewer Authority, OU=VP of
Procurement & Compliance, CN=Dan
Bae
Date: 2023.07.12 13:19:24 04'00'

Dan Bae _____ Date
VP of Procurement

Lola Oyeyemi

 Digitally signed by Lola
Oyeyemi
Date: 2023.07.12 16:38:37
-04'00'

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



David L. Gadis _____ Date
CEO and General Manager

8/28/2023

Presented and Approved: September 7, 2023
SUBJECT: Approval to Exercise Option Years Three and Four of
Contract No. 20-PR-WWT-45A, High Pressure/High
Vacuum Cleaning Services, Jet Blast, Inc.

#23-50
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 7, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve execution of Option Years Three and Four of Contract No. 20-PR-WWT-45A, Jet Blast, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to Exercise Option Years Three and Four of Contract No. 20-PR-WWT-45A, Jet Blast, Inc. The purpose of this contract is to provide high pressure/high vacuum cleaning services to DC Water which is used to clean and maintain some critical equipment such as anaerobic digesters and influent headworks screens, and other equipment and structures where vigorous cleaning is required. Funding for Option Years Three and Four (October 1, 2023 through September 30, 2025) total \$1,600,000.00.

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
High Pressure/High Vacuum Cleaning services
(Joint Use)**

Approval to add funding for Option Year 3 and Option Year 4 for continued High Pressure/High Vacuum Cleaning Services in the amount of \$1,600,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

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

Base Period Contract Value:	\$322,225.00
Base Period Contract Dates:	10-01-2020 - 09-30-2023
No. of Option Years in Current Contract:	4
Option Year 1-2 Value:	\$1,256,775.00
Option Year 1-2 Dates:	10-01-2021 - 09-30-2023
Add funding for OY 3 & OY 4 (This request):	\$1,600,000.00
Option Year 3 & 4 Dates:	10-01-2023 – 09-30-2025

Purpose of Request:

This request is to fund the final two option years of the contract.

Purpose of the Contract:

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

Scope of the Contract:

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

Spending Previous Year:

Cumulative Contract Value:	10-01-2020 – 09-30-2023: \$1,579,000.00
Cumulative Contract Spending:	10-01-2020 – 06-30-2023: \$1,538,125.00

Contractor's Past Performance:

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

PROCUREMENT INFORMATION


Contract Type:	Fixed Price	Award Based On:	Best Value
Commodity:	High Pressure/ High Vacuum Cleaning Service	Contract Number:	20-PR-WWT-45A
Project Area:	Blue Plains		

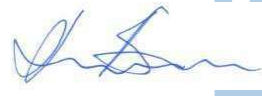
BUDGET INFORMATION

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

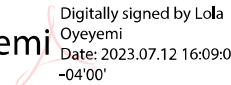
ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	43.08%	\$683,280.00
Washington Suburban Sanitary Commission	41.90%	\$670,400.00
Fairfax County	9.60%	\$153,600.00
Loudoun Water	4.71%	\$75,360.00
Other (PI)	0.71%	\$11,360.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,600,000.00



_____/ 07/12/2023
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: 2023.07.12 12:37:36-04'00'

Dan Bae
VP of Procurement
Date


Digitally signed by Lola
Oyeyemi
Date: 2023.07.12 16:09:04
-04'00'

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


_____/ 8/28/2023
Date
David L. Gadis
CEO and General Manager

Presented and Approved: September 7, 2023
SUBJECT: Approval to Execute Contract No. 220160, Major Sewer Rehabilitation 1-5 Northeast Boundary, Spiniello Companies

#23-51
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 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. 220160, Spiniello Companies.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 220160, Spiniello Companies. The purpose of this contract is to rehabilitate portions of the Northeast Boundary Trunk Sewer, which will help prolong the life of the sewer/structures. The contract amount is not-to-exceed \$7,823,300.00.

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

CONSTRUCTION CONTRACT:

**Major Sewer Rehabilitation 1-5 Northeast Boundary
Non-Joint Use**

Approval to execute a construction contract for \$7,823,300.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Spiniello Companies 354 Eisenhower Parkway Livingston, NJ 07039	Shekinah Group, LLC New Brunswick, NJ	DBE 17.0%
	GML, LLC Jessup, MD	DBE 2.0%
	RAM Construction, Inc. Olney, MD	WBE 6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$7,823,300.00
Contract Time:	560 Days (1 Year, 6 Months)
Anticipated Contract Start Date (NTP):	11-01-2023
Anticipated Contract Completion Date:	05-14-2025
Bid Opening Date:	05-25-2023
Bids Received:	2
Other Bids Received	
SAK Construction, LLC	\$ 10,434,500.00

Evaluation Bid Amount: \$7,823,300.00

Purpose of the Contract:

To rehabilitate portion of the Northeast Boundary Trunk Sewer, this project will help prolong the life of the sewer/structures. The work involved in this project will largely be executed by using trenchless methods.

Contract Scope:

- Structural rehabilitation using Geopolymer Lining System (GLS) for approximately nine hundred (900) linear feet of 22-foot circular and three hundred and seventy (370) linear feet of 6-foot by 9-foot combined sewer pipes with associated internal point rehab and lateral/pipe reinstatements.
- Structural rehabilitation using Geopolymer Lining System (GLS) on five (5) sewer manholes/structures.
- Internal sewer flow control, pipe cleaning, inspection, and erosion and sediment control of project site.

Federal Grant Status:

This construction contract change is not eligible for Federal grant funding.

PROCUREMENT INFORMATION

Contract Type:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	220160
Contractor Market:	Open Market		


BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Sanitary	Department Head:	William Elledge
Project:	RC		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 7,823,300.00
Federal Funds	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$ 7,823,300.00

Jeffrey F. Thompson
 Digitally signed by Jeffrey F. Thompson
 Date: 2023.07.07 15:48:33 -04'00' / _____
 Jeffrey F. Thompson Date
 Chief Operating Officer, EVP


 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dowater.com, O=District of Columbia Water and Sewer Authority, OU=VP of Procurement & Compliance, CN=Dan Bae
 Date: 2023.07.10 07:46:35-04'00' / _____
 Dan Bae Date
 VP of Procurement

Lola Oyeyemi
 Digitally signed by Lola Oyeyemi
 Date: 2023.07.10 17:21:57 -04'00' / _____
 for Matthew T. Brown Date
 CFO and EVP
 Finance, Procurement and Compliance Cluster


 _____ / 8/28/2023
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: September 7, 2023

SUBJECT: Approval to Add Additional Funding to Contract No. 032223, Construction Inspection Refund Service, AECOM Services of DC, LLC

**#23-52
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on September 7, 2023 upon consideration of a non-joint use matter, decided by a vote of ____ () In favor and ____ () opposed to approve additional funding for Contract No. 032223, AECOM Services of DC, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Additional Funding for Contract No. 032223, AECOM Services of DC, LLC. The purpose of this contract is to provide support to DC Water Permit Operations to process Construction Inspection Refunds. The total additional funding requested is \$435,000.00.

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

**Construction Inspection Refund Service
(Non-Joint Use)**

Approval to add \$435,000 to the Construction Inspection Refund Service contract for anticipated change orders.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: AECOM Services of DC, LLC 3101 Wilson Blvd. Arlington, VA 22201	SUBS: PL Associates (DBE) SZ PM Consultants, Inc. (WBE)	PARTICIPATION: 35.65% 14.80%
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$965,000.00
Base-Term of Contract:	07-17-2023 – 02-06-2024
No. of Option Years in Contract:	0
This Request Value	\$435,000.00
This Request Dates	07-17-2023 – 02-06-2024

Purpose of the Contract:

The purpose of this contract is to provide support to DC Water Permit Operations to process Construction Inspection Refunds.

Contract Scope and Purpose of This Request:

DC Water selected AECOM to provide the Construction Inspection Refund Service to process refund backlogs in 6 months. AECOM will provide qualified resources to perform project management, document control, and document management to process and track refund applications for payment. The initial contract scope includes 7 resources from AECOM as the best approach to start the service and adjust, when necessary, rather than starting with a larger team. There are many dependencies and unknowns in this project, and therefore, we are requesting to add the allowance of \$435,000.00 to quickly address changing needs which will be essential to completing the scope within the 6 months goal.

PROCUREMENT INFORMATION

Contract Type:	Firm Fixed Price	Award Based On:	Best Value
Commodity:	Professional Service	Contract Number:	032223
Contractor Market:	Open Market with DBE/WBE goals		

BUDGET INFORMATION

Funding:	Operating	Department:	Permit Operations
Project Area:	District of Columbia	Department Head:	Ogechi Okpechi

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	100.00%	\$435,000.00
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun Water	0.00%	\$0.00
Other (PI)	0.00%	\$0.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$435,000.00

Jeffrey F. Thompson Digitally signed by Jeffrey F. Thompson
 Date: 2023.07.07 16:36:37 -04'00'

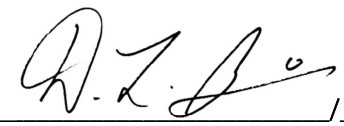
Jeffrey F. Thompson Date
 Chief Operating Officer, EVP

 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: 2023.07.07 16:41:04 -04'00'

Dan Bae Date
 VP of Procurement

Lola Oyeyemi Digitally signed by Lola Oyeyemi
 Date: 2023.07.13 12:28:08 -04'00'

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

 8/28/2023
 Date
 David L. Gadis
 General Manager and CEO