



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
263rd MEETING OF THE BOARD OF DIRECTORS**

Thursday, March 5, 2020

9:30 a.m.

Headquarters

1385 Canal Street, SE

2nd Floor-Board Room

- I. **Call to Order (Chairman Tommy Wells)**
- II. **Roll Call (Linda Manley, Board Secretary)**
- III. **Approval of February 6, 2020 Meeting Minutes**
- IV. **Chairman's Overview**
- V. **Committee Reports**
 1. [Environmental Quality and Operations Committee](#) (Howard Gibbs)
 2. [Finance and Budget Committee](#) (Major Riddick)
 3. [DC Retail Water and Sewer Rates Committee](#) (Rachna Bhatt)
- VI. **Issues of General Interest**
- VII. **[CEO/General Manager's Report](#) (David Gadis)**
- VIII. **[Contract Summary](#) (FYI)**
- IX. **Consent Items (Joint Use)**
 1. [Approval to Execute Option Year Seven of Contract No. WAS-12-063-AA-RA, Allied Universal Security Services – Resolution No. 20-11](#) (Recommended by the Environmental Quality and Operations Committee 02/20/20)
 2. [Approval to add Funding to Contract No. 18-PR-DMS-49, M.C. Dean, Inc. – Resolution No. 20-12](#) (Recommended by the Environmental Quality and Operations Committee 02/20/20)
 3. [Approval to Exercise Option Year Two \(2\) of Contract No. 17-PR-CFO-42AA,AB,AC,AD,AE, IBS Management & Consultancy Services, Mb Staffing Services, SOA Financial, SPS Consulting, VTech Solution, Inc. – Resolution No. 20-13](#) (Recommended by the Finance and Budget Committee 02/25/20)
 4. [Approval of Proposed Fiscal Year 2021 Operating Budget – Resolution No. 20-14](#) (Recommended by the Finance and Budget Committee 02/25/20)

5. [Approval of Proposed Fiscal Year 2020 – 2029 Capital Improvement Program – Resolution No. 20-15](#) (Recommended by the Environmental Quality and Operations Committee 02/20/20 and Finance and Budget Committee 02/25/20)
6. [Approval of Fiscal Year 2020 – 2029 Ten Year Financial Plan – Resolution No. 20-16](#) (Recommended by the Finance and Budget Committee 02/25/20)
7. [Approval of FY 2020 – 2021 Intent to Reimburse Capital Expenditures with Proceeds of a Borrowing – Resolution No. 20-17](#) (Recommended by the Finance and Budget Committee 02/25/20)
8. [Approval to Increase the General Manager's Authority for Abatement of Charges – Resolution No. 20-18](#)(Recommended by the DC Retail Water and Sewer Rates Committee 02/25/20)

X. Consent Item (Non-Joint Use)

1. [Approval of Proposed Fiscal Year 2021 and 2022 Metered Water and Sewer Service Rates, Right-of-Way \(ROW\), Payment-in-Lieu of Taxes \(PILOT\) Fee, Customer Metering Fees, Clean Rivers Impervious Area Charge \(CRIAC\), CAP CRIAC Discount and Amendments to CAP2 Regulations– Resolution No. 20-19](#) (Recommended by the DC Retail Water and Sewer Rates Committee 02/25/20)

XI. Executive Session

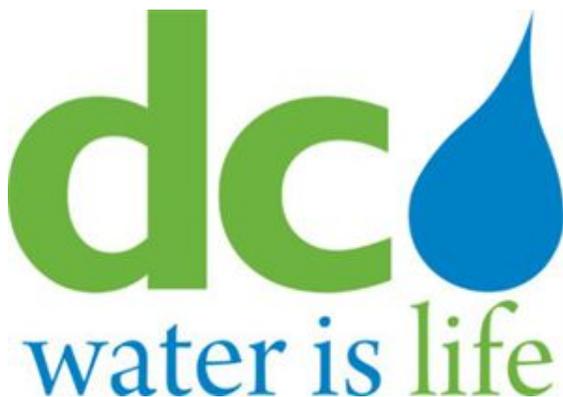
XII. Adjournment (Chairman Tommy Wells)

1 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: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); contract negotiations under D.C. Official Code § 2-575(b)(2); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4)(A); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security under D.C. Official Code § 2-575(b)(8); disciplinary matters under D.C. Official Code § 2-575(b)(9); personnel matters under D.C. Official Code § 2-575(b)(10); proprietary matters under D.C. Official Code § 2-575(b)(11); train and develop members of a public body and staff under D.C. Official Codes § 2-575(b)(12); decision in an adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14), and other matters provided in the Act.

Upcoming Committee Meetings – New Headquarters Building

- Environmental Quality and Operations Committee – Thursday, March 19, 2020 @ 9:30 a.m.
- Governance Committee Meeting, Friday, March 20, 2020 @ 9:00 a.m.
- DC Retail Water and Sewer Rates Committee – Tuesday, March 24, 2020 @ 9:30 a.m.

- Human Resource and Labor Relations Committee Meeting, Tuesday, March 24, 2020 @ 11:00 a.m.
- Finance and Budget Committee – Thursday, March 26, 2020 @ 11:00 a.m.



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Meeting**

Thursday, February 20, 2020

9:30 a.m.

MEETING SUMMARY

Committee Members

Howard Gibbs, Vice-Chair
Randy Bartlett
Ivan Frishberg
Joseph Gill (via phone)
Steven Shofar
Joe Leonard
Tommy Wells, Board Chair
David Franco (via phone)

DC Water Staff Present

David Gadis, CEO and General Manager
Matthew Brown, EVP, Finance & Procurement
Leonard Benson, SVP, CIP Project Delivery
Linda R. Manley, Board Secretary
Gregory Hope, Assoc. Gen.Counsel(via phone)

I. CALL TO ORDER

Mr. Gibbs called the meeting to order at 9:30 a.m.

II. ACTION ITEMS

The Committee recommend two joint use contracts for Board approval.

III. AWTP STATUS UPDATES

1. BPAWTP Performance

Mr. Aklile Tesfaye, Vice President, Wastewater Operations, DC Water, updated the Committee on the performance of the Blue Plains Advanced Wastewater Treatment Plant (by exception). Mr. Tesfaye stated that all performance parameters were excellent, and all permit requirements were met.

IV. CIP LIFETIME BUDGETS / RISKS & SENSITIVITIES

Mr. Len Benson, Senior Vice President, CIP Project Delivery, DC Water, started the update by reviewing two questions posed by the Committee in a previous Committee meeting. Mr. Benson provided a detailed briefing on the 10-year CIP Lifetime Budget (i.e., \$11.45B) including actual spent-to-date information. He stated that the FY20-29 10-year CIP disbursements total is \$4.921B

The Lifetime Budget captures all costs of approved projects active during the period of FY20-29, including those that started before FY20 and those finishing beyond FY29. The Committee inquired as to why some of the project progress bars on the gant chart graphic spanned a period of almost 20 years. Mr. Paul Guttridge, Director, CIP Infrastructure Management, DC Water, replied that they are summary bars for an entire Service Area and did not represent individual projects. The Committee also inquired as to how DC Water measures the performance and return of these investments. Mr. Gadis, CEO, DC Water, replied that the Authority is developing over 120, enterprise-wide, Key Performance Indicators (KPIs) that will track and measure performance of all aspects of DC Water's services and operations including sewer main breaks.

Mr. Benson next mentioned that DC Water utilizes an online CIP Budget Book that provides detail on the more than 290 CIP projects including description, IMA cost share percentage splits, 10-year forecast and a commitments table that is based on the lifetime budget and the date the activity starts. This project level data is derived from over 7,500 sub activities.

The Committee inquired as to what escalation rates DC Water used for its forecasts. Mr. Benson replied that as a standard, a yearly inflation rate of 3% is assumed and added that a working group has been established to further refine those assumptions. The Committee also inquired as to when the DC Clean Rivers (DCCR) project is going to be completed and whether that would have a reduction in the CIP budget. Mr. Benson replied that the consent decree has a 2030 finish date and although at completion, the line item in the CIP corresponding to the DCCR project will see a reduction, DC Water may decide to fund other service areas that have been underfunded in previous years. Mr. Gadis also noted that unfunded mandates might occur that would prevent rates from dropping.

Next, in response to the second question from the Committee's January meeting, Mr. Benson stated that DC Water had updated the 10-year CIP disbursement forecast slides to show what the funding levels could be when layering in risk and sensitivity costs in three scenarios.

Mr. Benson then shared the data with the Committee. The Committee inquired if any of the risks and sensitivities were included in the proposed CIP and whether they were updated regularly or not. Mr. Benson replied that these risks are updated yearly but they are not CIP projects but rather potential projects that have been identified as posing a significant risk to the CIP budget.

The Committee also inquired if DC Water has had to account for climate change forecasts and resiliency in planning and design of projects. Mr. Benson and Mr. Carlton Ray, Vice President, DC Clean Rivers, replied that DC Water has accounted for environmental changes in its project plans and designs and as an example mentioned the CSO tunnels having been oversized by approximately 20% and the capacity of some of the pump stations and other system components has been oversized for future expansion. In addition, projects are underway to harden Blue Plains and other facilities against a 500-year flood.

The Committee requested DC Water include the risks associated with a potential privatization of the Washington Aqueduct and its impact on rates as part of its analysis. Mr. Benson replied the risk will be added to the list.

In conclusion, Mr. Benson presented to the Committee for approval, Action Item 6B: FY 2020 – FY2029 Proposed Capital Improvement Program (10-year Disbursement Plan and Lifetime Budget).

The Committee recommended the Action Item to the full Board.

V. CIP QUARTERLY UPDATE

Mr. Paul Guttridge, Director, CIP Infrastructure Management, DC Water, presented to the Committee the first quarter report for fiscal year (FY) 2020 regarding DC Water's Capital Improvement Program (CIP).

Mr. Guttridge stated that in FY 2020, projected CIP disbursements are \$396,837,000 through the end of September 2020, which is on track to meet the proposed baseline disbursement projection of \$405,004,000.

Mr. Guttridge also highlighted baseline vs. actual disbursement figures of the various DC Water service areas and provided explanations where there were differences in the projections. In conclusion, Mr. Guttridge stated of the thirty (30) Key Performance Indicators (KPIs) due in FY2020, four (4) have so far been completed within the 90-day threshold while none are expected to be completed outside the threshold.

VI. DC CLEAN RIVERS (DCCR) PROJECT QUARTERLY UPDATE

Mr. Carlton Ray, Vice President, DCCR, DC Water and Mr. Jeff Peterson, Construction Manager, DCCR, DC Water, gave a quarterly update to the Committee. Mr. Ray gave a status update of the DCCR project.

Mr. Ray concluded his presentation by stating that the DCCR project remains on schedule and under budget.

VII. PROCUREMENT UPDATE

Mr. Dan Bae, VP Procurement and Compliance, DC Water provided the committee with updates on the changes to the Goods and Services and Capital Procurement services. He also provided highlights of the Goods and Services Procurement division in 2019.

Mr. Bae also informed the Committee of the new procurement Delegation of Authority (DOA) that has been implemented. The information is provided in the presentation in board books and on the website.

VIII. ASSESSING CONTRACTOR RESPONSIVENESS, RESPONSIBILITY & OVERVIEW OF EPA OUTREACH PROGRAM

Mr. Rudy Gonzalez, Director of Procurement, Engineering and Construction Services, and Mr. Korey Gray, Director of Compliance and Business Development, gave an update to the Committee on DC Water's assessment practices to determine Contractor Responsiveness and Responsibility and an overview of the EPA outreach program.

It was noted that if a low bidder contractor is relatively new to DC Water projects, a post-bid, pre-award interview is conducted to assess responsibility. After the interview, DC Water will prepare a Determination and Findings to document Responsible Study for Award that includes an evaluation of Fair and Reasonable Cost and evaluation of past performance from the contractor's references.

In conclusion, Mr. Gray explained to the Committee how the monitoring process of participation by subcontractors, including MBE and WBE firms is done. He noted that an annual Certified Business Utilization Report is given to the Governance Committee detailing total firm participation and a comparison of the goals with actual, achieved participation.

IX. EXECUTIVE SESSION

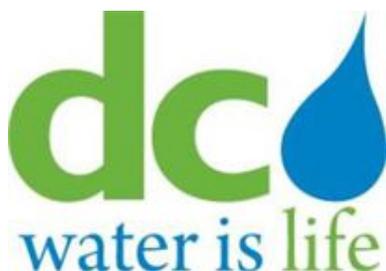
The Committee went into Executive Session at 11:52 a.m., and reconvened into open session at 12:30 p.m.

X. ADJOURNMENT

Regular meeting was adjourned at 12:30 p.m.

Follow-up Items

1. SVP, CIP Project Delivery: Include risks associated with a potential privatization of the Washington Aqueduct and its impact on rates as part of the Risks and Sensitivities analysis.
2. Board Secretary: Schedule a tour of GI Sites
3. VP, Wastewater Operations: To provide a cost of removing screenings from TDPS



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

Finance and Budget Committee

Tuesday, February 25, 2020

11:00 a.m.

MEETING MINUTES

Committee Members

Major Riddick, Chairperson
Anthony Giancola

Committee Members (via conference call)

Sarah Motsch
David Franco
Krystal J. Brumfield

DC Water Staff

David Gadis, CEO and General Manager
Matthew T. Brown, CFO & Executive Vice
President, Finance and Procurement
Marc Battle, EVP, Legal Affairs
Lola Oyeyemi, Director, Budget
Ivan Boykin, Director, Finance
Paul Guttridge, Director, CIP
Infrastructure Management
Tanya DeLeon, Manager, Risk
Linda Manley, Secretary to the Board

Call to Order

Mr. Major Riddick, Chairperson, called the meeting to order at 11:12 a.m.

January 2020 Financial Report

Ms. Lola Oyeyemi, Director, Budget, provided the monthly financial report by exception, noting as of the end of the fourth month of FY 2020, DC Water's expenditures and revenues are on track with budgetary expectations. With 33 percent of the fiscal year completed, revenues are trending above budget at \$245.0 million, or 35.3 percent of budget, operating expenditures are at \$175.8 million, or 28.6 percent of budget, and capital disbursements are at \$103.2 million, or 24.3 percent of budget.

Ms. Oyeyemi reported that the FY 2019 Comprehensive Annual Financial Report (CAFR) is available on DC Water's website. The A133 audit has been completed and the Green Bond report is underway. She also noted that the FY 2019 IMA (Intermunicipal Agreement) Operating and Maintenance Settlement is underway with completion expected by the end of March 2020.

Next, Ms. Oyeyemi provided an update on operating revenues, noting that the Authority received the second quarter payment of \$29.3 million from wholesale customers. She stated that total operating expenditures remain consistent with the budget and the underspending in debt service is due to the recent refinancing of the Authority's existing debt, and timing of the current year

issuance. The operating reserve balance, including the Rate Stabilization Fund (RSF), totaled \$236.4 million at the end of January, excluding the unrestricted and restricted account balances.

Mr. Giancola inquired about the collaborative effort being made to streamline the vehicle purchasing process. Ms. Oyeyemi explained that there are longer lead times items for the purchase and delivery of large vehicles and specialized equipment. Typically, the Authority begins the procurement process after the budget is adopted, which results in lower spending than budgeted. To alleviate this issue, the Procurement, Fleet and Budget departments have begun the collaborative process to identify equipment with major long lead items and begin procurement early to reduce underspending at the end of the fiscal year.

Capital Improvement Program (CIP) Quarterly Report Update

Mr. Paul Guttridge, Director, CIP Infrastructure Management, provided the FY 2020 1st quarter CIP report by exception. Mr. Guttridge stated that the Authority projects capital disbursements of \$396.8 million by the end of the fiscal year, which is just below the adopted budget baseline capital disbursement projection for capital construction projects of \$405 million. He went on to review the actual and projected disbursements by service area and noted that the 30 percent variance year to date spending in the wastewater service area was due to continued negotiations as part of the closeout of the Tunnel Dewatering Pumping Station/Enhanced Clarification Facility contract.

Next, Mr. Guttridge reviewed the significant contract actions anticipated in the upcoming six months, which are primarily for small diameter water main replacements, to help ensure that the Authority meets its goal of one percent annual replacement. He further informed the Committee that there are seven bidders for these contracts, of which two are new. Regarding Key Performance Indicators (KPIs), Mr. Guttridge noted that there are thirty KPIs due in FY 2020, of which four were completed in the first quarter, and that one KPI scheduled for the second quarter of 2020 has been completed.

Proposed FY 2021 Budget

Mr. Matthew T. Brown, Chief Financial Officer & Executive Vice President, Finance and Procurement, provided an overview of the Proposed FY 2021 budget and informed the Committee that four action items will require their recommendation to the full Board. These are the Proposed FY 2021 Operating Expenditure Budget, FY 2020 – FY 2029 Capital Improvement Program (Disbursement and Lifetime Budget), FY 2020 – FY 2029 Ten-Year Financial Plan, and the Intent to Reimburse Capital Expenditures with Proceeds of a Borrowing.

Mr. Brown highlighted that the Authority's proposed ten-year capital plan doubles its investment in water and sewer infrastructure by FY 2022 to reach a one percent replacement cycle, and triples the investment starting FY 2027 to reach a 1.5 percent replacement cycle. Other highlights of the proposed FY 2021 budget: fully funds the Clean Rivers program with expected completion in FY 2030; increases in personnel services which include a \$0.5 million investment in the Apprenticeship Program to support fifteen entry level positions, an addition of five new positions to support the DC Water Consumer Protection Amendment Act of 2018; and increases funding for fleet purchases by \$4 million to ensure crews have the equipment they need. He also informed the Committee that the Authority has submitted a proposal to the Board to make the CAP2

program permanent, and will continue to work with the District Government to advance the LeadFreeDC initiative.

Next, Mr. Brown mentioned that the Authority is continuing its capital procurement reform by adding six new positions to be reprogrammed from existing vacancies for the initiative to fully migrate procurement functions from the Department of Engineering and Technical Services to the Procurement Department. Mr. Brown explained that the Proposed FY 2021 budget holds the line on operating budget expenses, and the proposal is within the previous year financial plan forecast. He also mentioned that the budget incorporates the current year debt service cost savings, which allows DC Water to deliver rate increases that are smaller than previously forecasted.

Mr. Brown reviewed capital and operating budget infographics and explained that these be helpful in better communicating with our customers during the upcoming town hall meetings to illustrate how their monies will be spent by the Authority. He went on to remind the Committee that all budget materials are available on the ratemaking process webpage which was developed as a public communication page on the DC Water website. This is to ensure that customers have a single place to find information they need on the Authority's budget and rate proposals. He informed the Committee that town hall and public hearings are being scheduled now, and that the Committee will be furnished with information as these events develop.

Mr. Brown informed the Committee that the Environmental Quality & Operations and the Retail Rates Committees have moved the respective action items on the capital budget, rate proposals and financial plan to the full Board. He reiterated that the proposed rates support the Authority's operating expenditures and infrastructure improvements, and all the financial metrics and policies help ensure that DC Water can borrow funds at low interest rates. Mr. Brown further mentioned that the combined rate increase for average household customer is 6.6 percent in FY 2021 and 6.7 percent in FY 2022. He noted that these rate increases are lower than the 8.1 percent and 6.9 percent forecasted last year for FY 2021 and FY 2022, respectively. It also includes the proposed water and sewer rate increase of 9.9 percent in FY 2021 and 7.8 percent in FY 2022, and continues the shift of the Clean Rivers Impervious Area Charges (CRIAC) to sewer volumetric of 28 percent and 37 percent for FY 2021 and FY 2022, respectively.

Mr. Brown also commended Ms. Oyeyemi and her staff for reducing costs, in addition to the debt service cost savings from the refinanced debt. All these efforts contributed to the \$13 million that will be applied to the Rate Stabilization Fund and withdrawn over the next two years. He further noted that DC Water does not make a profit – all funds pay for operations and infrastructure improvements and whenever the rates generate more than the amount anticipated, the excess is saved and passed down to customers. For example, the Authority has proposed to the Board to move \$13 million in current year savings to FY 2021 and FY 2022 to impact customer rates.

Mr. Brown reviewed the sources and uses of funds for the Proposed FY 2021 Operating Budget and the Proposed FY 2020 – FY 2029 Capital Improvement Program (CIP). He mentioned that the sources of funds show the breakdown between residential, multi-family, federal government customers and wholesale customers. He noted that debt service is the biggest driver on the uses of operating funds, coming in at \$222.3 million, followed by personnel services at \$153.4 million.

He noted that debt financing of \$2.3 billion is a significant source of funds for the ten-year CIP of \$5.45 billion, and that the Clean Rivers Project, increased investments in the water and sewer infrastructure and upgrades at the Blue Plains Plant are the major uses of the ten-year CIP funds.

The proposed ten-year CIP is \$5.45 billion, an increase of \$0.49 billion over the previous plan. The proposed ten-year CIP disbursement budget includes \$4.92 billion for capital projects, \$333 million for capital equipment and the remainder of \$195 million for the Authority's share of Washington Aqueduct's capital projects. The proposed CIP fully funds the DC Clean Rivers program to meet all consent decree deadlines, funds Non-Process Facilities including the new Fleet and Sewer Facilities and renovation of the Historic Main Pump Station. The CIP advances major rehabilitation in sanitary collection sewers and increased funding to ramp up to 1.5 percent replacement per year starting FY 2027 and onwards for small diameter water mains and small sewer lines. Mr. Brown informed the Committee that the CIP also includes the lifetime budget of \$12.39 billion, which represents historical spending prior to, during, and beyond the ten-year period including labor costs. He noted that detailed discussions about the lifetime project were reviewed with the Environmental Quality & Operations Committee.

The proposed FY 2021 operating expenditure budget is \$642.7 million. Mr. Brown explained that there are three components of the operating budget; Operations and Maintenance of \$367.7 million, Debt Service of \$223.3 million, Cash Financed Capital Improvements of \$30.4 million and PILOT and ROW payments to the District of \$22.4 million. He went on to explain the major budget drivers for each category of the operating budget, noting that these are consistent with the detailed discussions held during the Budget Workshop and various Committee meetings in January. In response to Mr. Giancola's question about the increase in contractual services, Mr. Brown explained that the major driver is for the Pay for Success based on the performance of the Green Infrastructure (GI) project.

Next, Mr. Brown reviewed the total revenue budget of \$733.7 million for FY 2021, an increase of \$39.8 million, and \$766.3 million for FY 2022, an increase of \$32.6 million for FY 2022. Retail revenue is projected to increase by \$35.1 million or 6.4 percent for FY 2021 and \$23.0 million or 3.9 percent for FY 2022. Wholesale revenue is projected to decrease by \$0.6 million or -0.7 percent for FY 2021 due to low flows and increase by \$2.5 million or 3.0 percent for FY 2022 due to 3.0 percent escalation. The retail revenue increases are mainly due to the proposed rate increases, while the projected wholesale revenues are based on the flows from the respective jurisdictions and the Potomac Interceptor. He then mentioned that most of DC Water's revenue comes from residential, wholesale and multi-family, federal and municipal. He further noted that management has proposed a strategy to lessen the increases on the overall customer bill, that reallocates customer service costs from water and sewer rates to the metering fee. He explained that the proposed change in the customer metering fee is consistent with the recommendations from the recently completed Cost of Service Study. He further went on to review the expansion of the customer assistance program which includes an increase in the CRIAC discount from 50 percent to 70 percent and is consistent with the Independent Rate Review recommendation.

Next, Mr. Brown provided an overview of the assumptions in the ten-year financial plan. One of the outputs of the financial plan is the average amount a residential customer will pay over a ten-year period. The assumptions include maintaining debt service as a percentage of total operating revenues of 33 percent or less, combined coverage of 160 percent, Rate Stabilization Fund at ten percent of revenue, and 250 days of cash including the Rate Stabilization Fund. He further mentioned that actual consumption declined by 1.8 percent in FY 2019, and that the proposed financial plan assumes a 1.5 percent conservation for each of FY 2020 and FY 2021 and 1.0 percent in FY 2022 and beyond.

Mr. Brown went on further to review the value of DC Water's robust credit ratings which reduce borrowing costs. In response to a board request, he presented financial metrics with select peer group and viewpoints on DC Water from the rating agencies. Mr. Brown reminded the Committee that the Authority has about \$3.5 billion outstanding debt and without the Authority's good credit ratings, the cost of debt could be higher. He also cautioned that when comparing DC Water financial metrics with the select peer group, it is essential to consider their unique circumstances and factors like age of infrastructure, consent decrees amongst others.

Mr. Brown stated that overall, DC Water's financial metrics compared very favorably to some of its peers and these metrics were used as a basis to negotiate a credit ratings upgrade with Fitch. He reviewed viewpoints from Moody's, S&P and Fitch credit rating agencies regarding DC Water. They recognized DC Water for its excellent rate management record, strong financial forecasts and essential service territory. Some of the challenges highlighted are the Authority's heavy capital needs over the next ten years, elevated debt and a large CIP.

In closing, Mr. Brown reviewed management's recommendations and the accompanying action items for the operating expenditure budget, ten-year capital disbursement and project lifetime budget, ten-year financial plan and the intent to reimburse capital expenditures with proceeds of a borrowing.

Merchant Credit Card Fees Update

Ivan Boykin, Director of Finance, provided an update on the merchant credit card fees and management's plan to reduce credit card costs. Mr. Boykin stated the various ways customers can make their payments such as; walk-in payments, a variety of credit card payments, and lockbox payments. Additionally, he stated that DC Water recently began accepting credit cards for Water Quality fire hydrant fees. He reported on the brand association merchant card types DC Water accepts which include Visa, Master Card, and Discover.

Mr. Boykin provided the credit card history of the total number of transactions increasing at an average 12 percent per year from FY 2016 to FY 2019, with recurring credit cards being the highest. However, this did not coincide with the highest increase in the total amount of fees for Web payments. He further reported that projections for the average credit card transaction and fees were expected to be \$3.71 per transaction and cost \$1.6 million in fees based on results from the first quarter in FY 2020. Additionally, Mr. Boykin stated that Web transactions have increased the most since FY 2018 from 14 percent to 35 percent in FY 2019. As Interactive Voice

Response (IVR) credit card transactions have trended downward, Web credit card transactions have increased the most at \$7.22 per transaction for FY 2020.

Mr. Boykin explained the Web credit card processing concerns for transactions and fees from FY 2016 to FY 2019, where payment aggregators and proxies are using fleet and fuel rewards card, and DC Water was absorbing the fees. Payment aggregators were shifting credit card processing from low cost ACH transactions at an average \$0.20 per transaction to higher costs Web transactions at an average \$7.22 per transaction, where DC Water cannot discriminate against different card types. Mr. Boykin provided an example of one commercial customer where costs were shifted from ACH at \$502 to a comparable time period for the Web at \$10,000 causing a 2000 percent increase in fees. He described the differences between the Web profile and non-profile accounts. Customers need to log in for profile accounts to be authenticated and pass the necessary data such as name, address, and credit card information to make payments and validate at levels two and three, whereas the non-profile access does not require a log in, so customers bypass critical information causing level one validation, which is the most expensive way for a business to process credit cards.

Next, Mr. Boykin provided the plan forward of non-viable options involving a payment gateway Request for Proposal (RFP) and viable options for payment gateway RFP, along with blocking all non-residential customers from processing credit card fees. The non-viable option shows contracting payment gateway services could lower the average per transaction fee, but increase the ACH fee. The potential \$2.00 per transaction fee would be the same for merchant card transactions projected to be 420,000 costing \$840,000 and ACH transactions projected to be 550,000 costing \$1.1 million for a total of \$1.9 million. Mr. Boykin stated this option could cost DC Water more. If the credit card fees were passed to the customers, DC Water could contract with a payment gateway vendor, but the vendor would charge an average \$8.00 per transaction to offset the \$7.22 charge. The total cost for DC Water for credit and debit merchant transactions would be \$0.00, but the ACH fees would range from \$100,000 to \$125,000 annually. Mr. Boykin informed the Committee, that if any part of the merchant fee was passed to the customer, DC Water would lose the current average utility rate of \$0.75 per transaction. He stated that DC Water could issue a RFP for payment gateway services to reduce current contractual costs from current gateway providers to include Kubra, PayPal, and Bank of America Merchant Services (BAMS), which BAMS is also the merchant provider.

Mr. Boykin stated the plan is to block all non-residential customers from processing credit cards across and only allow residential customers to make credit card payments. This will eliminate all payment aggregators from processing high-end rewards cards on DC Water platforms, which will reduce DC Water's credit card processing fees. A comprehensive strategy to implement this plan will be presented to the Finance and Budget and Retail Rates Committees in March.

Rolling Owner Controlled Insurance Program (ROCIP V) Update

Ms. Tanya DeLeon, Manager, Risk Management, provided an update on the Rolling Owner Controlled Insurance Program (ROCIP) and that no action was needed from the Committee. She noted that ROCIP is designed to include all CIP construction projects. Under this program, DC

Water procures insurance protection on a direct basis rather than reimbursing contractors and subcontractors for purchasing separate insurance on their own. The contractors have reduced the cost of the project in amounts equal to or greater than DC Water's cost of ROCIP since DC Water has provided ROCIP. DC Water retains the right not to include a project if the risk characteristics are unfavorable.

Next, Ms. DeLeon further explained that the ROCIP program began in October 2004. Twelve years in, an internal audit was conducted to assess and validate the stated avoided costs. The audit validated that the estimated project savings reported were reasonably stated. Some public entities, who use ROCIP include Citizens Energy Group, Metropolitan Washington Airport Authority, and Utah Department of Transportation. Ms. DeLeon reviewed the team structure for the Authority's ROCIP program which includes representatives from DC Water (Risk Management, Occupational Health & Safety and Engineering), broker administrator, and other external consultants in the program areas of Administration, Insurance Claims and Safety.

In response to Mr. Giancola's inquiry about Albert Risk Management and the duration of their contract, Ms. DeLeon noted that Albert Risk Management has been a contractor at DC Water since 2003 and started with a feasibility study. Ms. DeLeon further noted that the Authority has gone to the market several times but Albert Risk Management has out-performed other consultancies. Ms. DeLeon stressed that Albert Risk management is the best in the industry and recently consolidated its services with the second best, leaving little room for competition.

Ms. DeLeon reviewed the program goals and accomplishments of the ROCIP program. She explained that these include higher dedicated limits and comprehensive coverage for enrolled contractors (traditional \$1- \$3 million); lowered construction costs – insurance costs deducted from bids; superior safety and controlled claims. The Authority has achieved its goals with \$200 million in coverage (previously \$100 million), over \$30 million in avoided costs, superior safety and lower claims costs.

Next, Ms. DeLeon reviewed the ROCIP 4 program. She stated that DC Water's safety performance continues to trend below the national averages for the Total Recordable and Lost Time Incidence Rates (TRIR and LTIR) for 2018 and 2019. She went on to review the program utilization and costs to date. Ms. DeLeon noted that DC Water is on target for significant cost savings as demonstrated by successful avoided contractor costs. She stated that given the prior successes of the program, the team will move forward with a ROCIP 5 program from October 2020 to October 2025 and anticipate Board action in April 2020.

Action Items

The Committee members agreed to move the following action items to the full Board -

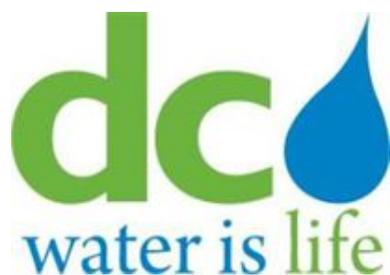
- Recommendation for Approval of the FY 2021 Proposed Budget
 - Fiscal Year 2021 Proposed Operating Budget
 - Fiscal Year 2020 – FY 2029 Capital Improvement Program and Lifetime Budget
 - Fiscal Year 2020 – FY 2029 Ten-Year Financial Plan
 - Intent to Reimburse Capital Expenditures with Proceeds of a Borrowing
- Recommendation for Approval for Financial Staff Augmentation Services

Adjournment

Hearing no further business, Chairperson Major Riddick adjourned the meeting at 12:21 p.m.

Follow-up Items

- Explore multi-year procurement of fleet vehicles that allows trading in used equipment for new ones over a period **(Mr. Giancola)**
- Provide update on Fleet Policy on Energy efficient vehicles **(Mr. Giancola)**
- Research the communication or customer service fallout from other utilities when they converted from absorbing the fees to passing the fees to their customers **(Chairperson Riddick)**
Provide feedback on the merchant credit card fees to the Committee **(Chairperson Riddick)**



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

DC Retail Water and Sewer Rates Committee

Tuesday, February 25, 2020

9:30 a.m.

MEETING MINUTES

Committee Members in Attendance

Tommy Wells, Chairman
Howard Gibbs
Anthony Giancola
Jed Ross

Committee Members Via Teleconference

Rachna Bhatt, Chairperson
Ellen O. Boardman
David Franco
Emile Thompson

DC Water Staff

David L. Gadis, CEO/General Manager
Matthew Brown, CFO/EVP Finance & Procurement
Marc Battle, EVP, Office of Legal Affairs
Linda R. Manley, Board Secretary
(via of conference call)
Gregory Hope, Associate General Counsel

Call to Order

Chairman Tommy Wells convened the meeting at 9:35 a.m.

Mr. Brown, CFO/EVP Finance and Procurement, greeted the Committee and stated that DC Water was seeking the Committee's recommendation on three action items to the Board. Mr. Brown stated that the action items have five parts: (i) proposed multi-year rates for FY 2021 and FY 2022; (ii) Customer Metering Fee proposal to include additional customer service costs; (iii) FY 2020 through FY 2029 ten-year Financial Plan; (iv) increase Clean Rivers Impervious Area Charge (CRIAC) discount for CAP customers; and (v) make CAP2 permanent.

Proposed FY 2021 & FY 2022 Rates, Charges & Fees, Increasing CAP CRIAC Discount and Amend Regulations to make CAP2 Permanent (Attachment A)

Mr. Brown discussed the rates proposal. He stated that DC Water recovers water and sewer costs through the rate making process, and that DC Water believes that the proposed rates are equitable, reasonable, sufficient and consistent with the proposed application to its customer classes. He mentioned that Raffetis is completing the most recent Cost of Service (COS) study, and that the final document will be posted on the website as soon as it is completed. He added that an Independent Review of Rate Structure and Customer Assistance Programs was completed by Arcadis who presented their findings and recommendations prior to the proposed budget and rates. He noted that Arcadis concurred with DC

Water's current customer class structure, monthly water lifeline threshold of 4 Ccf, and that the COS study is consistent with industry standards for ratemaking and also agreed that the ERU basis for recovering the CRIAC charge is appropriate. He mentioned that Arcadis recommended that DC Water consider recovering additional costs through the Customer Metering Fee. He stated that DC Water has proposed changes to the Customer Metering Fees and increase in CRIAC discount for CAP customers, which are included with the FY 2021 and FY 2022 rate proposal.

Mr. Brown explained that the rate proposal includes: i) annual water and sewer increase of 9.9% for FY 2021 and 7.8% for FY 2022; ii) increase to the Customer Metering Fees from \$3.86 to \$4.96 for FY 2021 and from \$4.96 to \$7.75 for FY 2022; iii) Water System Replacement Fee will remain the same; iv) Right-of-Way fee will remain the same at \$0.19 per Ccf while the PILOT fee will increase for FY 2021 and FY 2022 by \$0.03 and \$0.02 per Ccf respectively; v) the shift of CRIAC to sewer volumetric of 28% and 37% for FY 2021 and FY 2022 respectively; vi) an increase in the CRIAC discount for CAP customers from 50% to 75%; and vii) make CAP2 permanent.

Mr. Brown mentioned that the Customer Metering Fee was established in FY 2003 at \$2.01 for 5/8" meter and then increased to \$3.86 in FY 2011. He stated that originally the metering fee was set to recover the capital cost of the original Advanced Metering Infrastructure (AMI) system. He noted that the current COS study recommends recovering \$15.4 million in FY 2021 and \$24.1 million in FY 2022.

Mr. Brown stated that in the proposal the CAP would be expanded to increase the CRIAC discount from 50% to 75% consistent with the recommendation from the Independent Review of Rate Structure and Customer Assistance Programs. He mentioned that DC Water asked District Government to continue the CAP3 and CRIAC Non-Profit Relief programs. Mr. Giancola inquired about the financial impact of making CAP2 permanent. Mr. Brown stated that DC Water is including \$200,000 for FY 2021.

Mr. Brown mentioned that there is \$13 million of current year savings, which includes \$8 million in debt service saving and the remaining \$5 million unused fund from the amount that was withdrawn from Rate Stabilization Fund for CAP2. He stated that DC Water is proposing to put the total \$13 million savings in the Rate Stabilization Fund (RSF) in FY 2020 and to apply \$2.5 million and \$10.5 million in FY 2021 and FY 2022 respectively. Mr. Giancola inquired about the purpose and amount of RSF and the number of days cash on hand. Mr. Giancola added that the Board policy requires 120 days cash on hand whereas DC Water is currently following 250 days cash on hand. Chairman Wells stated that the policy needs to be revisited to add more clarity and it should be initiated at the Finance and Budget Committee.

Mr. Brown noted that the combined rate increase for the average household customer was less than the 8.1% forecasted last year at 6.6% for FY 2021, and from 6.9% to 6.7% for FY 2022. He mentioned that there are higher increases as compared to last year's projection in the out years because of Board's desire to incorporate 1.5% replacement cycle for water and sewer pipe replacements. Chairman Wells suggested to have a clear explanation to the community and stakeholders as to why the rate increases are higher than increase in cost of living.

Mr. Brown mentioned that 30.3% of FY 2021 operating budget of \$733.7 million is for debt service. He stated that operating revenue proportions for FY 2020 and FY 2021 are fairly the same except for a slight increase in the Customer Metering Fee because of the proposed increase. He noted that the rate structure stays the same and the CRIAC decreases from \$20.94 to \$19.52 per Equivalent Residential Unit (ERU) per month for FY 2021 and \$19.52 to \$18.40 per ERU per month for FY 2022, which completes the 37% shift of Clean Rivers cost. He added that DC Water is proposing increase in Customer Metering Fee consistent with the Independent Rate Structure and Customer Assistance Program study recommendation. He mentioned that the increase in average residential customer monthly bill at 5.42 Ccf for FY 2021 and FY 2022 is 6.6% and 6.7% respectively. He stated that CAP discount as a percentage of the total bill for FY 2021 and FY 2022 is 69.5% and 67.9% respectively.

Mr. Brown stated that DC Water's ten-year financial plan serves as the fiscal roadmap to achieve the Board's strategic plan and its objectives include minimizing rate increases, meeting financial obligations, satisfying indenture requirements and Board policies, and maintaining current credit ratings. He explained the assumptions of the financial plan: (i) maintain debt service as a percentage of revenue equal to or below 33 percent; (ii) maintain combined coverage of 160 percent; and (iii) maintain 250 days of cash including RSF. Mr. Brown mentioned that the projected average residential customer bill at 5.42 Ccf ranges from \$104 in FY 2020 to \$180 in FY 2029 and he noted that the proposed Capital Improvement Program (CIP) is the main driver of rates.

Mr. Brown presented the summary of rating agency views about DC Water and comparative information with peer utilities with respect to credit rating, operating revenue, debt service and days cash on hand.

Proposed Amendment of Board Resolution #97-91 to increase General Manager's Authority for Abatement of Charges (Attachment B)

Mr. Brown stated that there was a resolution from 1997, which gives the CEO/GM the authority to abate charges up to \$25,000. He stated that DC Water works with customers to help and bring them into good standing by referring residential customers to customer assistance programs and offer flexible payment terms to multi-family and non-residential customers. Mr. Brown mentioned that the management recommends an increase in the authority to abate charges to be \$50,000.

Mr. Giancola inquired how often DC Water uses abatement of charges. Ms. Mackool, Director of Customer Service, stated that DC Water use it for a handful of times and it is typically associated with non-traditional accounts such as multi-family and commercial accounts depending on their specific account situation and circumstances. Mr. Gibbs inquired if the reason for the request to increase the amount. Ms. Mackool mentioned that there are customer accounts under consideration that exceeded the \$25,000 limit. Mr. Ross inquired if the Committee can get a report with abatement of equal to or greater than \$20,000 when it is actually used and to see if there is anything that needs to be changed.

Action Items (Attachment C)

Mr. Brown mentioned that the Committee is asked to recommend the following action items to the Full Board.

- Action Item 1 – Proposed FY 2021 & FY 2022 Rates, Charges & Fees, Customer Metering Fees, Increasing CAP CRIAC Discount and Amend Regulations to make CAP2 Permanent
- Action Item 2 – Proposed Ten-year Financial Plan FY 2020 – FY 2029
- Action Item 3 – Proposed Amendment of Board Resolution #97-91 to increase General Manager's Authority for Abatement of Charges

Advanced Metering Infrastructure (AMI) Project Update (Attachment D)

Mr. Brown offered the Committee either to present the Advanced Metering Infrastructure (AMI) project update on the next session or to do it by exception and take questions or provide explanations if needed. He stated that there is a change in the program given some of the difficulties DC Water encountered in some of the meter installations. He mentioned that DC Water is proposing to prioritize projects within the scope of work in order to remain close to the original budget. Chairman Wells inquired if there is a substantial change in financial position regarding the Advanced Metering Infrastructure (AMI) project. Mr. Brown explained that the proposal is to scope down some of the initial goals of the project because of the difficulties DC Water encountered in some of the meter installations. Mr. Ross inquired if there is a plan to address these difficulties that DC Water faced in the project. Ms. Sheena Robinson, (Acting) Manager Meter Services stated that DC Water has selected locations planned to be addressed with the contractor on a time and material basis. Ms. Robinson noted that there are some circumstances that will

require further exploration and creative solutions to address them. She added that DC Water is considering options including flat rate billing for those customers that have tree root situations.

FY 2020 Proposed DC Retail Water and Sewer Rates Committee Workplan (Attachment E)

Mr. Brown provided a brief overview on the FY 2020 proposed Committee workplan.

Agenda for March 24, 2020 Committee Meeting (Attachment F)

There was no discussion on the agenda for the March 24, 2020 Committee meeting.

Other Business

None

Executive Session

There was no executive session.

Adjournment

Chairman Wells adjourned the meeting at 11:04 a.m.

FOLLOW-UP ITEMS – DC Retail Water and Sewer Rates Committee Meeting (February 25, 2020)

There were no follow up items



CEO'S REPORT

March 2020

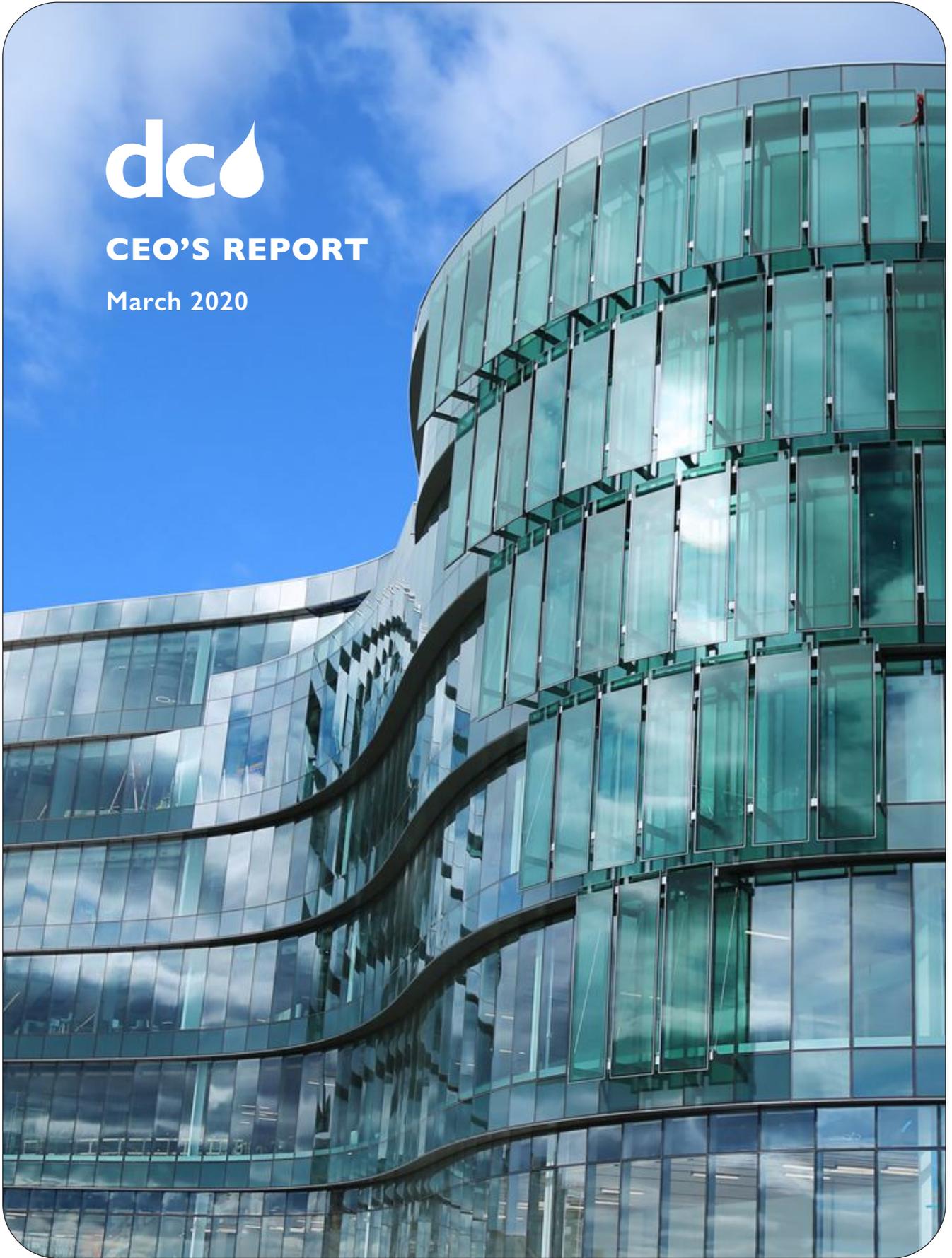


Table of Contents

Message from the CEO/GM.....I

Organizational Performance Dashboardi

Financial Highlights1

 Financial Performance Summary 1

 Revenues and Operating Expenses 2

 Capital Spending..... 2

 Operating Cash and Receivables 3

 Delinquent Account Receivables..... 3

 Investment Yields 4

 Vendor Payments 5

Operations & Engineering6

 Electricity Usage Summary..... 6

 Electricity Usage by Service Area 6

 Waste Water Treatment 7

 Water Distribution Operations..... 8

 Water Balance 8

 Drinking Water Quality..... 9

 Fire Hydrants 10

 Sewer System Operations 11

 Combined Sewer System..... 11

 Permit Processing..... 12

Customer Experience13

 Customer Care..... 13

Low Income Assistance Program.....14

 SPLASH Program..... 14

 Customer Assistance Program(CAP) 14

People & Talent15

 Human Resources 15

 Recruitment Activity..... 15

 Recruitment Performance Metrics..... 16

Administration.....17

 Safety 17

 Employee Lost Time Incident Rate 17

 Contractor Lost Time Incident Rate 18

Interpretation of Charts A

Color Key

Red	Did not meet Target
Yellow	Missed Target but within acceptable range
Green	Met/Exceeded Target
Gray	Budget/Target Value
<transparent>	Green/Yellow/Red based on comparison



From the desk of the CEO

David L. Gadis



March 2020

February Highlights:

- **Office of Marketing and Communications:** DC Water launched a brand awareness and public education campaign to tell the story of how DC Water touches every aspect of life in the District. The goal is to enhance public opinion of and trust in DC Water, demonstrate our commitment to the community and water quality, and start a conversation about the need to invest in our infrastructure. The Hydrate DC campaign will include an online hub (<http://www.hydratedc.org/>), paid advertising, and social media promotion.
- **Finance and Procurement:** DC Water continues the detailed discussions of the budget proposal and will be seeking recommendations from the various Board Committees in February. The budget proposal includes the FY 2021 Operating Expenditure, FY 2020 – FY 2029 Capital Improvement Program, FY 2021 – FY 2022 Retail Rates, Fees, Charges and Operating Revenues, and the ten-year Financial Plan. The Board will be asked to adopt the budget on March 5, 2020.
- **Performance:** DC Water met with a group of Environmental NGO leaders on February 19 to discuss interests, priorities, and ways to work together moving forward. NGOs represented included: DC Environmental Network, Potomac Riverkeeper Network, Potomac Riverkeeper, Anacostia Riverkeeper, Anacostia Watershed Society, and Rock Creek Conservancy. DC Water provided an update on the Clean Rivers project and re-stated our commitment to build the Potomac River Tunnel and comply with Consent Decree obligations. Looking forward, all parties agreed to work together on sharing messaging and communications on each other's efforts and continue communications and regular meetings with both the NGOs present at the meeting and additional organizations.
- **Engineering and Technical Services:** On January 15, 2020, Interagency Planning & Permitting and Marketing and Communications staff attended a Mayor's Walk beginning at UDC. With NPS's approval, DC Water informed the Mayor, ANC members in attendance, and members of the public that NPS and DC Water have worked collectively on the Soapstone Valley Park Sewer Rehabilitation Environmental Assessment as required by the National Environmental Policy Act and that DC Water has satisfied NPS requirements. While we await finalization, this is a significant milestone towards completion.
- **Wastewater Engineering:** Successfully issued the Notice to Proceed and project kickoff of the Floodwall Segment C Design Build construction project.

Department of Operations and Engineering

Water Operations and Water Quality & Technology

Accomplishment(s)

The table below reflects the amounts billed for Food Service Establishments/Fats, Oils and Grease (FSE/FOG) and Backflow Prevention Assemblies (BPA) fees and collected from Fire Hydrant Use Permit & Equipment Fees. Note: The Fire Hydrant Use & Equipment Fees includes prepaid fees and deposits that are not realized as revenue until equipment is returned or meter reading submitted.

Program	January 2020	FY2020 (cumulative)
• Fire Hydrant Use Permit & Equipment Fees collected	• \$45,323	• \$83,461
• BPA	• \$83,288	• \$331,985
• FSE/FOG	• \$43,744	• \$173,291

Operational Performance

- The Department responded to 100% of the emergency investigative calls within the 45-minute response time in January 2020. The measured target is 90% per month.
- There were 32 (36) Water main breaks per 100 miles of pipe for the month of January. The accepted national average is 25 breaks per 100 miles.
- The Department replaced 44 hydrants in January with a monthly target of 21 per month.

Progress Report

Water Quality & Technology (WQ&T)

- **Total Coliform Rule** – DC Water collected 247 samples in January 2020 for compliance with the Total Coliform Rule (TCR). DC Water met the TCR standards for January with none of the samples testing positive (0 percent) for total coliform. The federal regulatory trigger for further system evaluation is 5 percent positive for each month.
- **Lead and Copper Rule** – DC Water distributed 54 sample kits to customers in January 2020. Among the distributed kits, we received and submitted samples from 25 homes to the laboratory for analysis. Results are pending.

Progress Report (con't)

- Illegal Connection to Fire Hydrant Investigations-completed two investigations
- Fats, Oils and Grease (FOG) Surveys -completed 8 site surveys for compliance with FOG Regulations
- Cross-Connection Control (CCC) Surveys-completed 10 site surveys for compliance with CCC regulations
- Cross-Connection Control Compliance-453 Backflow Prevention Assembly Annual Inspections by DC Water Approved Inspectors were received through the DC Water Third-Party Portal in January 2020. Approximately, 65% of all backflow preventers tracked are compliant as of January 31st. Compliant means the backflow prevention assembly passed inspection within 365 days of January 31st.
- Recertified ten employees and certified three new employees to inspect and maintain DC Water backflow prevention assemblies.
- **Construction Contract Management Branch (CCMB)**
- CCMB managed the completion of 124 water distribution system and 64 sewer/storm collection system rehabilitations and replacements with contracted resources in the month of January.
- The Public Space Restoration team successfully completed the restoration of 137 (108 water and 29 sewer) sites in support of water and sewer system operational activities.
- The Work Control group processed 551 District Department of Transportation permits in support of operational activities on behalf of Water and Sewer Operations. Operational permits include Emergency Work Requests (EWR's), Construction Permits, and Occupancy Permits.
- **Lead Service Replacement (LSR)**
 - LSR Voluntary Program supported the replacement of 42 lead service lines in the month of January.

Sewer Operations

Accomplishment(s)

Several staff employees were recognized by a resident from the 400 block of 14th Street, NE for outstanding customer service. Crews provided timely and professional assistance to the resident in resolving their distressing plumbing problem.

Operational Performance - Completed Projects and Blue Print Initiatives

- **Strategic Program #4: Driving Performance (NPDES Regulatory requirement)**
 - Crews cleaned 1175 catch basins in January 2020. For January 18 – 31 the DC Water Maintenance Management System was unable to record any data regarding catch basin cleanings or inspections. These figures are only reflective of work completed for January 1 – 17.
 - 10 tons of floatable debris has been removed from the Anacostia River in January 2020.
 - January 2020, crews responded and resolved 112 lateral complaints and 5 main line sewer backups.
- **Strategic Program #5: Leveraging Technology**
 - Identified and completed CIPP on 10 laterals for January 2020.

Progress Report

- All below grade construction activity to backfill and restore areas disturbed near the partially collapsed bulkhead over our 9-foot storm sewer in Foundry Branch at 44th and Reservoir Road, NW on the award-winning project was completed.
- Tentative schedule for permanent sewer repair at Foundry Branch (Bulkhead/Leak Repair) location on the Potomac Interceptor is the week of February 24, 2020.

News and Events

- Staff attended a planning meeting with the Secret Services regarding The President's State of the Union Address (SOTUA) to review security efforts and situation awareness in support of the State of the Union Address.
- In January 2020, crews replaced a broken section of 10-inch sewer that was damaged by utility cables installed for the new building at 20 M Street, SE.; the pipe was also cleaned to remove hardened concrete in the sewer.
- Staff and contractor met with representatives of the District's Public Works Department (DPW) to coordinate plans for the installation of a caver on DC Water's outdoor storage pile at DPW's Benning Road Transfer Station. The pile consists of non-reusable excavated backfill material from our in-house construction crews and debris from catch basin cleaning. Expected start date is dependent on favorable weather conditions to cast concrete for footer piles that will support the overhead structure.

Wastewater Engineering

Operational Performance

- In support of the resiliency strategic program, the Electrical & Mechanical Design group is working with Pepco to restart a project to establish back up feeders to our existing feeders to Blue Plains. This will improve reliability and reduce outage restoration in the event that there is trouble with an existing feeder.
- In support of the resiliency strategic program, executed a design-build contract for Floodwall Segment C at Blue Plains.
- In support of the resiliency strategic program, began development of procurement documents for design of additional power monitoring and control capabilities at Blue Plains.
- In support of the Customer Affordability strategic program, submitted an application to HSEMA for a FEMA grant for additional planning and concept design for the next segment of floodwall at Blue Plains, and for construction of improvements for the 9th and D St SW Stormwater Pump Station.
- Successfully issued the Notice to Proceed and project kickoff of the Floodwall Segment C Design Build construction project.

Progress Report

- Participated in Capital Program Procurement Leadership Council, whose mission is to establish a smooth transition of key processes from engineering to procurement.
- Continued assessment and planning for capital needs at Blue Plains. This month included meetings with several departments including: Process Engineering, Wastewater Treatment, Facilities, Resource Recovery, and Clean Water Quality and Technology.
- Continued preparation of detailed design of the Central Operations Facility Switchgear Upgrade project.
- Designer submitted Concept Finalization Report for Blue Plains Influent Structure Rehabilitation Project and held a review meeting with stakeholders.
- Miscellaneous Facilities Upgrades – Phase 5 (MFU-5) project completed the construction of a chemical containment shed and system. This construction eliminated a potential safety hazard due to the manual handling and transferring of chemicals by plant operators.
- Miscellaneous Facilities Upgrades – Phase 6 (MFU-6) project completed construction for installation of new influent screens at the Main Pump Station.
- The Electrical & Mechanical Design group is supporting DC Water operations and maintenance by providing engineering support to issues such as HVAC needs at O Street Pump Station, lightning protection at Elevated Tank No. 2 at Fort Reno, power issues at Fleet Facility, and storm water pumping at Blue Plains adjacent to the COF.

Engineering and Technical Services

Accomplishment(s)

- Conducted a bid opening on for Small Diameter Water Main Project 13D. Seven bids were received, and the apparent low bid was \$7.6M, nearly \$1M below the Engineers estimate.
- Submitted the annual Water Quality submittal for the Partnership for Safe Water.
- Issued a Task Order for the inspection of 2.14 miles of 30" and 36" PCCP Water Main.

Operational Performance

- Started the evaluation on the Trump Hotel basement backup.
- Initiated the engineering support for the reactivation of the Upper Potomac Interceptor.
- Initiated updates to Combined Sewer Operations and Maintenance manual.
- Effort to better quantify and track water use (pumped in and customer demand) by pressure zone has begun, with stakeholders identified and kick-off meeting held.

Progress Report

- Continue planning and pre-design for the following CIP Projects:
 - RC07 Major Sewer Rehab 1-5 (Northeast Boundary)
 - RD03 Oxon Run Rehabilitation
 - QS02 Local Sewer Rehab Project 5-2.
 - RC01 Rehabilitation of Rock Creek Main Interceptor & Beach Drive Sewers
 - IL02 Creek bed Rehabilitation at Dumbarton Oaks
 - IM04 Creek bed Rehabilitation at Fort Dupont
 - G204 Rehab Gate Structure 5A, 5B, 5C, & Poplar Point PS Junction.
- Started updating Info Asset Planner (Info Master) to reflect the GIS sewer model updates and integrating all major Pipeline Assessment Certification Program (PACP) data.
- Continued the pipe rehabilitation design for LZ03 Potomac Interceptor (PI) Phase 1 Pipe Rehab at Clara Barton Parkway.
- Continued database development for Potomac Interceptor laterals identification for LZ02 PI Access Road
- Continue contract procurement for the design-build team for LZ07 Rehabilitation of the PI between MH31 and MH30
- Continue the business case evaluation for 3rd St and Constitution Ave NW Pumping Station to determine the need for rehabilitation.

Progress Report (con't)

- Continue the development of a high-level dashboard to track the Small Diameter Water Main Renewal Program (SDWMR) and the Local Sewer Main Rehabilitation Program (LSMR).
- Initiated the development of a Local Sewer Inspection Program task order.
- A new phase of water main pipe condition assessment tasks was started. Stakeholders gathered for the kick-off meeting and specific objectives for the next two major assessments were planned.
- Continue discussions with the EPA to identify opportunities to collaborate and test new technologies.
- Small Diameter Water Main Replacement (SDWMR) Program progress:
 - Preliminary design workshop was held for SDWMR Project 15A.
 - Received approval for five (5) Traffic Control Permits (TCP) from DDOT.
 - Submitted seven (7) TCPs to DDOT for approval.
 - Received final permit approval for SDWM Project 14A.
 - Transitioning SDWMR Project 13B from Design to Construction.
 - Issued Addendum No. 1 for SDWMR Project 13C.
- Completed As-built Research Request for the following design locations:
 - Chestnut NW, between Western Ave. and Oregon Ave.
 - 13th St. NE, between East Capitol St. and North Carolina Ave. NE.
 - 18th St. St. & Constitution Ave. NW
 - Ross Drive NW at Rock Creek Park
- Completed Design Reviews for the follow DDOT projects:
 - Connecticut Ave. Streetscape
 - 16th St. NW Bus Lanes

News and Events

- On January 15, 2020, Interagency Planning & Permitting and Marketing and Communications staff attended a Mayor's Walk beginning at UDC. With NPS's approval, DC Water informed the Mayor, ANC members in attendance, and members of the public that NPS and DC Water have worked collectively on the Soapstone Valley Park Sewer Rehabilitation Environmental Assessment as required by the National Environmental Policy Act and that DC Water has satisfied NPS requirements and are waiting for things to be finalized.

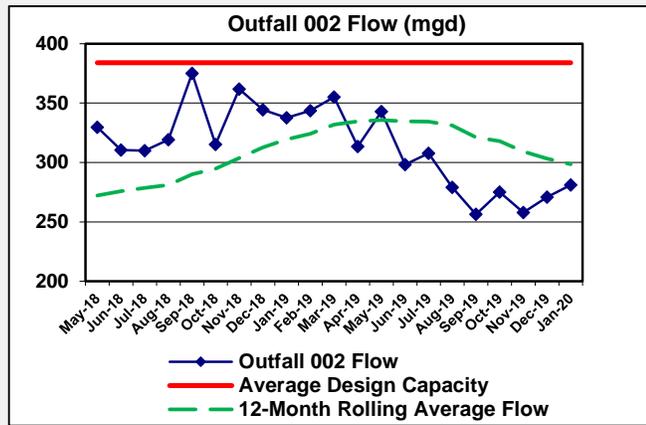


Wastewater Operations

Operational Performance

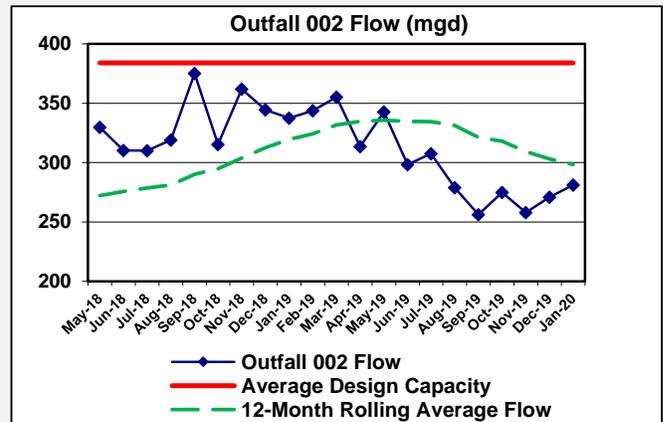
Blue Plains Complete Treatment Performance:

- Average plant performance for the month of January 2020 was excellent with all effluent parameters well below the seven-day and monthly NPDES permit requirements.
- The 12-month rolling average flow ending January 2020 is 299 MGD. Plant influent flow rates have declined to levels observed prior to 2018, the wettest calendar year on record.

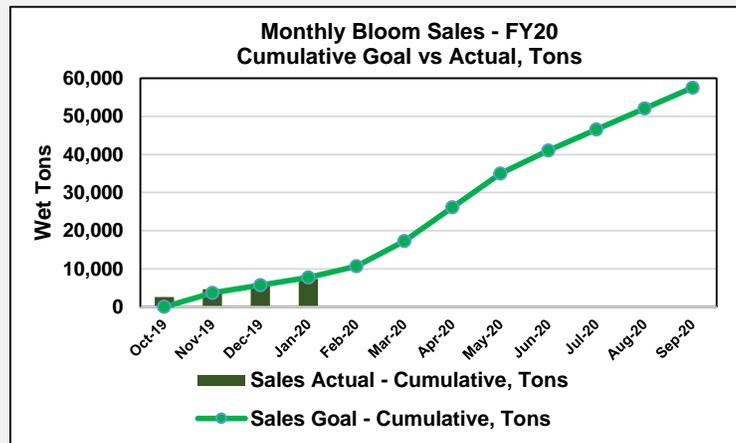


Blue Plains Complete Treatment Performance:

- Average plant performance for the month of January 2020 was excellent with all effluent parameters well below the seven-day and monthly NPDES permit requirements.
- The 12-month rolling average flow ending January 2020 is 299 MGD. Plant influent flow rates have declined to levels observed prior to 2018, the wettest calendar year on record.



- Wet Weather Treatment Facility (WWTF) Performance:** In January, a total of 142 million gallons (MG) of combined wet weather flows, captured in the tunnel system, were treated through the WWTF and directed to the main plant to maximize the complete treatment. There were no measured overflows and no discharge of treated captured combined flows to the wet weather treatment outfall (Outfall 001).
- Class A Biosolids Quality:** All biosolids produced during the month of January 2020 met Class A Exceptional Quality (EQ) requirements. Fecal coliform values in daily biosolids cake samples, analyzed by DC Water Laboratory, have remained below 10 MPN/gram and well below the 1,000 MPN/gram requirement for Class A certification.
- Bloom Marketing:** The total tons of Bloom marketed through the end of January 2020 is approximately 7,400 tons and met the cumulative sales target for the period. The goal for the current fiscal year is 60,000 tons or approximately 40 percent of anticipated total Class A biosolids production.



Progress Report

- Employee Training – Chemical Systems**
 Eighty (80) operations staff received training on General Chemical Deliveries Standard Operating Procedures (SOP) which highlighted changes/enhancements to existing procedures. Training was initially delivered to Operations Foremen, who in turn met with their respective crews and reviewed the updated SOP. In additions, twenty-two (22) operations staff, assigned to Solids Processing

Wastewater Engineering

Operational Performance

- In support of the resiliency strategic program, the Electrical & Mechanical Design group is working with Pepco to restart a project to establish back up feeders to our existing feeders to Blue Plains. This will improve reliability and reduce outage restoration in the event that there is trouble with an existing feeder.
- In support of the resiliency strategic program, executed a design-build contract for Floodwall Segment C at Blue Plains.
- In support of the resiliency strategic program, began development of procurement documents for design of additional power monitoring and control capabilities at Blue Plains.
- In support of the Customer Affordability strategic program, submitted an application to HSEMA for a FEMA grant for additional planning and concept design for the next segment of floodwall at Blue Plains, and for construction of improvements for the 9th and D St SW Stormwater Pump Station.
- Successfully issued the Notice to Proceed and project kickoff of the Floodwall Segment C Design Build construction project.

Progress Report

- Participated in Capital Program Procurement Leadership Council, whose mission is to establish a smooth transition of key processes from engineering to procurement.
- Continued assessment and planning for capital needs at Blue Plains. This month included meetings with several departments including: Process Engineering, Wastewater Treatment, Facilities, Resource Recovery, and Clean Water Quality and Technology.
- Continued preparation of detailed design of the Central Operations Facility Switchgear Upgrade project.
- Designer submitted Concept Finalization Report for Blue Plains Influent Structure Rehabilitation Project and held a review meeting with stakeholders.
- Miscellaneous Facilities Upgrades – Phase 5 (MFU-5) project completed the construction of a chemical containment shed and system. This construction eliminated a potential safety hazard due to the manual handling and transferring of chemicals by plant operators.
- Miscellaneous Facilities Upgrades – Phase 6 (MFU-6) project completed construction for installation of new influent screens at the Main Pump Station.
- The Electrical & Mechanical Design group is supporting DC Water operations and maintenance by providing engineering support to issues such as HVAC needs at O Street Pump Station, lightning protection at Elevated Tank No. 2 at Fort Reno, power issues at Fleet Facility, and stormwater pumping at Blue Plains adjacent to the COF.

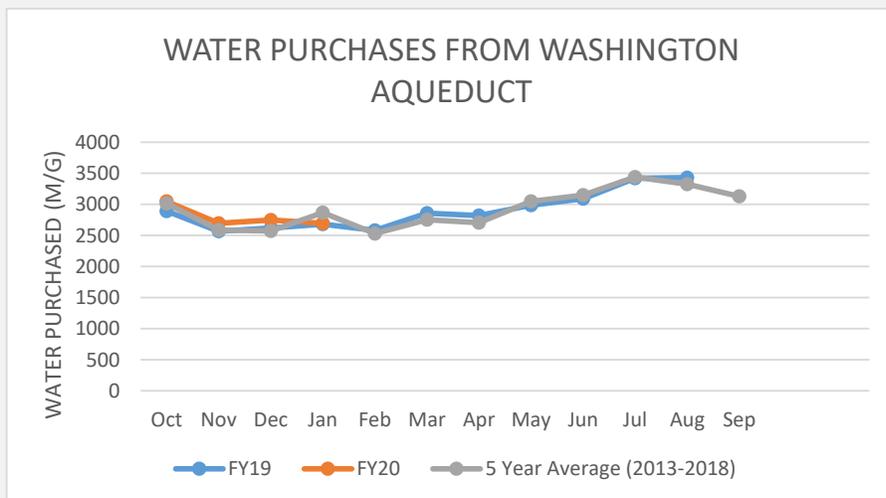
Pumping Operations

Accomplishment(s)

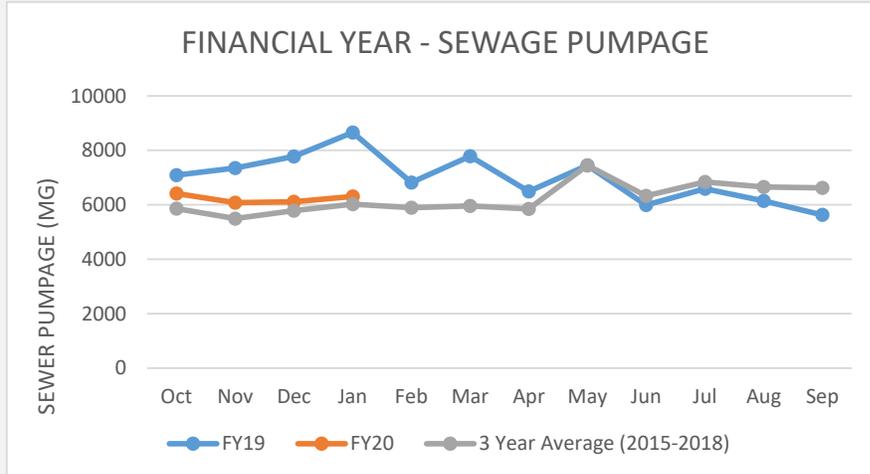
- The Operations team has begun training all wastewater operators at Potomac Pumping Station on the operation of the Water Distribution System. All shifts are being trained on the operation of the Water Distribution System
- The PI team is working on the operation of MJUF reimbursable cost for DPO and Sewer Services
- Industrial cleaning of all 6 Odor Control Facilities have been completed
- As part of Long-Term Corrosion Prevention program, the Potomac Interceptor team has started screening contractors to pilot point repair with spray method sending divers into the pipe avoiding disruptive bypass pumping
- Scope and concept design for the short-term solution for the Potomac Interceptor exposed segment cause by July 8, 2019 storm submitted to NPS and accepted. The Long-term solution to fix the recurring erosion issue at Cabin Johns to be discussed with National Park Service and WSSC
- An orientation to the upcoming Potomac Interceptor emergency drill was conducted
- WATS implementation and Differential pressure study strategy was initiated
- Screens 1 and 2 have been installed at Main Pump Station and are functional
- DPO now has 7 Certified Reliability Leaders and we are continuing the road toward world class reliability
- Fort Reno Pump Station pump replacement project is underway
- O Street Pump Station Screen replacement submittal phase underway

Operational Performance

- The water purchases for the month of January 2020 was 2695.36 MG which is down 6% of the 5-year average. For the past 2 years, there has been a downward trend of Water Purchases from WAD.



- There is has been a significant decrease in the amount of sewage pumpage over the past 2 years. This is due to the decrease in rain events we've had over the past several months. This month we pumped 6312.27 MG of sewage.



- The Potomac Interceptor team has had zero odor complaints from residents at five odor control sites as well as all pump station odor control facilities.
- Potomac Interceptor Site 17 is shut off as the media has become hard, but work is in progress at this site to get it repaired as soon as possible
- The Tunnel VCVs are being inspected weekly. VCV air permit has been submitted
- Brentwood Reservoir was reactivated after cleaning and disinfection of the 25MG facility along with disinfection of approximately 17,000 LF of 66" and 48" water main. This endeavor provided an engaging experience between multiple departments
- Maintenance's work order backlog total is 143. See below:

Age	Count	%
< 30 Days	70	49%
30 - 60 Days	30	21%
60 - 90 Days	12	8%
> 90 Days	31	22%
Total	143	

Progress Report

- Media Replacement directly from the supplier on a pilot basis to extend the life of the media and improve efficiency at Site 17
- Odor Survey and frequent odor samples are being taken from all the odor control facilities to measure the saturation of the media
- Potomac Interceptor OCF optimization plan underway
- Quarterly MDOT meetings are happening regarding the expansion project

Permits

Accomplishment(s)

- DC Water Board of directors approves update to permit review fees – to be effective 3/2/2020 which will result in a relatively small dollar increase in fees but much greater clarity and consistency of fees across the community.

Progress Report

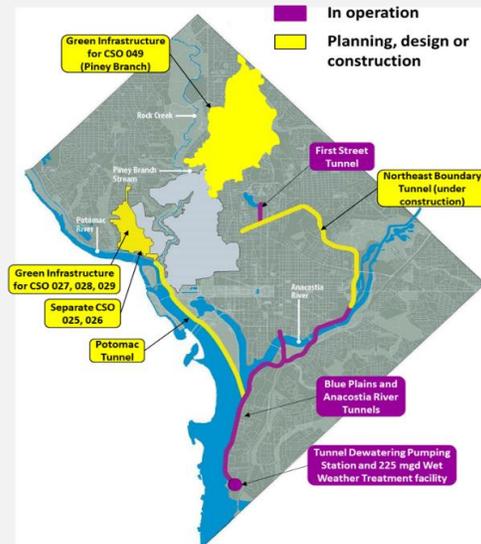
- Permit Operations processed 257 permit application tasks, 207 were completed on-time for a monthly KPI average of 81% (See table below)
- Approximately \$7,500.00 Affordable Housing SAF credits were recognized/provided.
- Permit Ops. collected approximately \$210,000.00 in plan review fees
- Permit Ops. collected approximately \$145,000.00 in new SAF Fees
- Permit Operations collected approximately
 - \$115,000.00 in Flat and Reimbursable Water Services Inspection fees
 - \$196,000 in Flat and Reimbursable Sewer Services inspection fees
 - \$315,215.00 in Flat and Reimbursable Construction Inspection fees

 Completed Applications Summary Application Type: ALL From: 01/01/2020 To: 01/31/2020						
Month	Application Code	Application Type	# Processed	# Processed Within Time	% Processed Within Time	Avg Time to Completed (days)
January 2020						
	APR	Approved Plan Revision Request	5	4	80%	20
	HOME	Single Family Home Permit App	74	59	80%	10
	PPRL	Preliminary Plan Review - Large	41	35	85%	25
	PPRS	Preliminary Plan Review - Small	48	35	73%	18
	RAZE	Raze Permit	15	12	80%	13
	SHEET	Sheeting and Shoring Permit	9	7	78%	26
	WSAC	Water & Sewer Avail Cert	65	55	85%	32
Totals:			257	207	81%	

Clean Rivers

Accomplishment(s)

- Achieving 90% overall capture rate, exceeding the projected 80% capture rate at this stage of implementation.



Operational Performance

- **Performance of Anacostia River Tunnel System**
Captured nearly 7.2 billion gallons of combined sewer overflows and over 3,300 tons of trash, debris, and other solids (March 20, 2018—February 13, 2020) that would otherwise have overflowed to the Anacostia River

Progress Report

- Continue planning and pre-design for the following CIP Projects:
 - RC07 Major Sewer Rehab 1-5 (Northeast Boundary)
 - RD03 Oxon Run Rehabilitation
 - QS02 Local Sewer Rehab Project 5-2.
 - RC01 Rehabilitation of Rock Creek Main Interceptor & Beach Drive Sewers
 - IL02 Creek bed Rehabilitation at Dumbarton Oaks
 - IM04 Creek bed Rehabilitation at Fort Dupont
 - G204 Rehab Gate Structure 5A, 5B, 5C, & Poplar Point PS Junction.
- Started updating Info Asset Planner (Info Master) to reflect the GIS sewer model updates and integrating all major Pipeline Assessment Certification Program (PACP) data.
- Continued the pipe rehabilitation design for LZ03 Potomac Interceptor (PI) Phase 1 Pipe Rehab at Clara Barton Parkway.

Progress Report (con't)

- Continued database development for Potomac Interceptor laterals identification for LZ02 PI Access Road
- Continue contract procurement for the design-build team for LZ07 Rehabilitation of the PI between MH31 and MH30
- Continue the business case evaluation for 3rd St and Constitution Ave NW Pumping Station to determine the need for rehabilitation.
- Continue the development of a high-level dashboard to track the Small Diameter Water Main Renewal Program (SDWMR) and the Local Sewer Main Rehabilitation Program (LSMR).
- Initiated the development of a Local Sewer Inspection Program task order.
- A new phase of water main pipe condition assessment tasks was started. Stakeholders gathered for the kick-off meeting and specific objectives for the next two major assessments were planned.
- Continue discussions with the EPA to identify opportunities to collaborate and test new technologies.
- Small Diameter Water Main Replacement (SDWMR) Program progress:
 - Preliminary design workshop was held for SDWMR Project 15A.
 - Received approval for five (5) Traffic Control Permits (TCP) from DDOT.
 - Submitted seven (7) TCPs to DDOT for approval.
 - Received final permit approval for SDWM Project 14A.
 - Transitioning SDWMR Project 13B from Design to Construction.
 - Issued Addendum No. 1 for SDWMR Project 13C.
- Completed As-built Research Request for the following design locations:
 - Chestnut NW, between Western Ave. and Oregon Ave.
 - 13th St. NE, between East Capitol St. and North Carolina Ave. NE.
 - 18th St. St. & Constitution Ave. NW
 - Ross Drive NW at Rock Creek Park
- Completed Design Reviews for the follow DDOT projects:
 - Connecticut Ave. Streetscape
 - 16th St. NW Bus Lanes

News and Events

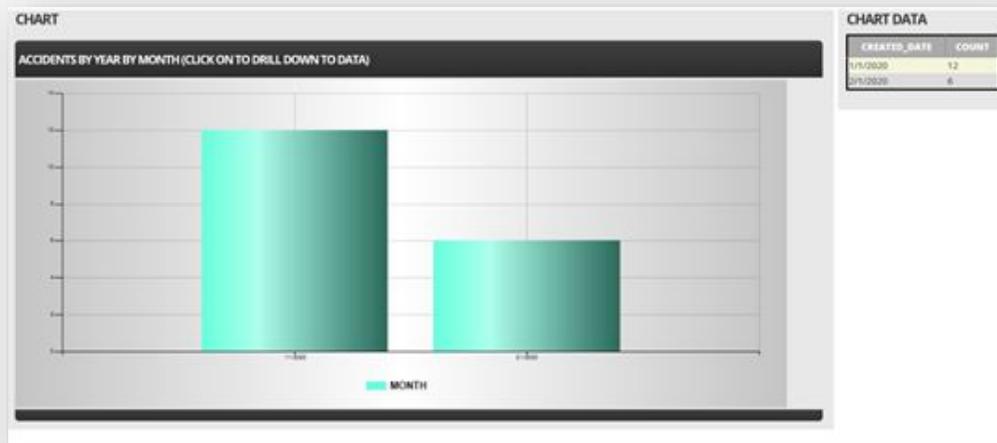
- On January 15, 2020, Interagency Planning & Permitting and Marketing and Communications staff attended a Mayor's Walk beginning at UDC. With NPS's approval, DC Water informed the Mayor, ANC members in attendance, and members of the public that NPS and DC Water have worked collectively on the Soapstone Valley Park Sewer Rehabilitation Environmental Assessment as required by the National Environmental Policy Act and that DC Water has satisfied NPS requirements and are waiting for things to be finalized.

Office of Administration

Fleet

Operational Performance

- Vehicles/Equipment overall availability 83% month of January 2020
 - Priority #1 units –74%
 - Priority #2 units- 82%
 - Priority #3 units- 92%



Progress Report

- Fleet completed the transition process transferring contract employees to temporary staffing contract with KLSL Consulting LLC
- Continue working with managing departments CFO-Budget, People/Talent to process approved (6) FTEs in-sourcing fleet maintenance FY2020-2021 process
- The Department of Fleet Management continues to collaborate with REG Marketing & Logistics Group, (REG) and Optimus Technologies have agreed to a Pilot Project for funding up to \$200K for B100 (neat biodiesel) for (9) units.
- Fleet Winter preparation is in high gear
- Fleet has begun the placement holder process for acquisition on engines for ordering heavy equipment
- Director Tim Fitzgerald was a panelist at GeoTab Connect 2020 conference in San Diego, CA January 13-17
- Director Tim Fitzgerald has been nominated for the Government Fleet Expo, Fleet Executive Hall of Fame

News and Events

- National Association of Fleet Administration 2020 Conference -nominations application due March 5th for the Excellence in Corporate/Private Fleet and Mobility Management and Excellence in Public Fleet or Mobility Management and 100 Best Fleets recognitions- April 6-8 2020
- 2020 Government Fleet Expo & Conference -application submitted February 14th for “Leading Fleets” recognitions May 18-21 2020

Facilities

Operational Performance

- Facilities is working in coordination with Procurement on a new A/E basic ordering agreement contract for program management, design and construction management services to support land use and non-process capital projects.
- Facilities is working in coordination with People & Talent to reorganize the Facilities Department, primarily using existing personnel/FTE's. The reorganization is designed to support proactive maintenance of DC Water facilities and the new land use element within the Department.
- Facilities, in coordination with Safety is preparing for safety, health and hygiene observations, collecting baseline data for all of DC Water's non-regularly occupied facilities.

Progress Report

- **Some of the Projects completed:**
 - Remodeled Command Center in HQ
 - Supported 6 Blue Drop Events
 - Supported 13 Boardroom/Department events

Active Projects:

- Cleaning and painting pipes in the Multimedia Gallery at Blue Plains WWTP
- Cleaning and painting pipes in the sub gallery at Main Pump Station
- Installed new chiller on COF HVAC system
- Renovating two kitchens at Main Pump Station
- Renovating kitchen in CMF Switchgear Shop
- CMF mezzanine level water leaks investigation
- HQ Pilot compost program
- FT Reno Trailers (Permit pending)
- DSLF Roof Replacement, Blue Plains
- Elevator car upgrades at Blue Plains Secondary Control Building
- CMF Clean Rivers area duct cleaning
- Upgrades to Welding Shop at O Street Campus (note, this work is a result of information obtained in the Health & Hygiene Assessment)
- Upgrades to Fleet Building at O Street Campus (note, this work is a result of information obtained in the Health & Hygiene Assessment)
- Fort Reno PS Tank Roof replacement and lightning protection system installation

- **Upcoming Projects:**
 - Replace safety rails at Deanwood Pump Station
 - Resurface bathroom floor at Nitrification Blower Building, Blue Plains
 - Renovate kitchen in Multimedia Building, Blue Plains
 - Solids Building Elev 107' Roof Coating
 - CMF Electrical shop basement mold remediation
 - HQ campus flag poles installation and CSO light move to improve visibility along the Anacostia River.

Emergency Management

Operational Performance

- Provided training to DC Water staff on the Everbridge Alert Communications system on January 23rd and 24th to increase employee knowledge of emergency communications capabilities during emergencies.
- In collaboration with Safety, Security, and Office of Marketing and Communications, a Coronavirus awareness message was compiled and sent to staff to assist staff in understanding the increased efforts by DC Water departments to monitor the pandemic health event and to provide staff with good hygiene methods to protect themselves and their families.
- Provided a seminar on the Potomac Interceptor Emergency Response Plan and an initial planning meeting on January 22nd to prepare for a functional exercise later this year that will involve coordinating response to the Potomac Interceptor assets.
- In partnership with Operations, enhanced communication methodologies between DC Water and external partners by assisting to draft an External Communication Standard with Washington Aqueduct.
- Participated in HSEMA's Combined Quarterly ICC/Critical Infrastructure Working Group on January 14th to enhance coordination and communication between DC Water and NCR external partners.
- Participated in DC Silver Jackets and DC Flood Risk Campaign Team meetings on January 27th to foster collaboration between NCR critical infrastructure groups and promote education material on the topic of flooding to the public.
- During the State of the Union Address (SOTUA) on February 4th, emergency management staff supported HSEMA's Emergency Operations Center (EOC) Activation and serviced as an on-site emergency liaison officer and supported two virtual platforms for critical infrastructure situational awareness and intel sharing.
- Facilitated Blue Plains CMF Fire Incident 1/9/20 After Action Meeting and Lessons Learned Discussion on January 28th to discuss successes and identify improvement needs to increase Authority-wide emergency response capabilities and fire prevention measures.
- Attended National Capital Region Threat Intelligence Consortium (NTIC) Liaison Summit on February 6th.

Progress Report

- In partnership with District's Incident Management Team academy, five DC Water staff attended HSEMA's 0-305 All Hazards Incident Management Team (IMT) Course, Feb.3-7, 2020.
- Facilitated four Incident Command System (ICS) trainings (100, 200, 700, 800) on February 12th – 13th at two different DC Water locations.
- On February 14th, presented on field situational awareness resources during Union Management Safety Committee Meeting.

Progress Report (con't)

- Submitted two hazard mitigation grant applications, Blue Plains flood wall design advanced assistance application and 9th and D St storm water pump station capacity and resilience application, to the District of Columbia's Homeland Security and Emergency Management Agency for consideration of award by Federal Emergency Management Agency.
- On February 12th, assisted Security in having a security and resilience assessment of Blue Plains conducting by Cybersecurity and Infrastructure Security Agency - Protective Security Advisors through use of the Infrastructure Survey Tool.

News and Events

- February 19th, District's AWR-213 Critical Infrastructure Security and Resilience Awareness Course at Blue Plains CMF
- February 25th, 2020 Health and Medical Coalition Hazard Vulnerability Assessment workshop
- February 25th, Active Threat Active Shooter seminar at Blue Plains in CMF building

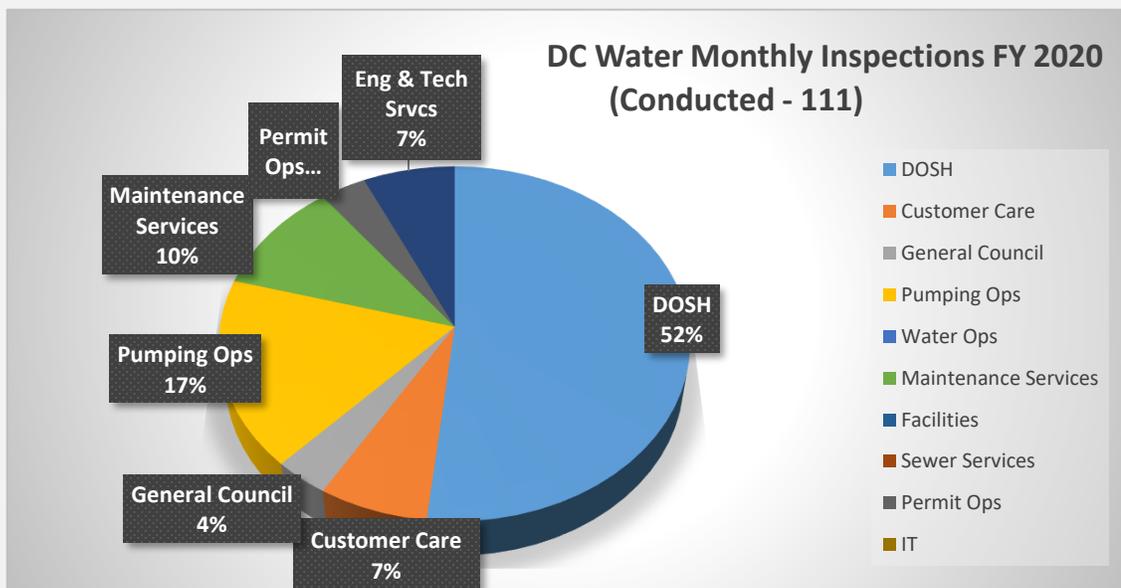
Security

- Operational Metrics - December
 - Visitors – electronically documented
 - 1. HQO – 564
 - 2. BP Visitor Center – 1261
 - 3. Gate A - 607
 - 4. Bryant Street– 39
 - Security Services– 65 (incidents/accidents/support services)
 - Locksmith Services – 15 service requests
 - Blue Drop - 4 events
 - Trainings – Armed Officers – 3 topics

Safety

Accomplishment(s)

- Safety Operations Specialist Tameca Miles presented Vernell Shipman, Meter Reading Foreman, with a Safety Team pin for her great work with the new Safety Risk System (SRS). Vernell has been doing a wonderful job getting her safety requirements done in SRS. Since our soft launch in August 2019, she has enthusiastically assisted others in her area with getting their tasks done and staying on top of the SRS administration team to resolve access issues. She has patiently worked with administrators to resolve the light user's view of inspection related corrective actions. So now when the light users (Supervisors) log into the system, they will all see the outstanding corrective actions awaiting completion. **Her consistent willingness, diligence, and patience are exactly what our safety culture needs to keep moving our data goals forward. Thank you Vernell for always being committed to getting the job done!!**



Operational Performance

- For FY 2020 the Authority has conducted 111 of various types of Safety Assessment (ex. Crew Inspections, Housekeeping Inspections, Construction Inspections, etc.). The chart in this report is a breakdown of inspections / assessment conducted per department.
- Finalized and posted the OSHA 300A form, throughout DC Water, as required by Law.
- Conducted a Safety briefing during New Employee Orientation held at the HQ Building.
- We continue our joint efforts w/ Facilities pertaining to the Health and Safety Initiative. All of the occupied spaces that were identified have been completely assessed. The corrective actions have been taken on by Facilities.

Operational Performance(con't)

- DOSH continues to work w/ & support various departments on all matters related to safety, health & environmental within the Authority. The following contains some listed example of our engagement;
 - Work key staffers at Bryant Street and Clean Ventures, our Hazardous Waste Disposal Vendor, to drop off additional empty drums at Bryant Street for use.
 - Work with Facilities & contractor on setting up lead inspection in the electrical substation, located behind the CMF Building and in the gallery beneath the Main Pumping station.
 - Work w/ Security & OEM on corrective actions pertaining to the Fire Inspection infractions that were sited recently.

Progress Report

- Acting Operations Safety Manager continues to work on finalizing format for our Safety Scorecard
- Working with the SRS Team identifying items and issues regarding
 - Notifications (multiple notifications for the same incidents)
 - User permissions
 - Workflow
 - Training
- **Origami**
 - Continue to work jointly w/ Risk & Workers Compensation
 - System creations and testing
 - Mobile Forms App hands on-training (Safety)
 - Light user guide completed and posted (DOSH Page, SRS Light User Dashboard)
- **How to Guides**
 - New Housekeeping How to Guide being created
 - General User Guide still in progress
 - Construction User guide not being used as the construction is not using SRS
 - Mobile App Guide technology upgrade by ITSC to begin
 - Light User Training placed on hold as we worked out the workflow issues brought up by WC/Risk
 - Access established in Dive-In to create
- **SRS Ticketing**
 - ITSC privileges granted
 - Tracking established in SRS/Origami moving forward
 - NON-ROCIP – Training Held

News and Events

- Currenting working on the Tier II Forms which are due March 1, 2020
- George Porter and Tameca Miles attended the User Conference held January 13-17, 2020 in San Antonio, TX and networking events.
- SRS Admin to support Safety in the field using app (November – January)
 - OPER – Training held
 - ROCIP
- IT partnership with our Microsoft Liaison to create a Team environment to support system users

ORGANIZATIONAL PERFORMANCE DASHBOARD (January 2020)

Financial Highlights

Net Operating Cash (\$tho)		Operating Revenue (\$m)		Operating Expenses (\$m)		Capital Disbursement (\$m)		Operating Cash Bal (\$m)	
Actual	66,223.00	Actual	245.00	Actual	175.80	Actual	103.20	Actual	211.10
Target	37,265.00	Target	236.90	Target	191.80	Target	150.50	Target	180.00

Core Invest Yield (%)		Short Term Invest Yield (%)		Delinquent Acct Receivables (%)		On-time Vendor Payments (%)	
Actual	2.37	Actual	1.40	Actual	2.13	Actual	95.40
Target	1.39	Target	1.48	Target	3.00	Target	97.00

Operations and Engineering Highlights

Lead Concentration (ppb) 	Total Coliform Rule (%) 	Biosolids Production (wet tons) Actual 466	Total Nitrogen (lbs/yr mil) 	
Plant Influent Flow (gal mil) 	Excess Flow (gal mil) 0	Water Main Leaks 36	Water Valve Leaks 3	
Fire Hydrants Insps. And Maint. 362	Fire Hydrants out of Service 34 	Fire Hydrants Replaced (YTD) 44 	Non-revenue Water (CCF Mil) Purchased 11.36 Sold 8.30	
Sewer Main Backups 5	Sewer Lateral Backups 112	Dry Weather CSO 0	Permits Processed within SLA (%) 81	Electricity Usage (Kwh) 20083

Customer Experience Highlights

Call Center Performance Actual 83%  Target 85%	Command Center Performance Actual 89%  Target 85%	First Call Resolution Actual 67%  Target 75%	Emergency Response Time Actual 10%  Target 90% (% of calls received)
--	---	---	--

Low Income Assistance Program Highlights

SPLASH Contributions (\$tho) Actual 24.27 Target 26.68	Customer Assist. Program (\$tho) Current 83.93 Previous 106.67
---	--

People and Talents Highlights

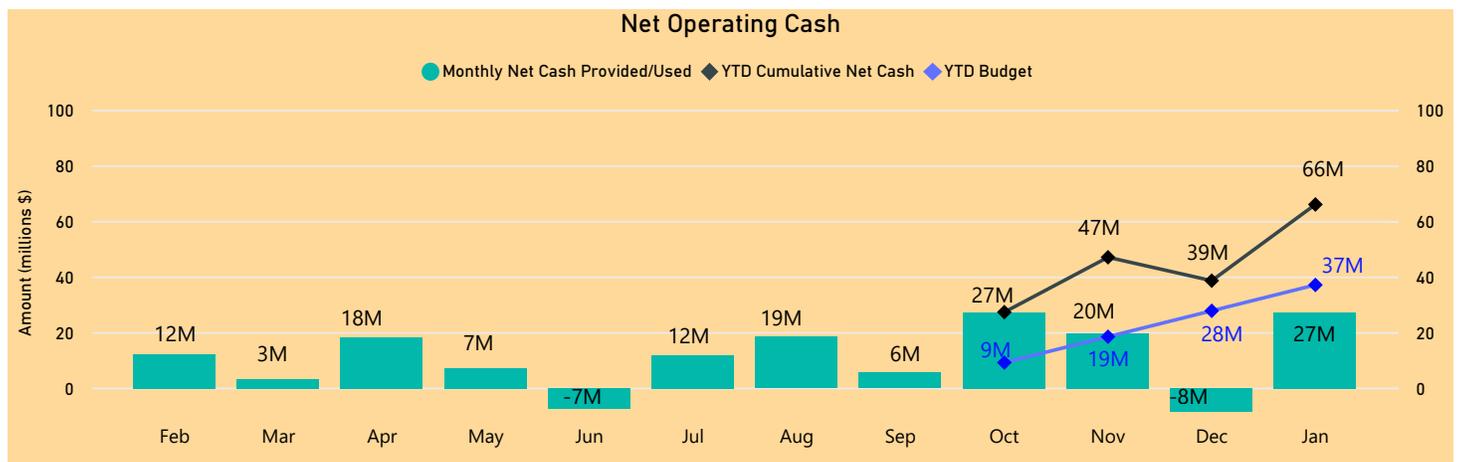
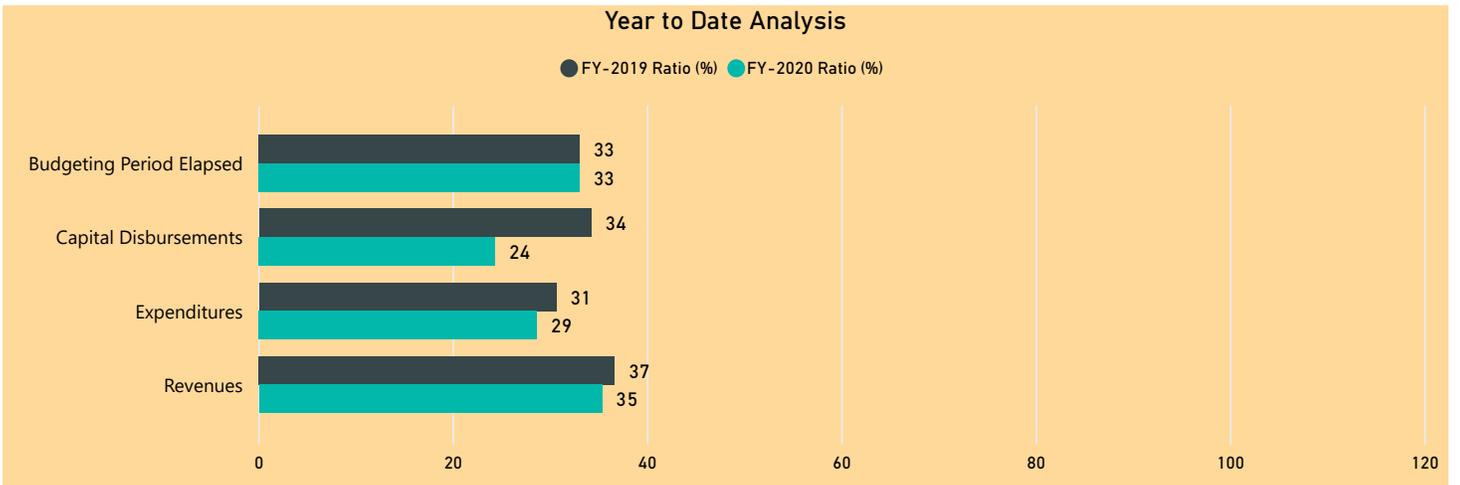
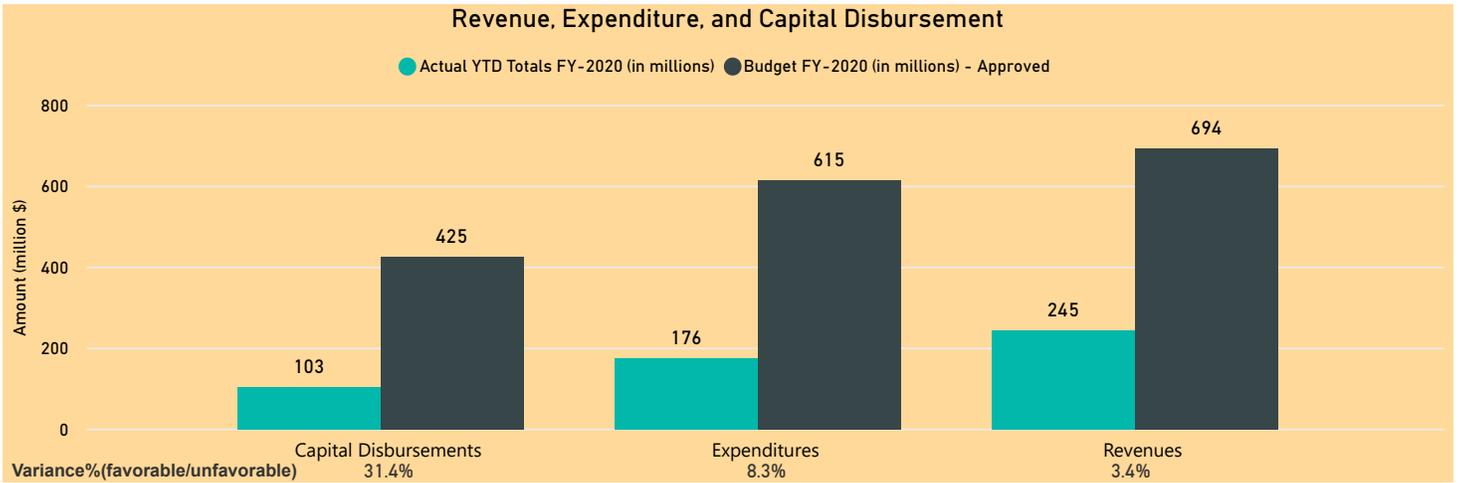
Recruitment Activity	
Filled	10
Open	24

Administration Highlights

Employee Lost Time Incidence Rate	
	0.40%

FINANCIAL HIGHLIGHTS

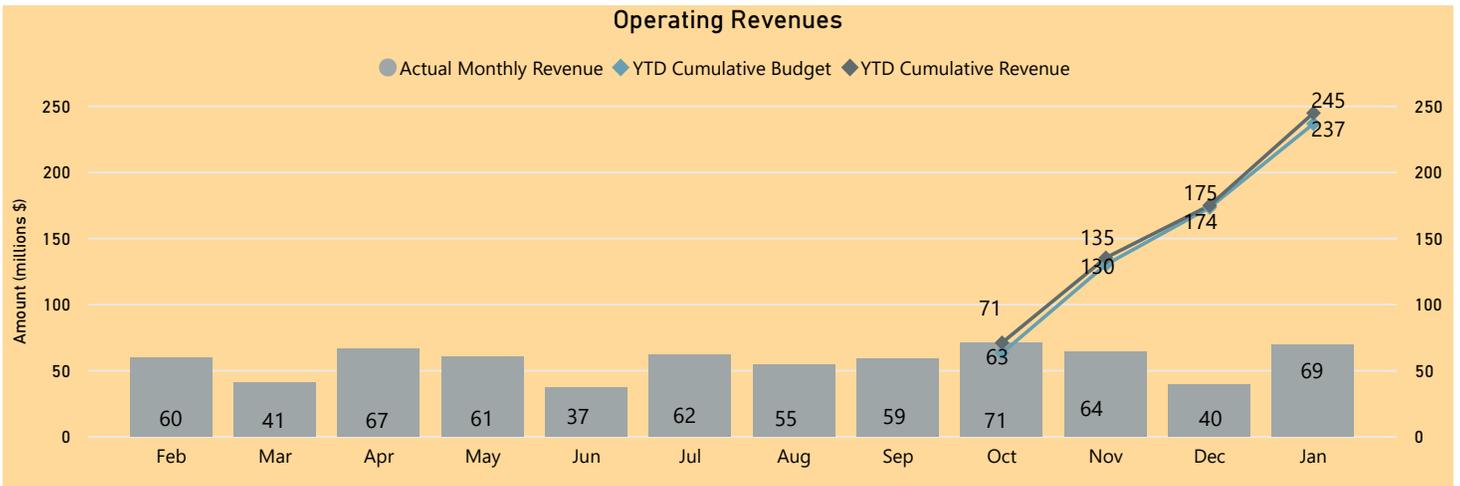
Financial Performance Summary



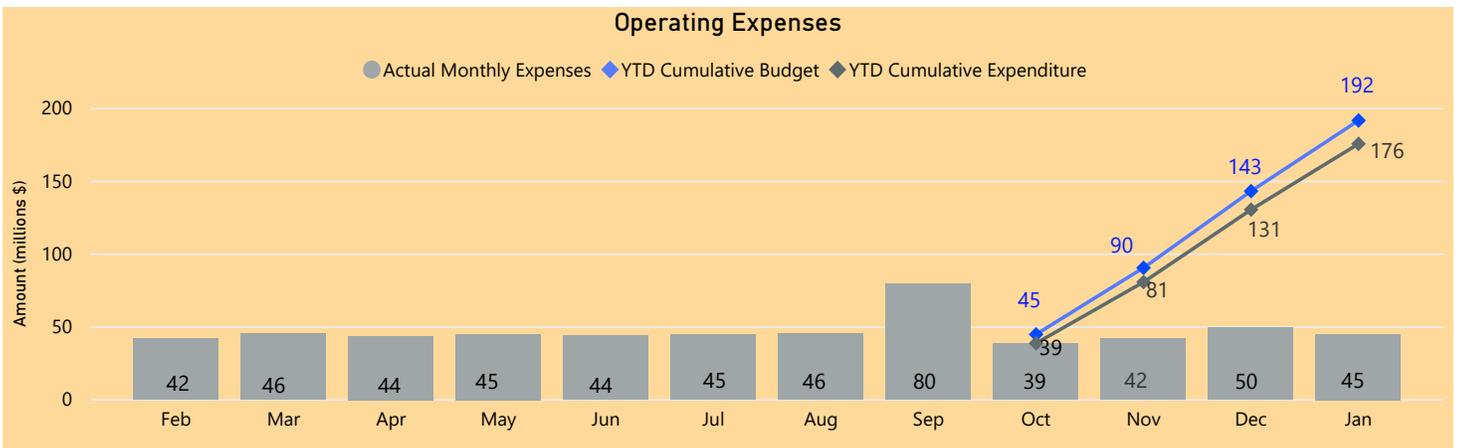
Net cash to date for January was above budget by \$29.0 Million

FINANCIAL HIGHLIGHTS

Revenues & Operating Expenses

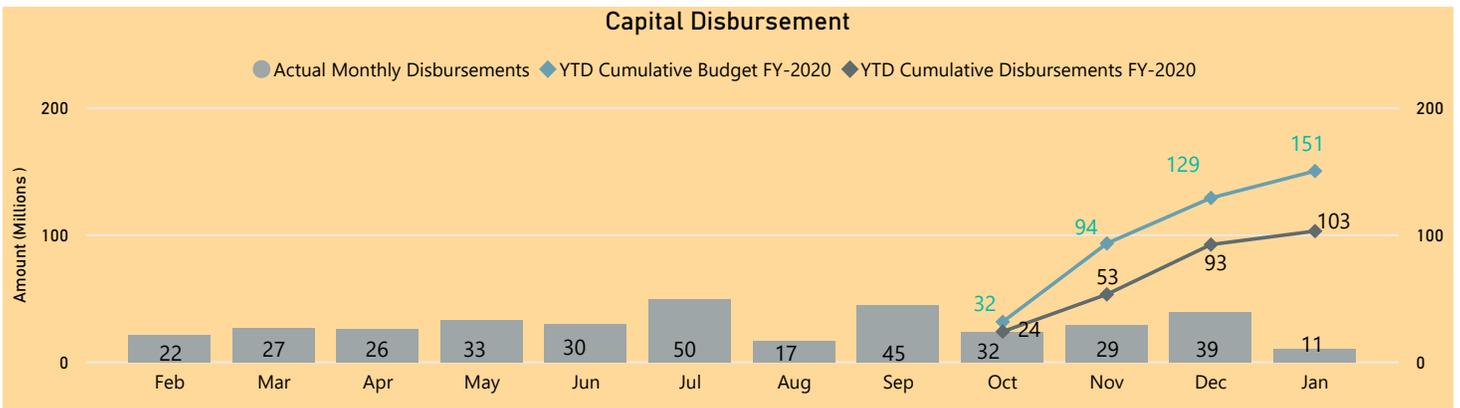


Revenue to date for January was above budget by \$8.1 Million



Expenditure to date for January was below budget by \$16.0 Million

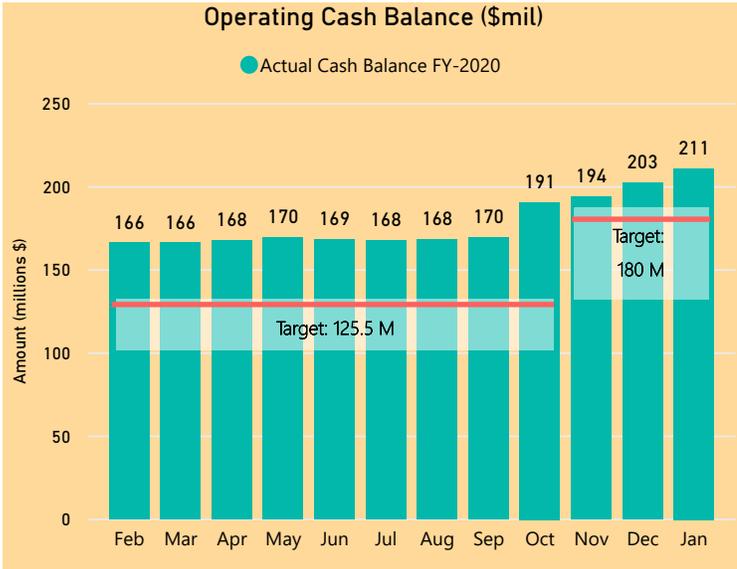
Capital Spending



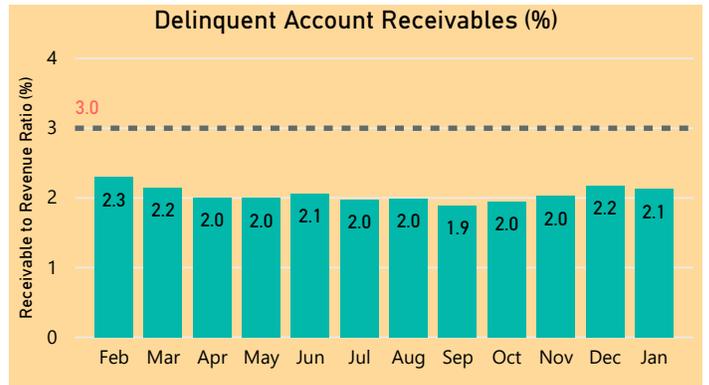
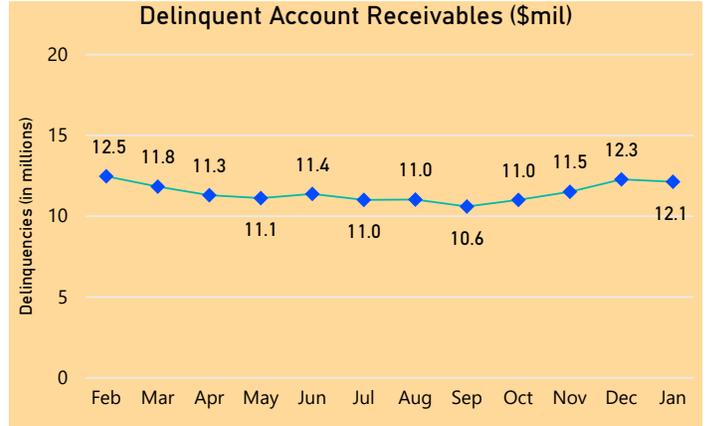
Disbursements to date for January was below budget by \$47.3 Million. YTD spending reflects comparison to the revised budget.

FINANCIAL HIGHLIGHTS

Operating Cash & Receivables

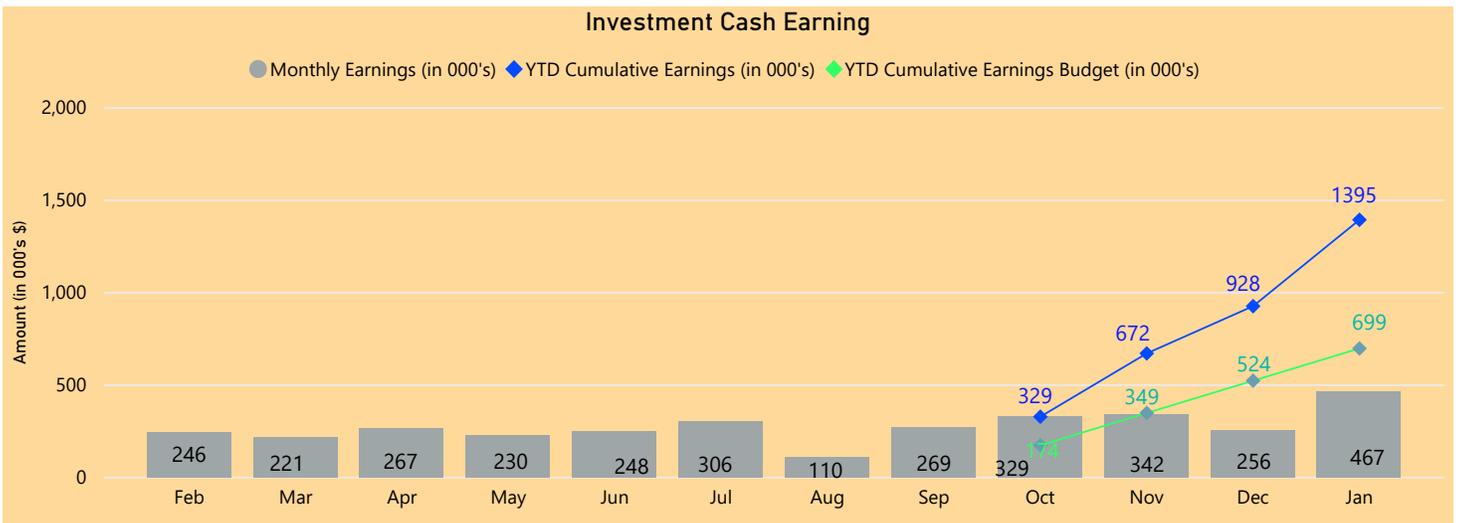


Cash Balance for January was above target by \$31.1 million



January Receivables to Revenue Ratio is 2.13, Delinquency is 12.13 million.

Investment Earnings

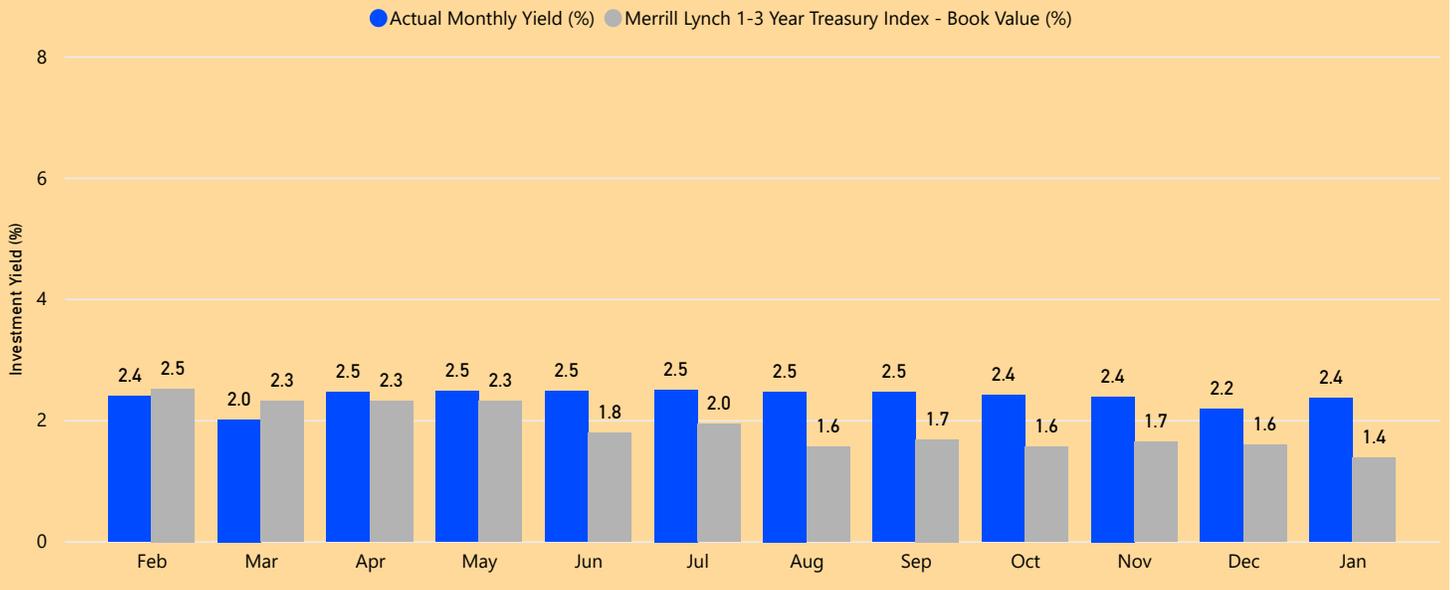


Earnings to date for January were above Projected Budget by \$696,194.

FINANCIAL HIGHLIGHTS

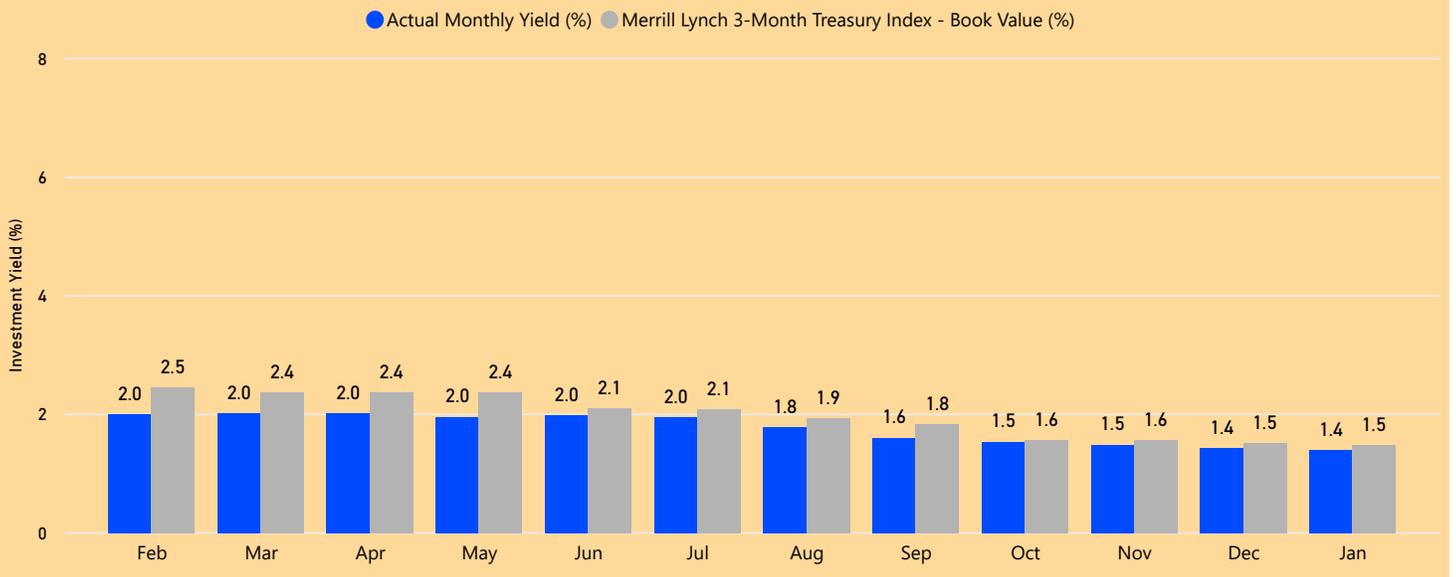
Investment Yields

Core Investment Yield



Yield for January was more than the treasury index by 0.98%

Short Term Investment Yield

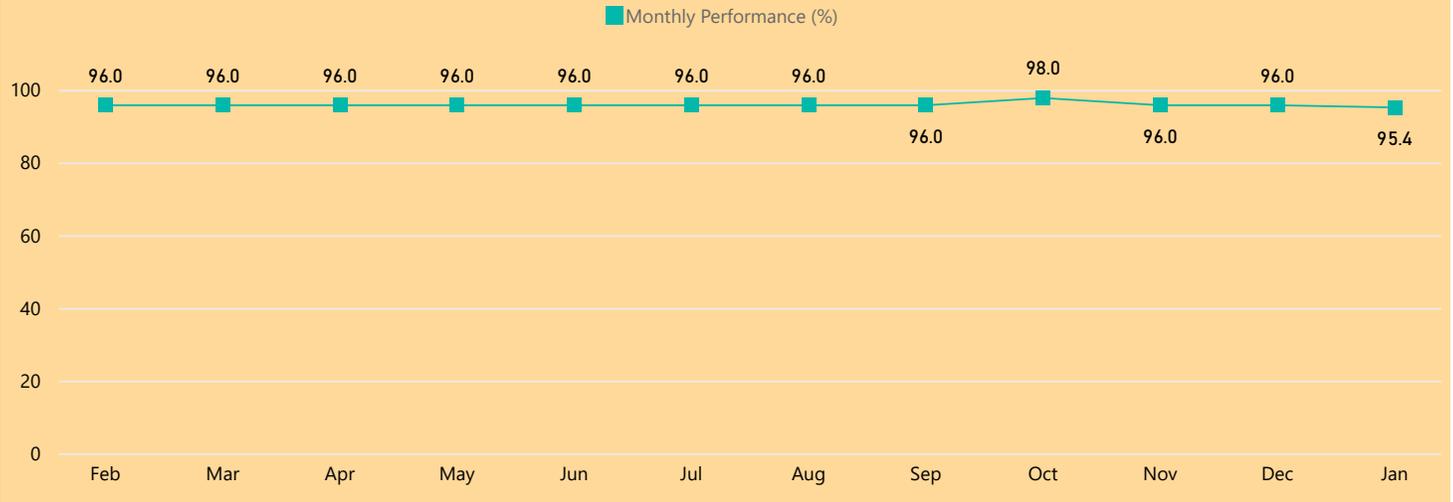


Short Term Yield for January was less than the Merrill Lynch yield by 0.08%

FINANCIAL HIGHLIGHTS

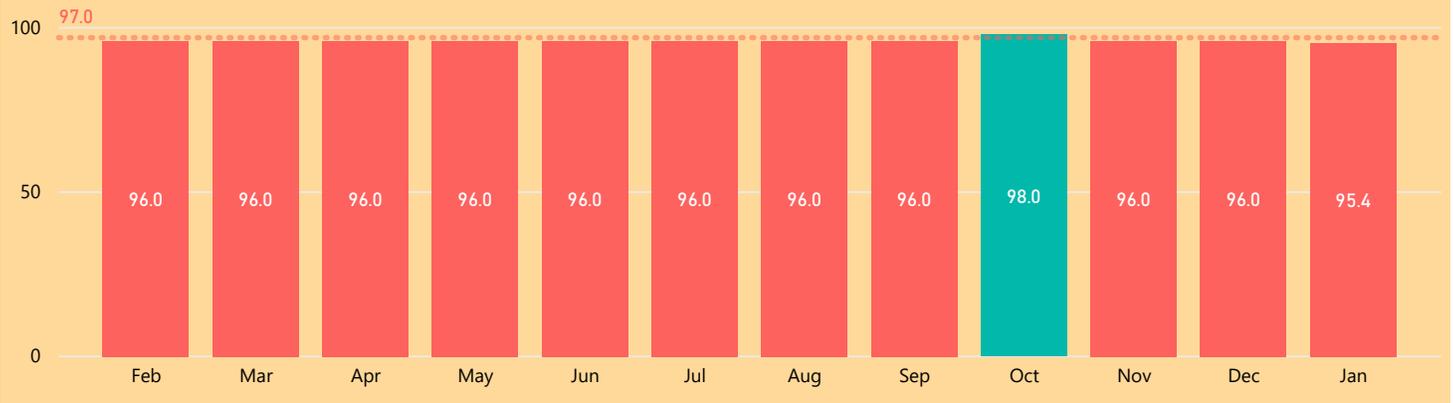
Vendor Payments

YTD Performance



Monthly Performance (%)

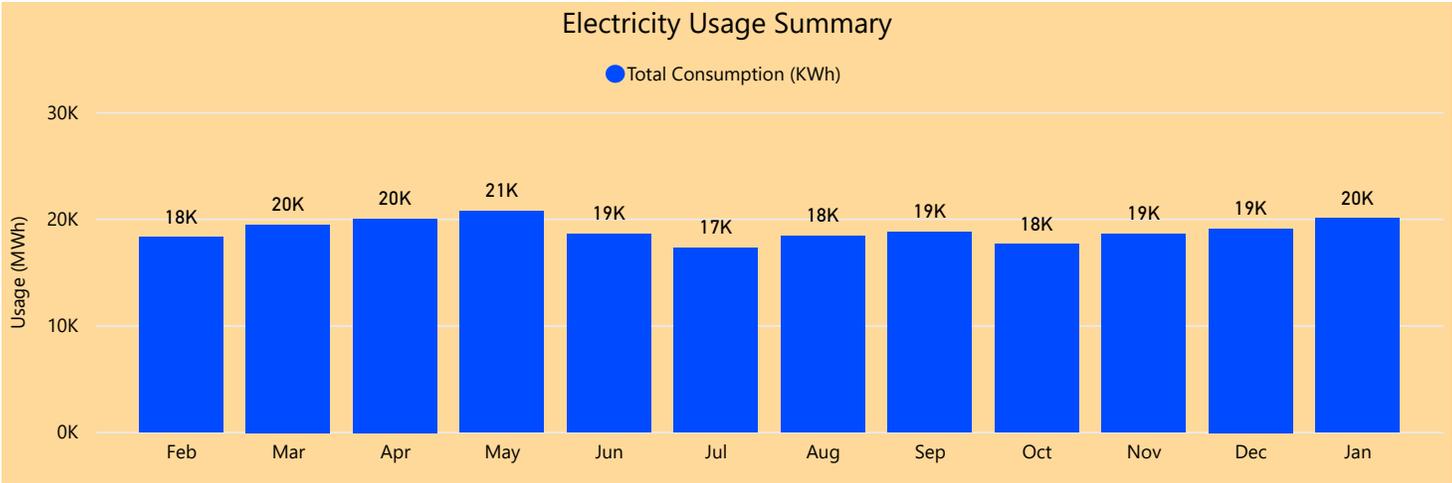
Target: 97%



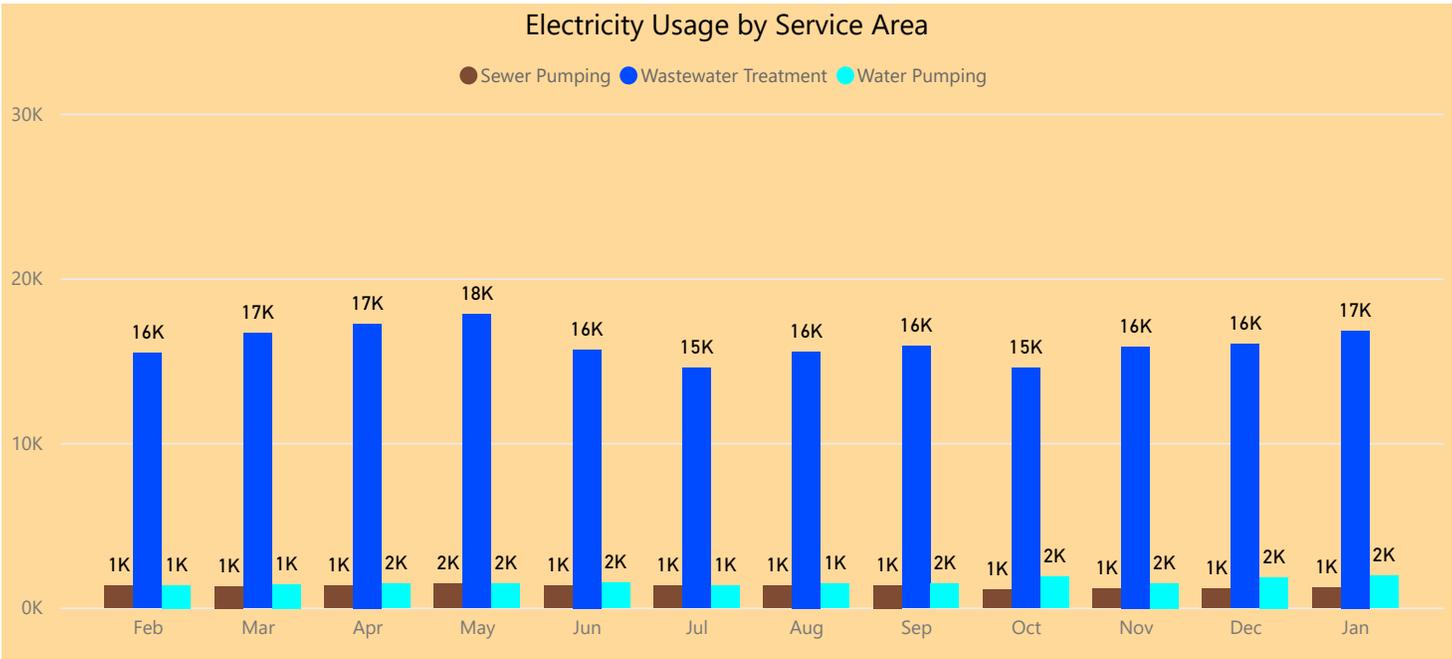
Performance for January was below the monthly target by 1.6%

OPERATIONS AND ENGINEERING

Energy Consumption



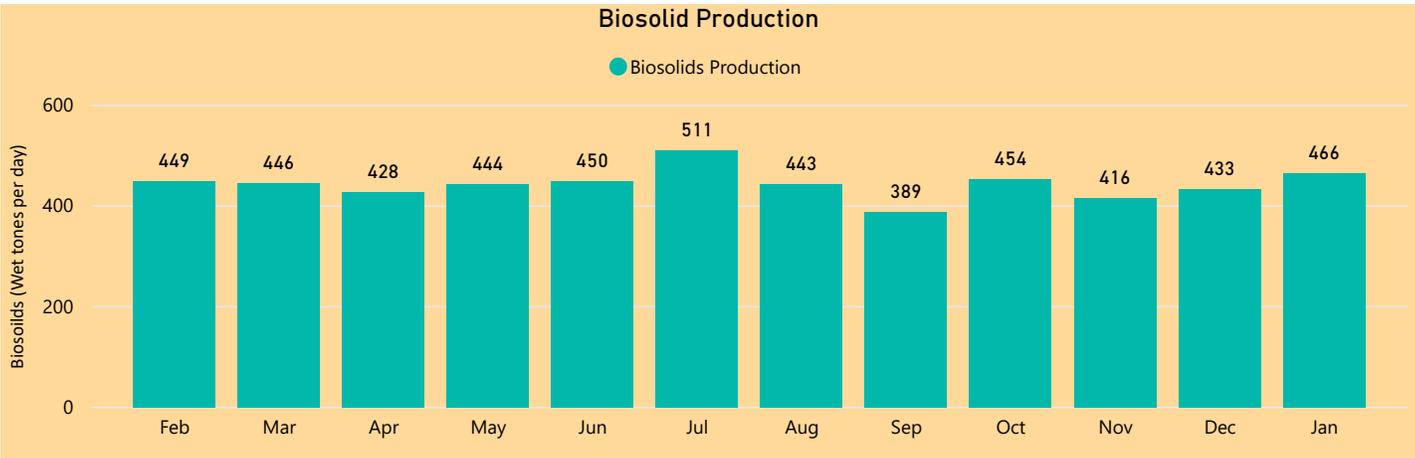
Electricity Consumption in January was 20,083 KWh



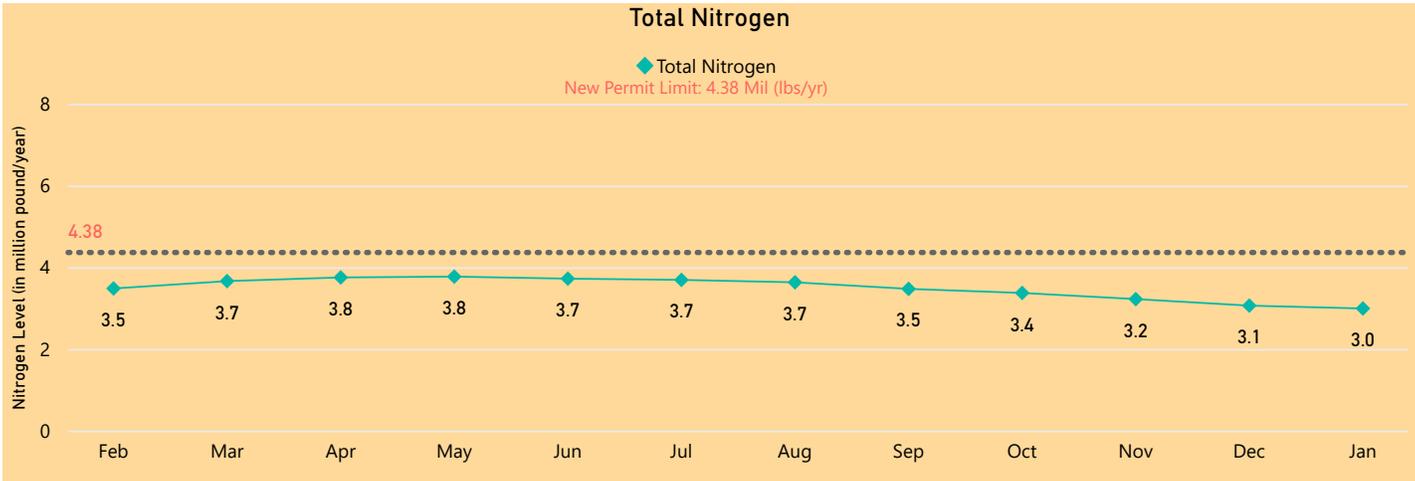
Wastewater Treatment had the highest electricity consumption in January at 16,870 KWh

OPERATIONS AND ENGINEERING

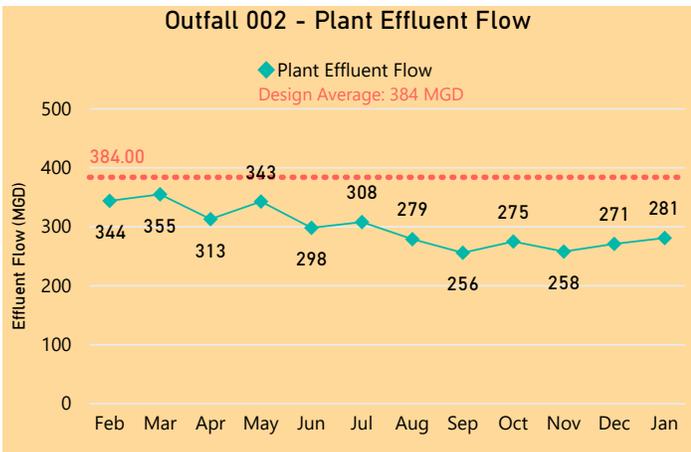
Wastewater Treatment



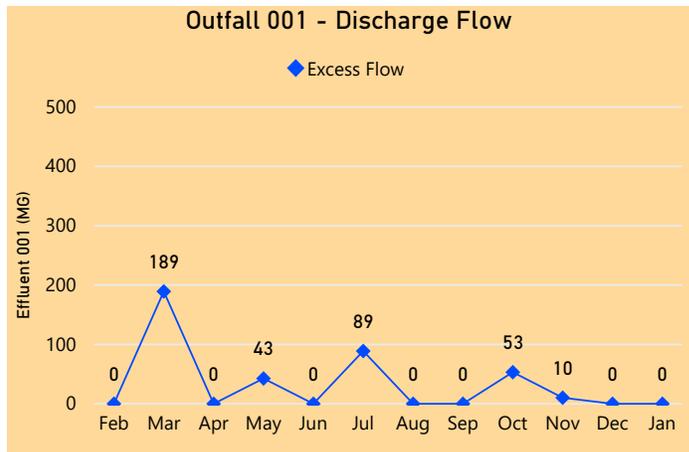
Biosolids Daily Production for January were 433 wet tons per day



Nitrogen level for January were below permit by 1.37 million lbs/yr



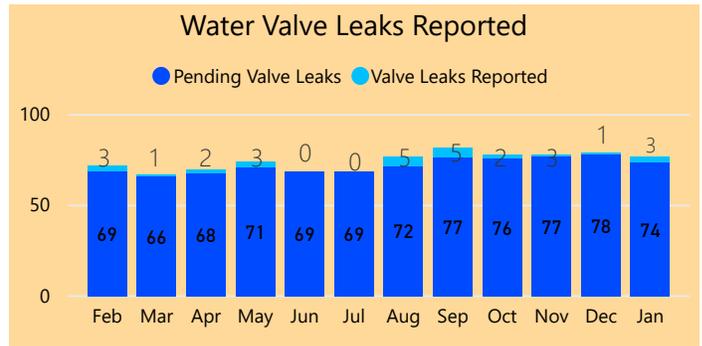
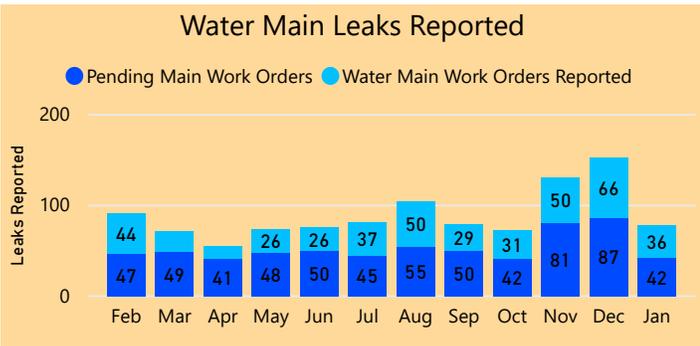
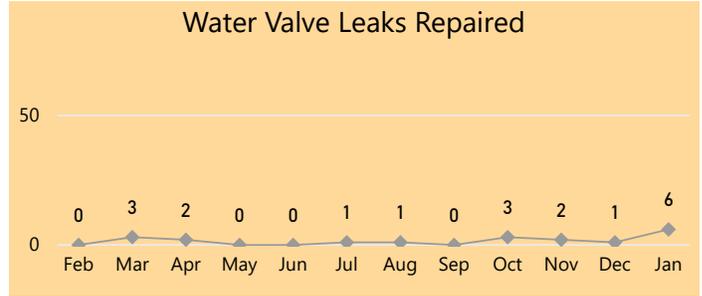
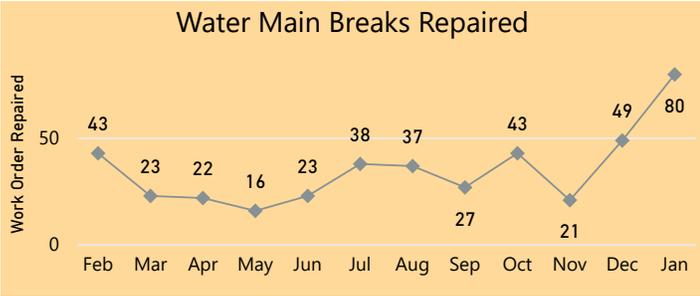
In January effluent flow was below design by 103 MGD



Excess flow events were recorded at 0 MG in January

OPERATIONS AND ENGINEERING

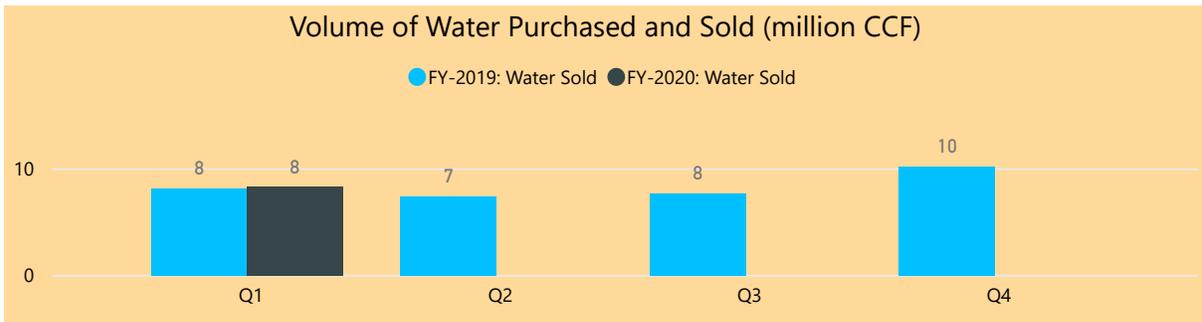
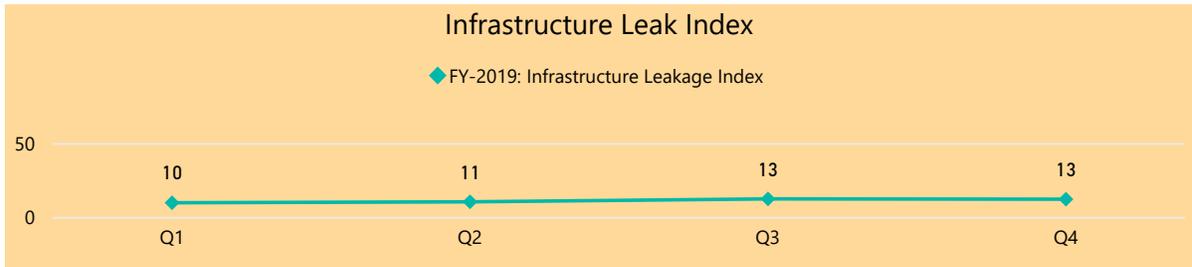
Water Distribution Operations



There were 36 Water Main Work Orders reported in January.

6 leak was resolved in January.

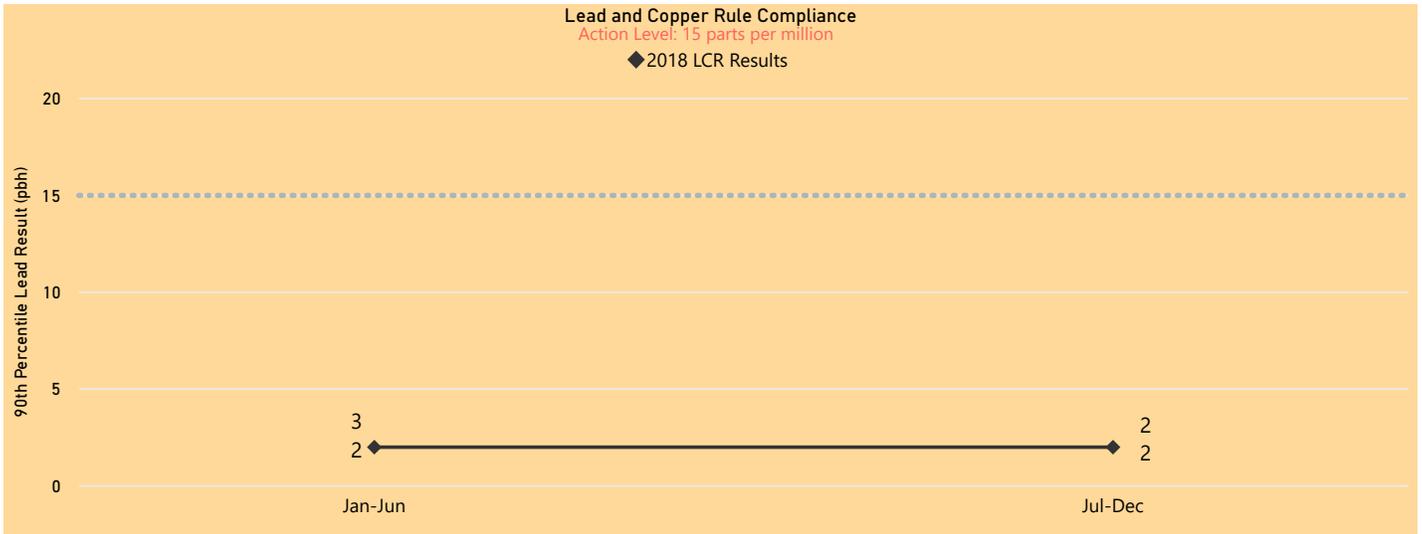
Water Balance



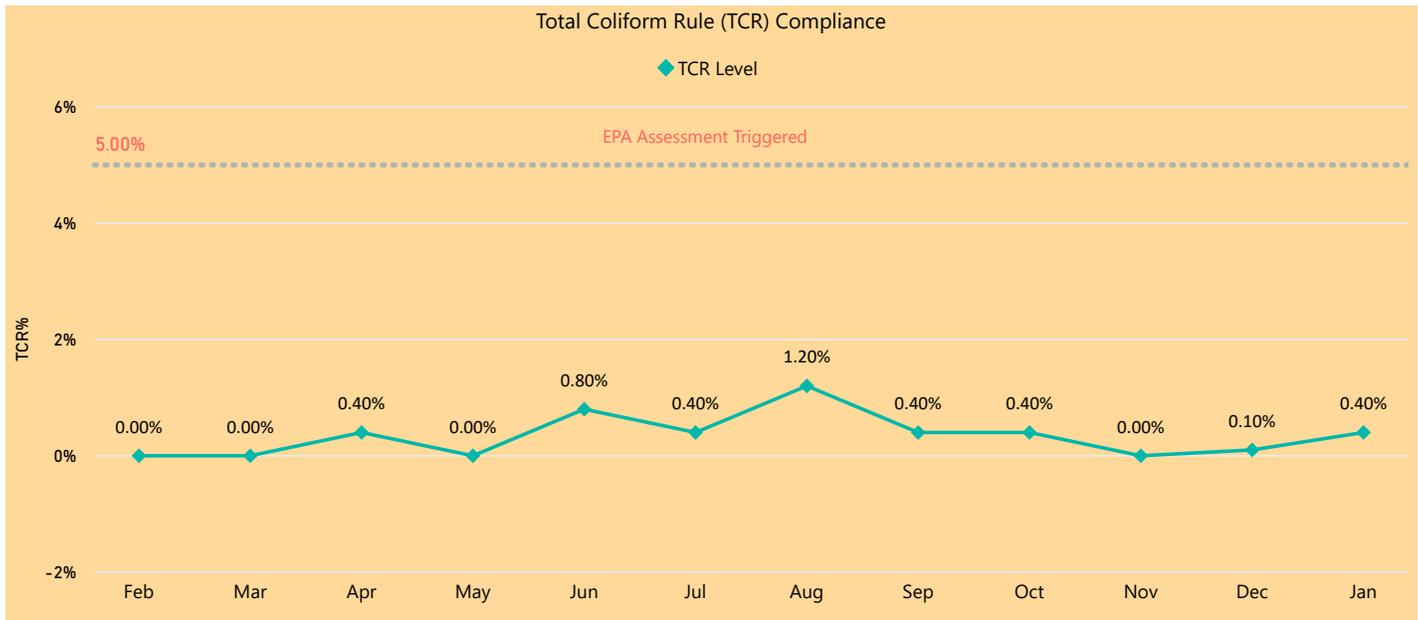
In the 1st quarter of FY 2020, 8.30 out of 11.36 million cubic feet of water was sold

OPERATIONS AND ENGINEERING

Drinking Water Quality



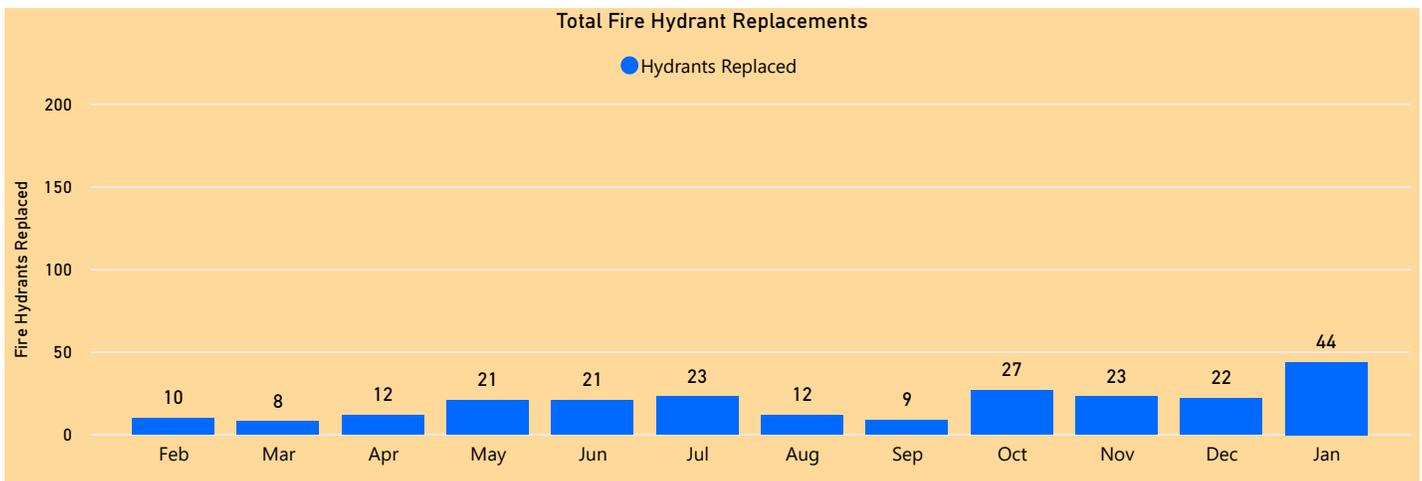
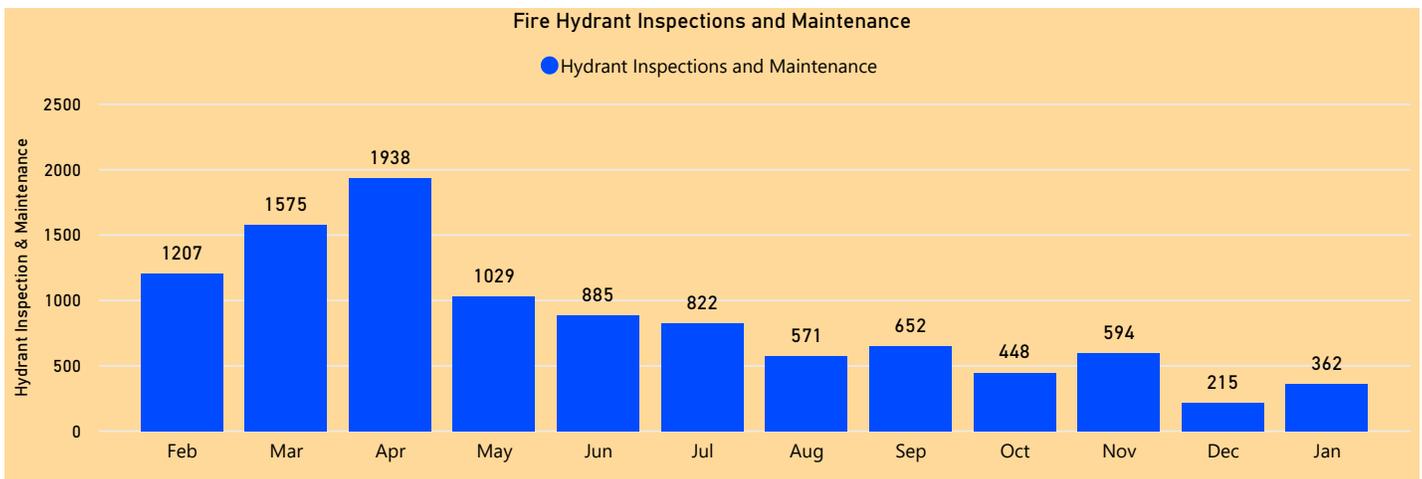
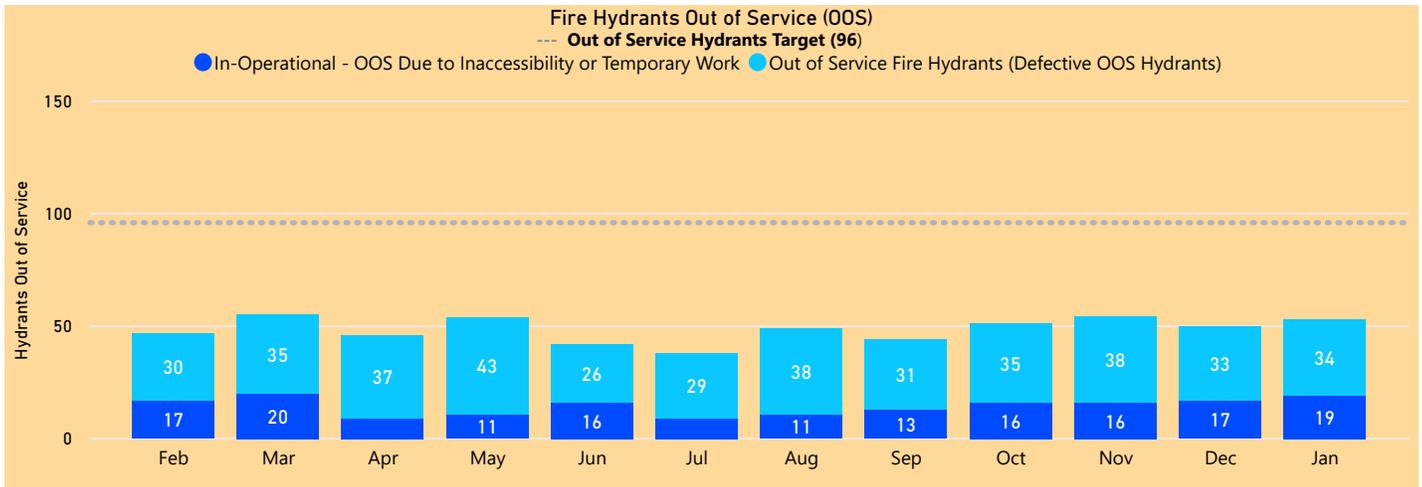
90th percentile for 1st semester 2020 is pending



Coliform Positive was recorded at 0% in December

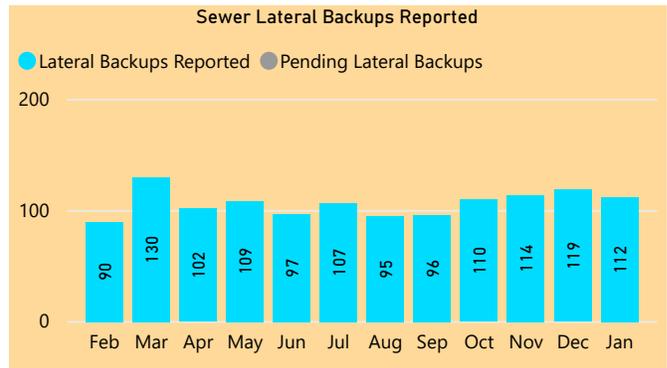
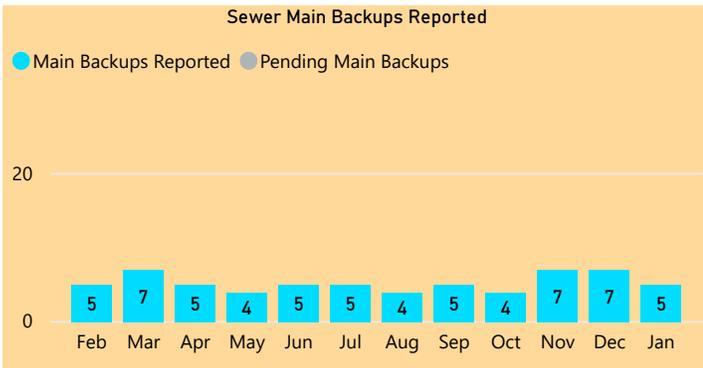
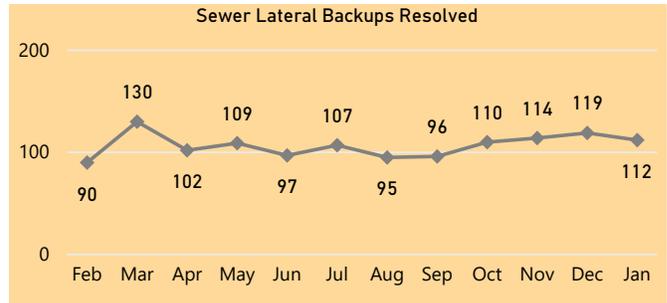
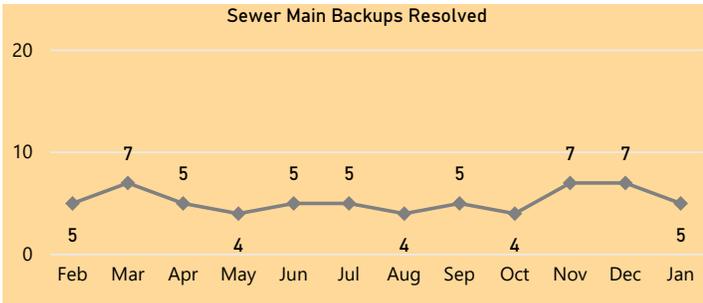
OPERATIONS AND ENGINEERING

Fire Hydrants



OPERATIONS AND ENGINEERING

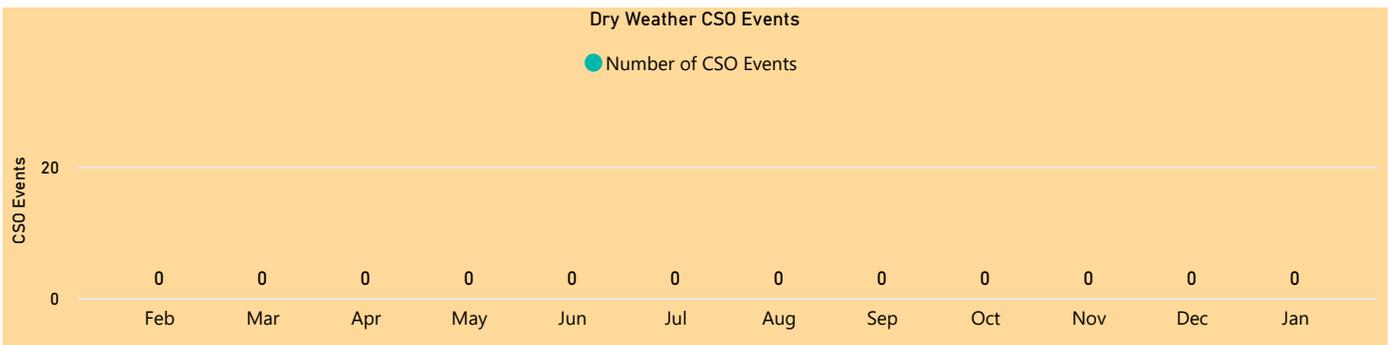
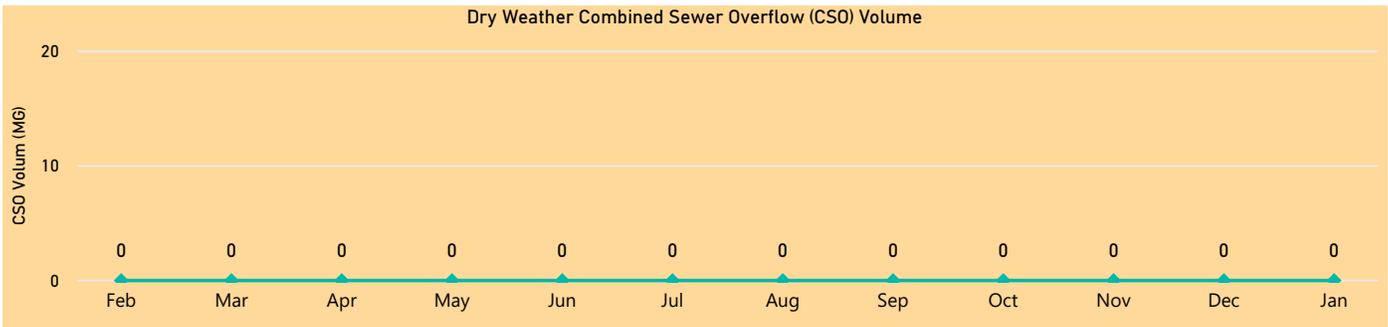
Sewer System Operations



No pending main backups reported

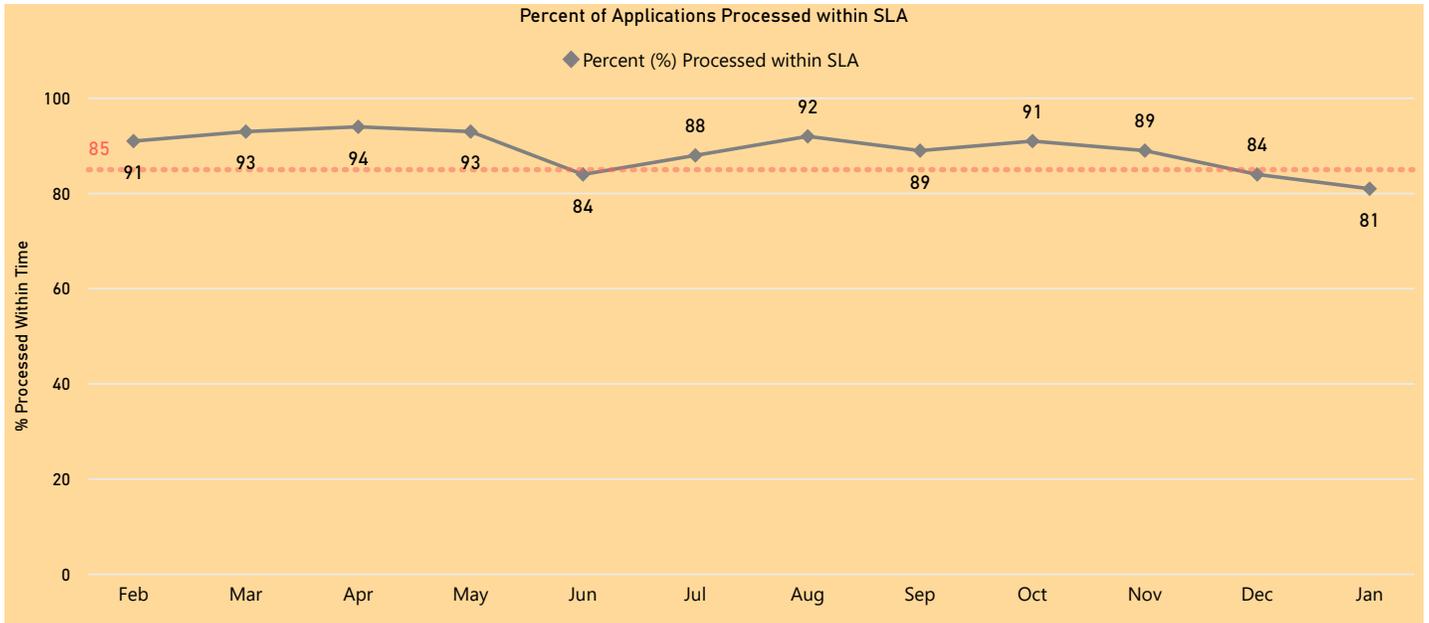
No pending lateral backups reported

Combined Sewer System

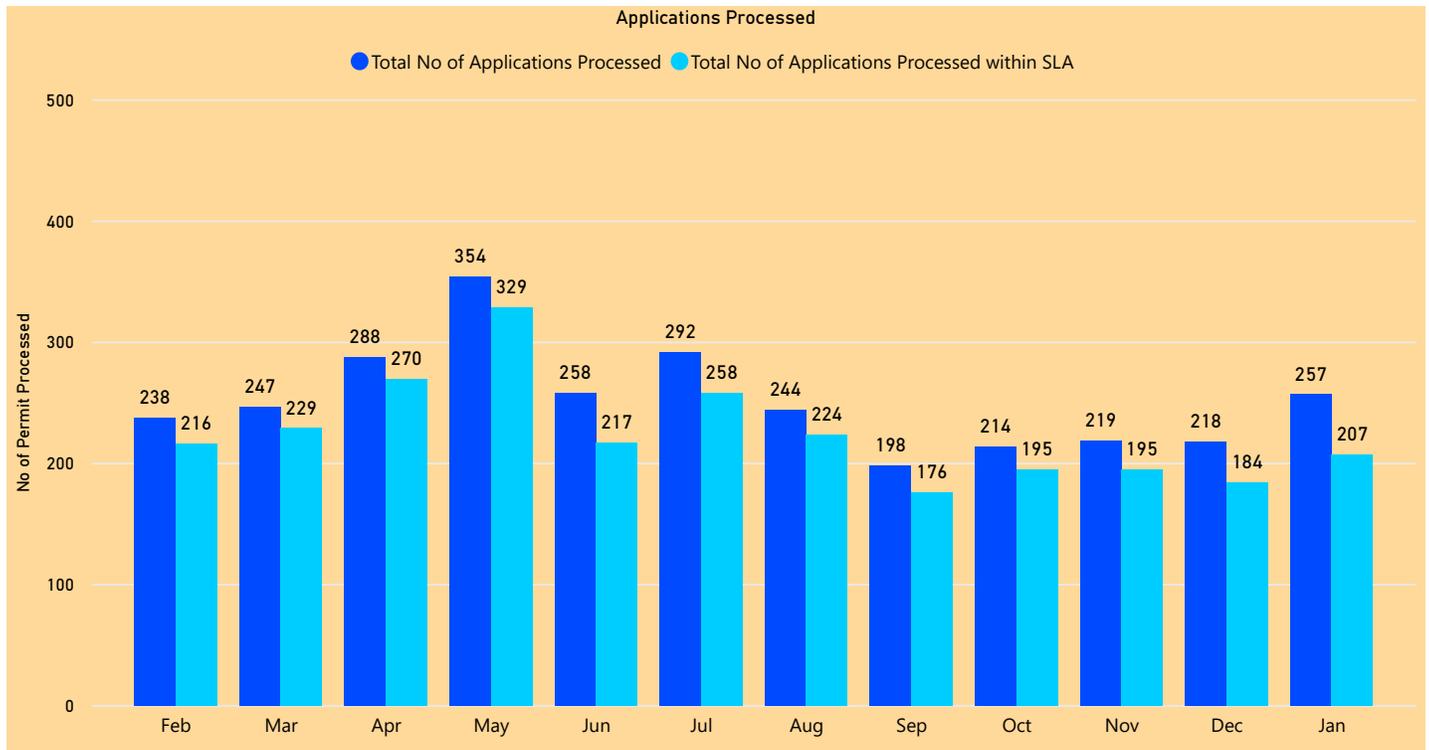


OPERATIONS AND ENGINEERING

Permit Processing

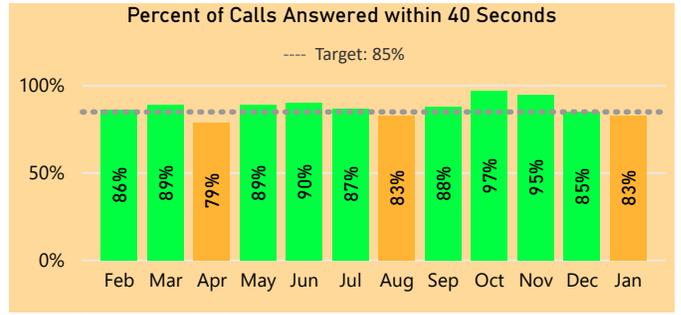
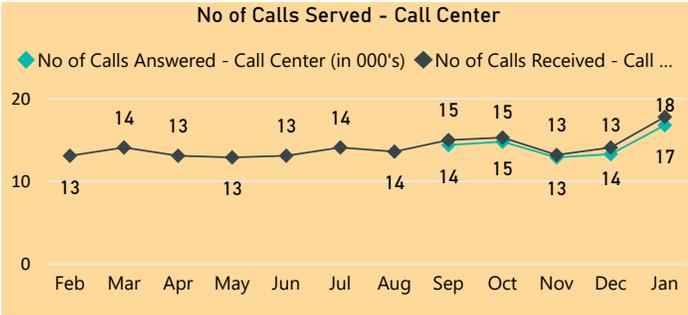


Permits processed in December were 1% below the SLA target of 85%



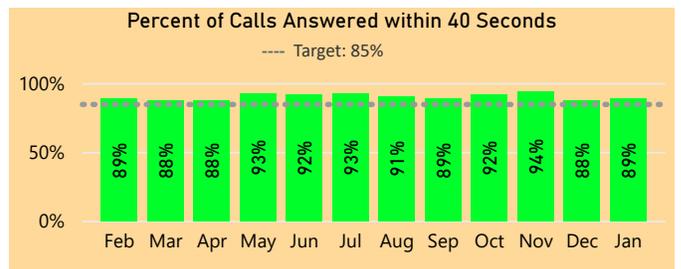
CUSTOMER EXPERIENCE

Customer Care - Call Center Performance



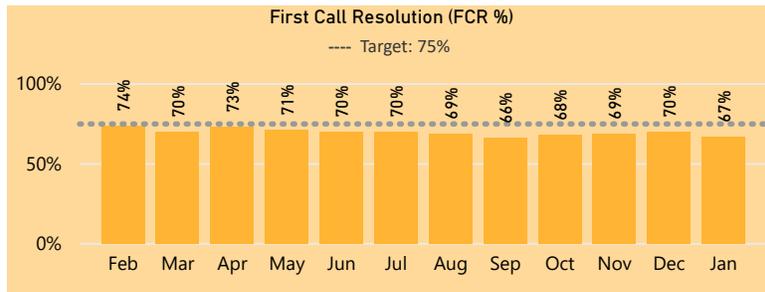
Performance for January was on target.

Customer Care - Command Center Performance



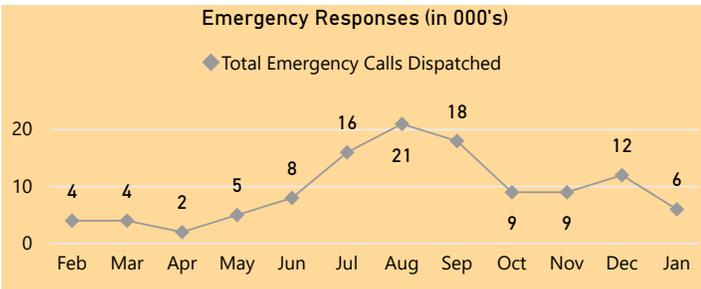
Performance for January was above target by 3%.

Customer Care - First Call Resolution



Performance for January was below target by 5%.

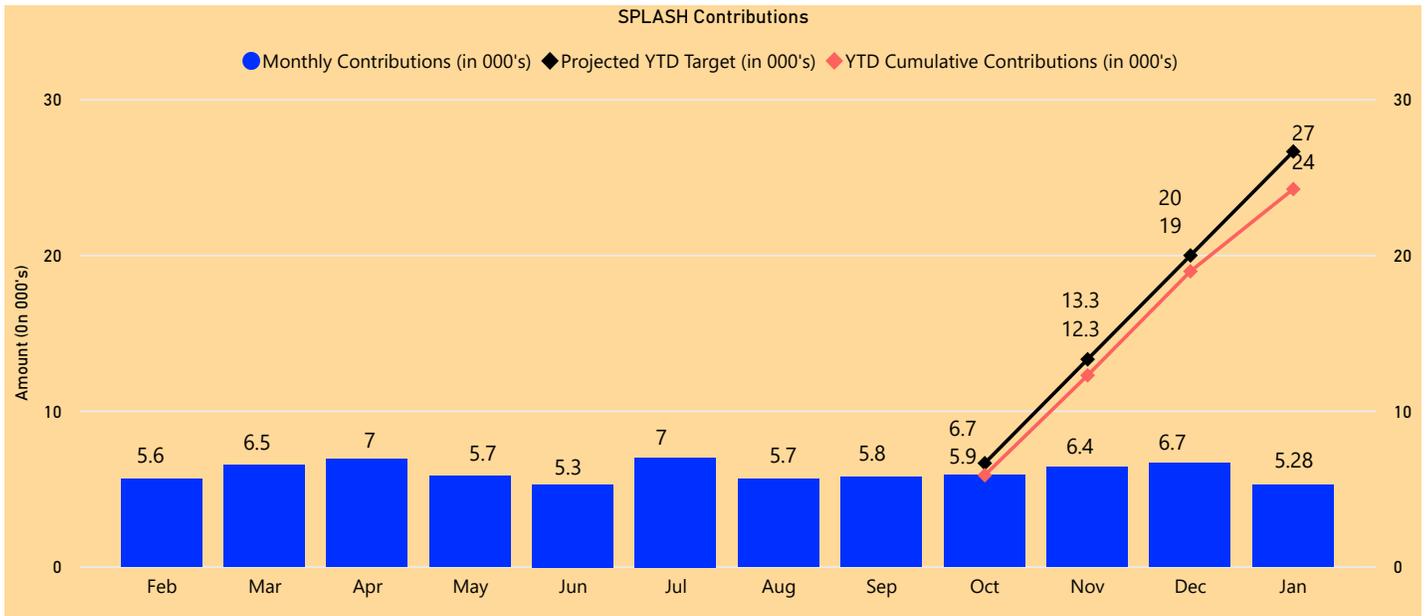
Customer Care - Emergency Response Time



Performance for January was above target by 10%.

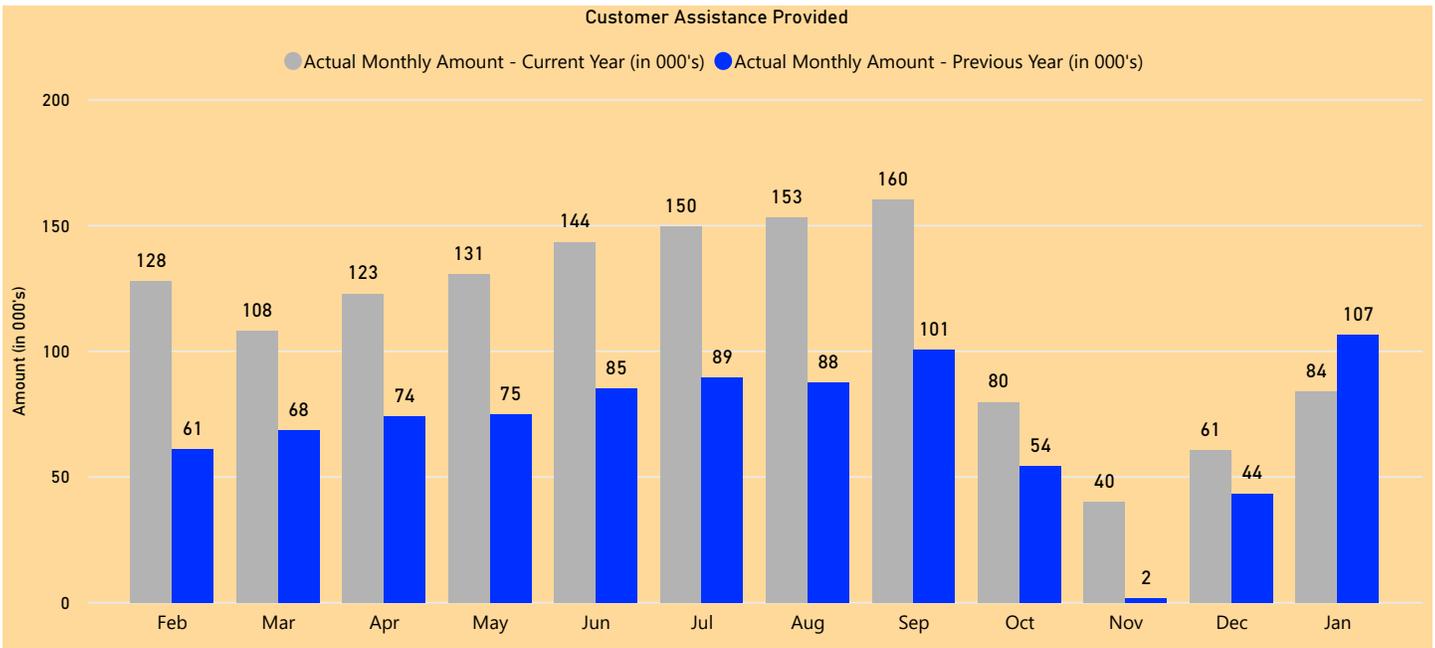
LOW INCOME ASSISTANCE PROGRAM

SPLASH Program



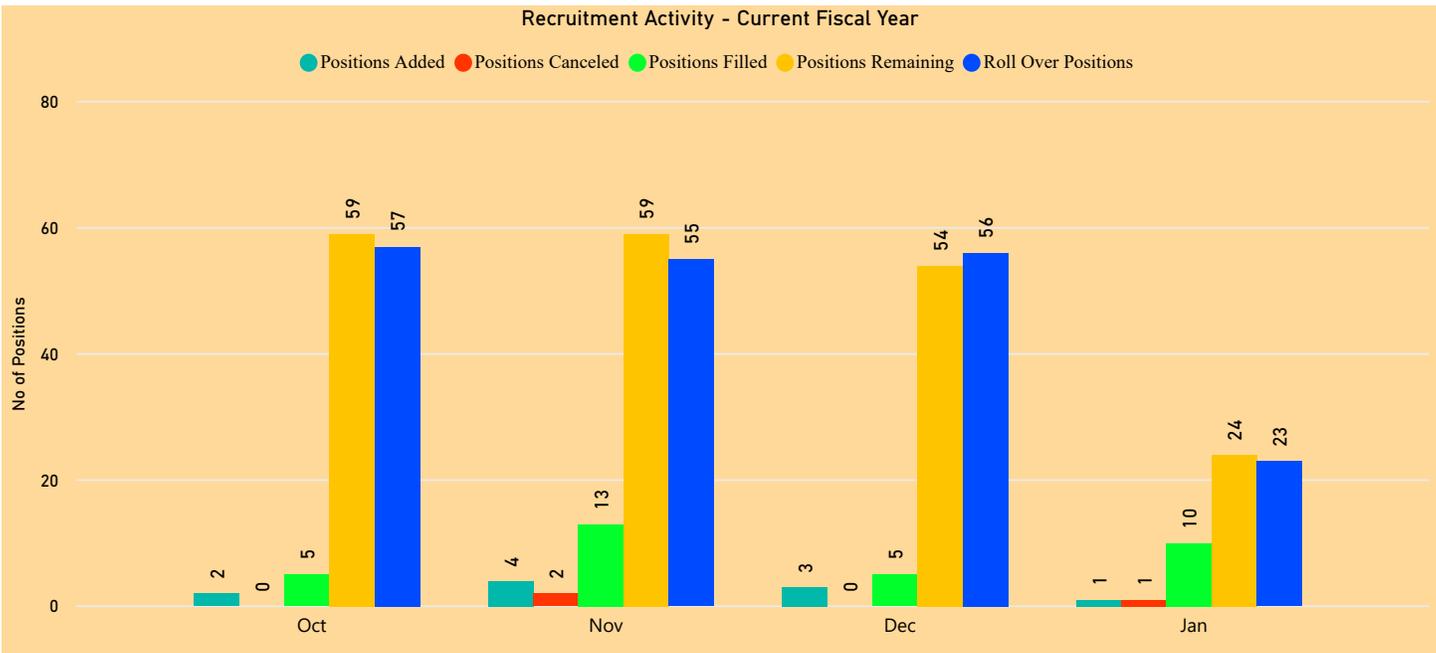
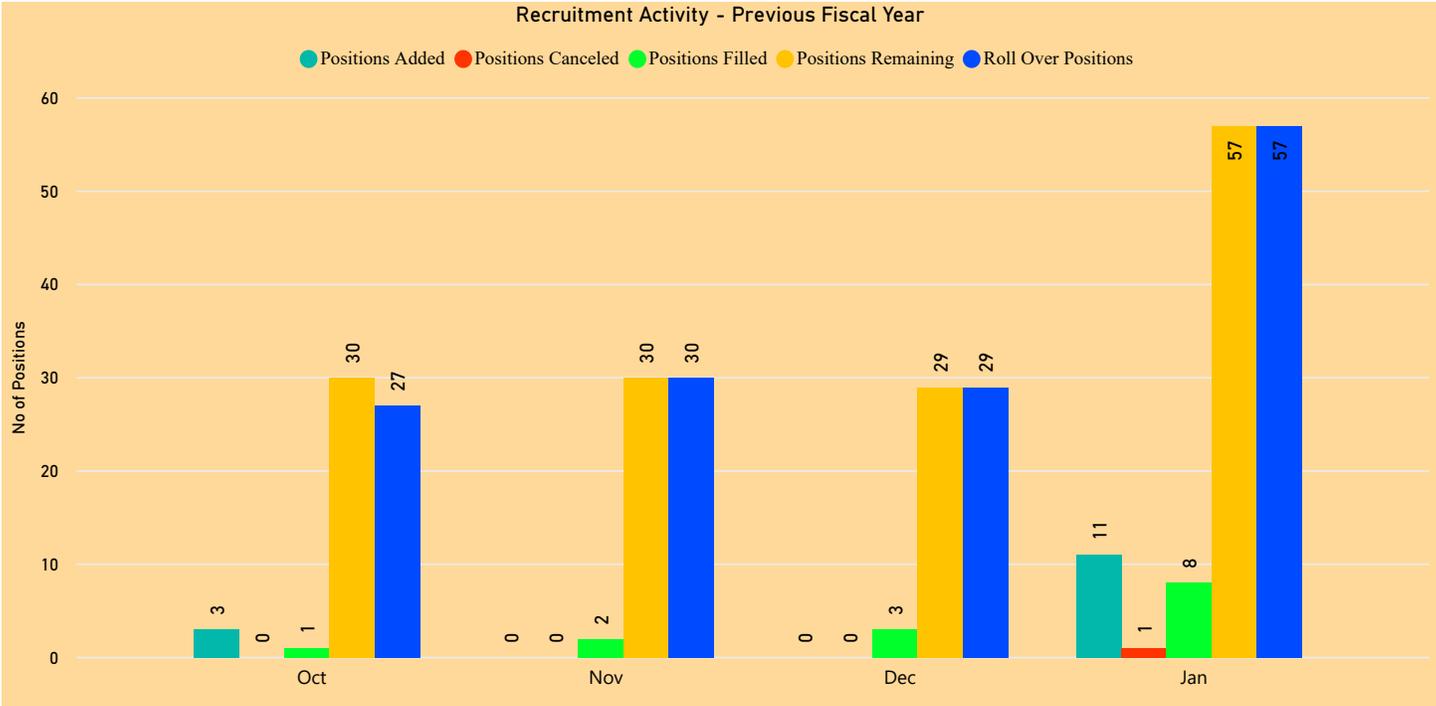
Total SPLASH Contributions to date for January was above target by 1090

Customer Assistance Program (CAP)



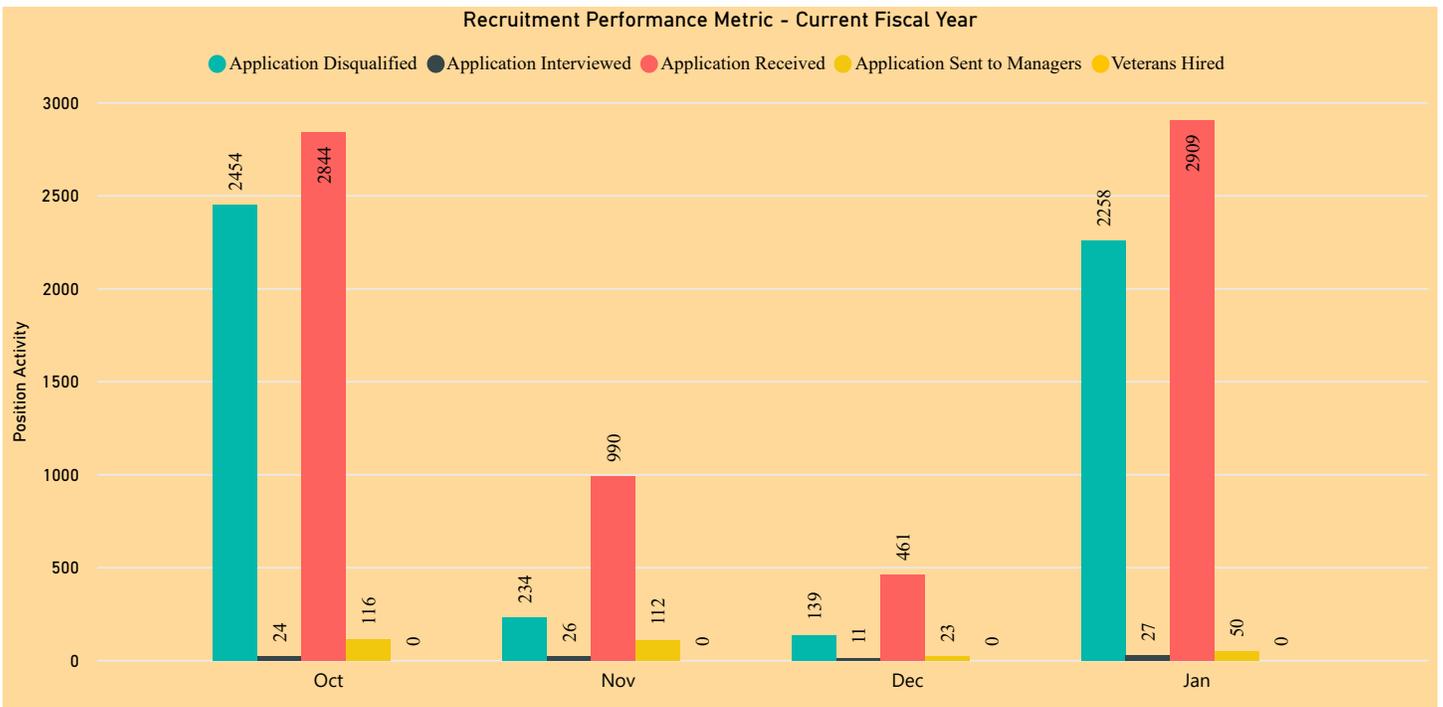
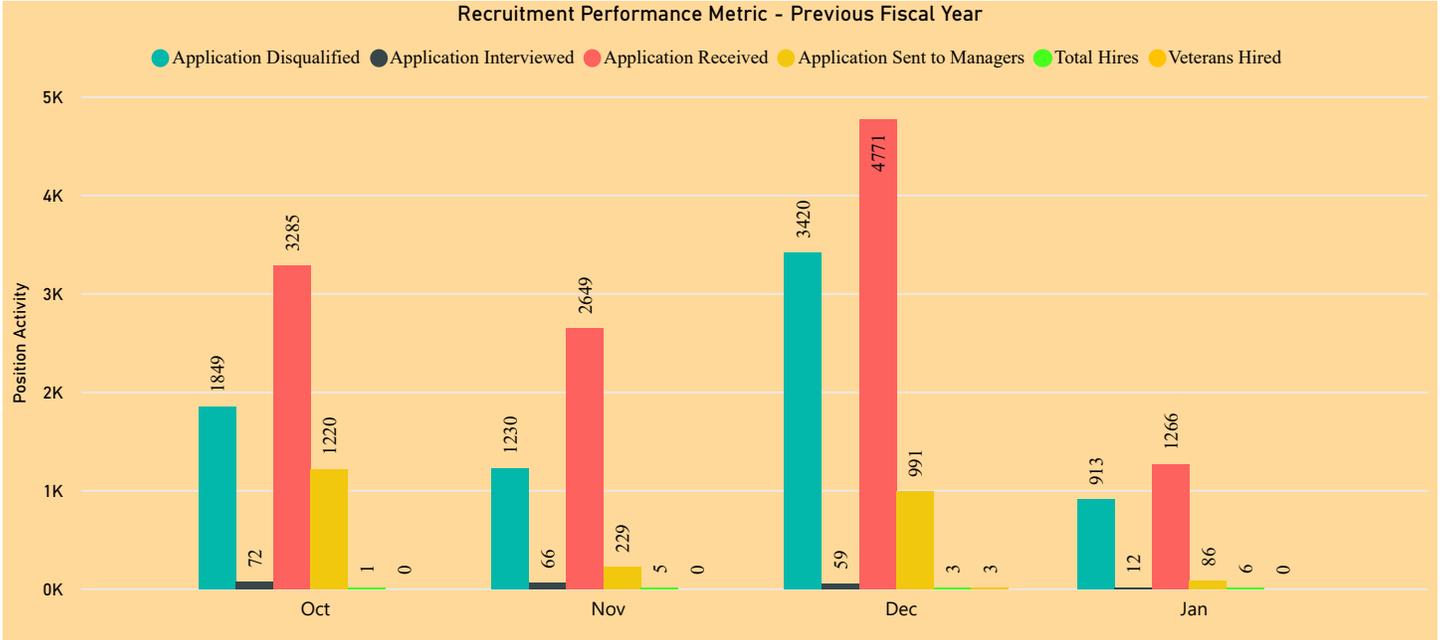
PEOPLE AND TALENT

Human Resources



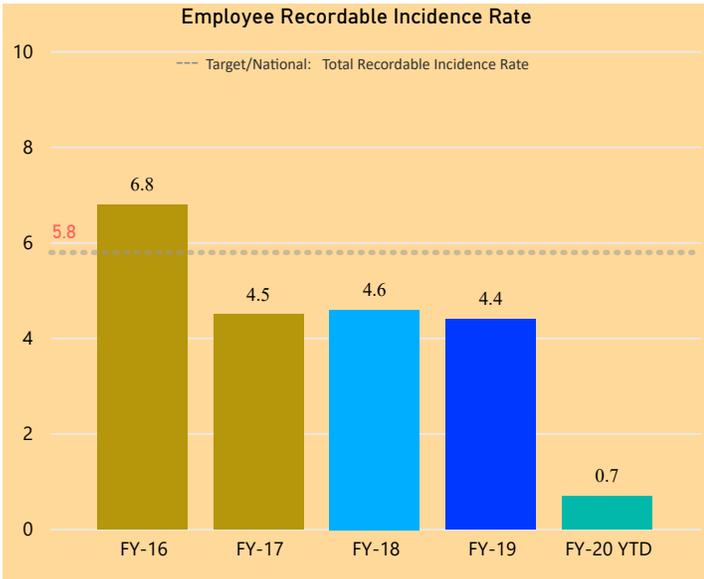
PEOPLE AND TALENT

Human Resources



ADMINISTRATION

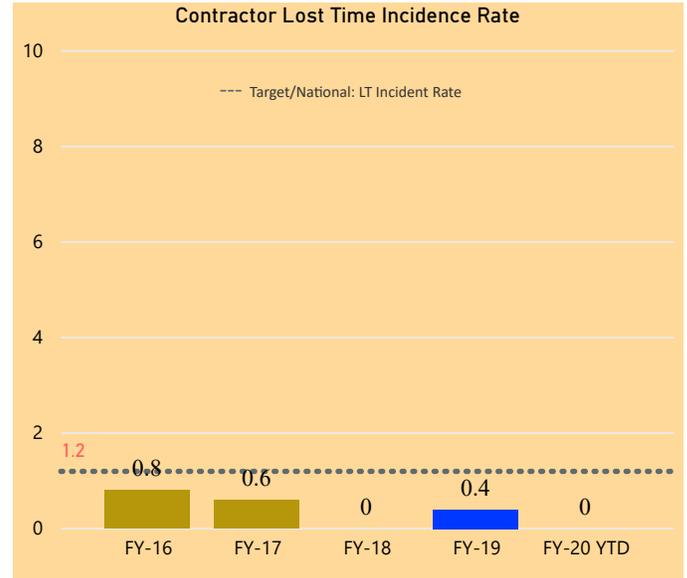
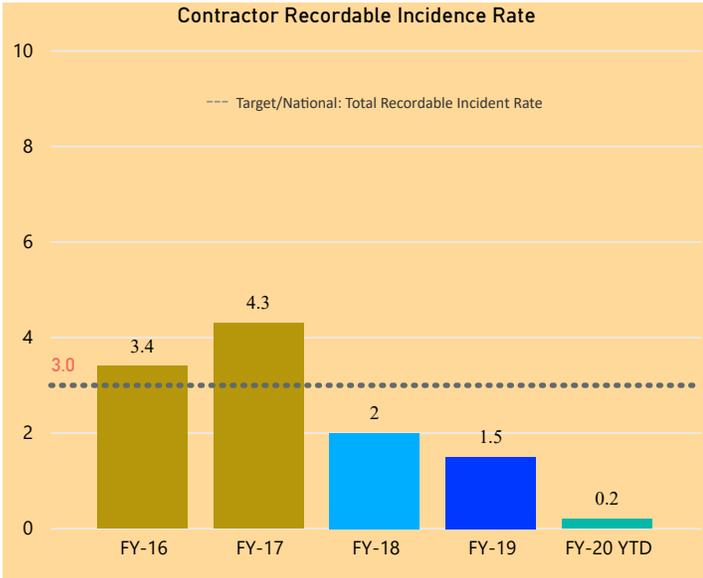
Safety



There have been 4 lost time incidents in FY 2020 YTD.

ADMINISTRATION

Safety



There have been 0 lost time incidents in FY 2020 YTD.

INTERPRETATION OF CHARTS:

FINANCIAL HIGHLIGHTS

Revenue, Expenditure, Capital Disbursement

- Bulls eye shows the variance for YTD budget against actual for revenues, expenditures and capital disbursements
- Bar graph shows **total** for the fiscal year budgeted(grey)-revenues, expenditures and capital disbursements against YTD actual(blue)
- Horizontal line graph shows a YTD progress analysis as compared to the previous year

Net Operating Cash

- Bar graph shows monthly net operating cash provided/used
- Line graph denoted by (Δ) compares YTD actual against budget (O). This element is dynamically color coded*

Operating Revenues

- Bar graph shows monthly operating revenues
- Line graph denoted by (Δ) compares YTD revenue against budget (O). This element is dynamically color coded*

Operating Expenses

- Bar graph shows monthly operating expenses
- Line graph denoted by (Δ) compares YTD expenditure against budget (O). This element is dynamically color coded**

Capital Disbursements

- Bar graph shows monthly capital disbursements
- Line graph denoted by (Δ) compares YTD disbursements against budget (O). This element is dynamically color coded**

Operating Cash Balance

- Bar graph shows monthly average cash balance compared to the target of \$125 million; indicated by grey dotted line

Delinquent Account Receivables

- Bar graph shows monthly Receivables to Revenue ratio against target of 3%; indicated by grey dotted line. This element is dynamically color coded**
- Line graph denoted by (Δ) shows delinquency in actual dollars

Investment Cash Earnings

- Bar graph shows monthly investment cash earnings
- Line graph denoted by (Δ) compares the YTD earnings against budget (O). This element is dynamically color coded*

Core Investments Yield

- Bar graph shows the monthly investment yield compared to the monthly target (grey) benchmark as set by the US Treasury Bill. This element is dynamically color coded*

Short Term Investment Yield

- Bar graph shows the monthly short term investment yield compared to the monthly short term target (grey) benchmark as set by the US Treasury Bill. This element is dynamically color coded*

Dynamic Color Coding Legend

*	**
<p>Red - when the actual is lower than 3% of budget or target</p> <p>Yellow - when the actual is within 3% of budget or target</p> <p>Green - when the actual is equal to or higher than budget or target</p>	<p>Red - when the actual is higher than 3% of budget or target</p> <p>Yellow - when the actual is within 3% of budget or target</p> <p>Green - when the actual is equal to or lower than budget or target</p>

Symbols where the color code applies- (Δ, □)

A

Vendor Payment Performance

- Bar graph shows monthly Vendor Payment Performance percentage against monthly target of 97%; indicated by grey dotted line. This element is dynamically color coded**
- Line graph denoted by (O) shows the YTD vendor payment performance %.

OPERATIONS & ENGINEERING

Electricity Usage Summary

- Bar graph shows total electricity consumption per month

Electricity Usage by Service Area

- Shows a monthly breakdown by service area of electricity usage
- Dark blue shows for Waste Water Treatment Service Area
- Light blue shows Water Pumping Service Area
- Brown shows Sewer Pumping Service Area

Biosolids Production

- Bar graph shows monthly average daily biosolids production

Total Nitrogen

- Line graph denoted by (Δ) shows monthly total nitrogen level against the current permit (dark grey) and 2015 permit (light grey) levels. This element is color coded****

Plant Effluent Flow

- Line graph denoted by (Δ) shows monthly influent flow against the plant design average limit of 370MGD. This element is color coded****

Excess Flow

- Line graph denoted by (Δ) shows monthly excess flow

Non-Revenue Water

- Bar graph shows the volume of water purchased (dark blue) and water sold (light blue) per quarter
- Line graph denoted by (Δ, O) shows the Infrastructure Leakage Index(ILI) for the current and previous year

Lead and Copper Rule (LCR) Compliance

- Line graph denoted by (Δ, O) shows semi-annual LCR monitoring results against target of 15ppb; indicated by grey dotted line. This element is color coded****

Total Coliform Rule (TCR)

- Line graph denoted by (Δ) shows total coliform positives against the EPA maximum contaminant level of 5%. This element is color coded****

Water Main Leaks

- Bar graph shows the water main leaks reported
- The bar graph is stacked (dark blue) to show the pending leaks carried over from the previous month if any; bar graph(light blue) shows new water main leaks reported for the given month

Dynamic Color Coding Legend

***	****
Red- when the actual is lower than 5% of budget or target Yellow- when the actual is within 5% of budget or target Green- when the actual is equal to or higher than budget or target	Red- when the actual is higher than 5% of budget or target Yellow- when the actual is within 5% of budget or target Green- when the actual is equal to or lower than budget or target

Symbols where the color code applies- (Δ, □)

- Line graph denoted by (O) shows the number of main leaks repaired per month

Water Valve Leaks

- Bar graph shows the water valve leaks reported
- The bar graph is stacked (dark blue) to show the pending leaks carried over from the previous month if any; bar graph(light blue) shows new water valve leaks reported for the given month
- Line graph denoted by (O) shows the number of valve leaks repaired per month

Fire Hydrants Out of Service (OOS)

- Bar graph shows total hydrants not available for use against target of 91; indicated by grey dotted line. This element is dynamically color coded****
- The bar graph is stacked (blue) to show hydrants that are inaccessible. Inaccessible hydrants are not measured against the target of 91

Fire Hydrant Inspections and Maintenance

- Bar graph shows the total number of fire hydrants repaired per month

Fire Hydrant Replacements Per Month

- Bar graph shows the total number of hydrants replaced per month against target of 21; indicated by grey dotted line. This element is dynamically color coded***

Sewer Main Backups

- Bar graph shows the sewer main backups reported
- The bar graph is stacked (dark blue) to show the pending backups carried over from the previous month if any; bar graph(light blue) shows new sewer main backups reported for the given month
- Line graph denoted by (O) shows the number of main backups resolved per month

Sewer Lateral Backups

- Bar graph shows the sewer lateral backups reported
- The bar graph is stacked (dark blue) to show the pending backups carried over from the previous month if any; bar graph(light blue) shows new sewer laterals backups reported for the given month
- Line graph denoted by (O) shows the number of lateral backups resolved per month

Combined Sewer dry weather Overflow (CSO) Events

- Bar graph shows dry weather CSO events per month
- Line graph denoted by (O) shows the volume in Million Gallons(MG) per dry weather CSO event

Total Applications Processed within Service Level Agreement (SLA)

- Bar graph shows
 - the number of permits processed per month (dark blue)
 - the number of permits processed within SLA per month (light blue)
- Line graph denoted by (O) shows the percentage of permits processed vs. processed within SLA

Dynamic Color Coding Legend

***	****
Red- when the actual is lower than 5% of budget or target Yellow- when the actual is within 5% of budget or target Green- when the actual is equal to or higher than budget or target	Red- when the actual is higher than 5% of budget or target Yellow- when the actual is within 5% of budget or target Green- when the actual is equal to or lower than budget or target

Symbols where the color code applies- (Δ, □)

CUSTOMER EXPERIENCE

CUSTOMER CARE

Call Center Performance

- Bar graph shows monthly percentage of calls answered within 40 seconds against target of 85%; indicated by grey dotted line. This element is dynamically color coded***
- Line graph denoted by (O) shows the number of calls received by the call center every month

Command Center Performance

- Bar graph shows monthly percentage of calls answered within 40 seconds against target of 85%; indicated by grey dotted line. This element is dynamically color coded***
- Line graph denoted by (O) shows the number of calls received by the command center every month

First Call Resolution (FCR)

- Bar graph shows monthly percentage of calls resolved on first contact against target of 75%; indicated by grey dotted line. This element is color dynamically coded***

Emergency Response Time

- Bar graph shows the percentage of emergency calls responded to within 45 minutes against target of 90%; indicated by grey dotted line. This element is dynamically color coded***
- Line graph denoted by (O) shows the total calls dispatched per month

LOW INCOME ASSISTANCE PROGRAM

SPLASH Contributions

- Bar graph shows monthly SPLASH contributions
- Line graph denoted by (Δ) shows the YTD contributions against target (O). This element is color coded***

Customer Assistance Program (CAP)

- Bar graph shows monthly CAP assistance
- Line graph denoted by (Δ) shows the YTD contributions against budget (O). This element is color coded***

PEOPLE AND TALENT

HUMAN RESOURCES

Open Positions

- Bar graph (dark blue) shows open positions carried over from the previous month.
- Bar graph (light blue) shows new positions added in the given month.
- Bar graph (olive green) shows positions filled in the given month.
- Bar graph (orange) shows positions cancelled in the given month.
- Bar graph (light green) shows net remaining open positions at the end of the given month.

Dynamic Color Coding Legend

***	****
Red- when the actual is lower than 5% of budget or target Yellow- when the actual is within 5% of budget or target Green- when the actual is equal to or higher than budget or target	Red- when the actual is higher than 5% of budget or target Yellow- when the actual is within 5% of budget or target Green- when the actual is equal to or lower than budget or target

Symbols where the color code applies- (Δ, □)

ADMINISTRATION

SAFETY

Employee Lost Time Incidence Rate

- Bar graph shows quarterly Employee Lost Time (LT) incidence rate as compared to the National average LT rate of 2.0; indicated by grey dotted line. Light blue represents the previous year, brown represents the year before previous and dark blue the current fiscal year.
- Scatter graph denoted by (Δ, O) shows the number of Lost Time accidents and comparison is also made between the current year and the previous years.

Contractor Lost Time Incidence Rate

- Bar graph shows quarterly Contractor Lost Time (LT) incidence rate. Light blue represents the previous year, brown represents the year before previous and dark blue the current fiscal year.
- Scatter graph denoted by (Δ, O) shows the number of Lost Time accidents and comparison is also made between the current year and the previous years.

Dynamic Color Coding Legend

***	****
<p>Red- when the actual is lower than 5% of budget or target</p> <p>Yellow- when the actual is within 5% of budget or target</p> <p>Green- when the actual is equal to or higher than budget or target</p>	<p>Red- when the actual is higher than 5% of budget or target</p> <p>Yellow- when the actual is within 5% of budget or target</p> <p>Green- when the actual is equal to or lower than budget or target</p>

Symbols where the color code applies- (Δ, □)



Summary of Contracts on Consent Agenda

262nd Meeting of the DC Water Board of Directors

Thursday, March 5, 2020

Non-Joint-Use Contracts

Resolution No. 20-11 – Execute Option Year Seven of Contract No. WAS-12-063-AA-RA, Allied Universal Security Services. The purpose of the option is to continue providing highly trained and reliable commissioned Special Police Officers to safeguard DC Water’s property and personnel and to assist DC Water in all other security related matters. The option amount is \$5,436,000. (Recommended by the Environmental Quality and Operations Committee 2/20/20)

Resolution No. 20-12 – Add funding to Contract No. 18-PR-DMS-49, M.C. Dean, Inc. The purpose of the additional funding is to support maintenance and repair of high voltage electrical power distribution equipment throughout DC Water facilities. The additional funding amount is \$1,120,000. Recommended by the Environmental Quality and Operations Committee 2/20/20)

Resolution No. 20-13 - Execute Option Year Two (2) of Contract No.17-PR-CFO-421AA, AB, AC, AD, AE, IBS Management Consultancy Services, Mb Staffing Services, SOA Financial, SPS Consulting, and vTech Solution Inc. The purpose of the option is to continue providing the Office of the Chief Financial Officer and Department of Customer Experience the services of competent and qualified firms to fulfill their on-going need for staff augmentation services. The option amount is \$1,200,000.

Presented and Approved: March 5, 2020

SUBJECT: Approval to Execute Option Year Seven of Contract No. WAS-12-063-AA-RA, Allied Universal Security Services

**#20-11
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 March 5, 2020 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve Option Year Seven of Contract No. WAS-12-063-AA-RA, Allied Universal Security Services.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year Seven of Contract No. WAS-12-063-AA-RA, Allied Universal Security Services. The purpose of the option is to continue providing highly trained and reliable commissioned Special Police Officers to safeguard DC Water's property and personnel and to assist DC Water in all other security related matters. The option amount is \$5,436,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT OPTION YEAR
PROTECTIVE SERVICES
(Joint Use)**

Approval to exercise option year 7 for the protective services in the amount of \$5,436,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Allied Universal Security Services 1551 N. Tustin Avenue Suite 650 Santa Ana, CA 92705	SUBS: Preeminent Protective Services Inc. 1050 17 th Street, NW, Suite 600 Washington, DC 20036 LSBE	PARTICIPATION: 21.3%
--	--	--------------------------------

DESCRIPTION AND PURPOSE

Base Year Contract Value:	\$4,934,348.12
Base Year Contract Date:	12-16-2012 – 12-15-2013
Option Year 1 – Option Year 4 Value:	\$20,143,632.25
Option Year 1 – Option Year 4 Dates:	01-16-2014 – 02-13-2018
Option Year 5 Value:	\$5,847,481.76
Option Year 5 Dates:	02-14-2018 – 02-13-2019
Option Year 6 Value:	\$5,300,000.00
Option Year 6 Dates:	02-14-2019 – 02-13-2020
Prior Modification Value	\$891,102.47
Prior Modification Dates:	12-16-2012 – 03-13-2020
Option Year 7 Value:	\$5,436,000.00
Option Year 7 Dates:	03-14-2020 – 03-13-2021

Purpose of the Contract:

The purpose of this contract is to purchase protective services. The contractor, Allied Universal Security, provide protective services for all of DC Water’s facilities and personnel.

Contract Scope:

The contact will provide highly trained and reliable commissioned Special Police Officers (SPOs) to safeguard DC Water’s property and personnel, to prevent and deter unauthorized access or removal of property, and to assist DC Water in all other security related matters.

Spending Previous year:

Cumulative Contract Value:	12-16-2012 to 03-13-2020: \$37,116,564.60
Cumulative Contract Spending:	12-16-2012 to 10-01-2019: \$34,539,431.53

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

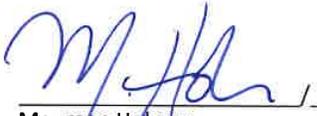
Contract Type:	Fixed	Award Based On:	Highest Rated Offeror
Commodity:	Security	Contract Number:	WAS-12-063-AA-RA
Contractor Market:	Open Market with Preference Points for Local and Small Businesses		

BUDGET INFORMATION

Funding:	Operating	Department:	Department of Security
Service Area:	Blue Plains AWTP	Department Head:	Ivelisse Cassas

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	84.61%	\$4,599,399.60
Washington Suburban Sanitary Commission	11.11%	\$603,939.60
Fairfax County	2.74%	\$148,946.40
Loudoun County	1.33%	\$72,298.80
Other (PI)	0.21%	\$11,415.60
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$5,436,000.00

 1/29/2020
 Maureen Holman Date
 EVP of Administration

 1/29/2020
 Dan Bae Date
 VP of Procurement and Compliance

 1/31/2020
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

 1/31/2020
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: March 5, 2020
SUBJECT: Approval to add Funding to Contract No. 18-PR-DMS-49,
M.C. Dean, Inc.

#20-12
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 March 5, 2020 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve add funding to Contract No. 18-PR-DMS-49, M.C. Dean, Inc,

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to add funding to Contract No. 18-PR-DMS-49, M.C. Dean, Inc. The purpose of the additional funding is to support maintenance and repair of high voltage electrical power distribution equipment throughout DC Water facilities. The additional funding amount is \$1,120,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

**ANNUAL MAINTENANCE AND REPAIR OF ELECTRICAL POWER DISTRIBUTION EQUIPMENT
(Joint Use)**

Approval to add funding to the subject contract to support maintenance and repair of high voltage electrical power distribution equipment in the amount of \$1,120,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: M.C. Dean Inc. 1765 Greensboro Station Place Tysons, VA 22102	SUBS: N/A	PARTICIPATION: N/A
--	---------------------	------------------------------

DESCRIPTION AND PURPOSE

Original Contract Value:	\$2,117,000.00
Original Contract Dates:	11-10-2018 — 11-09-2019
No. of Option Years in Contract:	2
Option Year 1 Value:	\$0.00
Option Year 1 Dates:	11-10-2019 — 11-09-2020
Option Year 1 Additional Funding Value:	\$1,120,000.00
Option Year 1 Additional Funding Dates:	03-15-2020 – 11-09-2020

Purpose of the Contract:

DC Water’s Department of Maintenance Services (DMS) and Department of Pumping Operations (DPO) has a continuing need for annual maintenance of high voltage switchgear (power distribution) equipment throughout DC Water facilities. Switchgear is the combination of electrical disconnect switches, fuses or circuit breakers used to control, protect and isolate electrical equipment. Switchgear is used both to de-energize equipment to allow work to be done and to clear faults downstream.

Contract Scope:

DMS and DPO require a qualified contractor to provide up to 11 experienced power distribution test technicians and one supervisor, along with replacement parts for repair, calibration and annual maintenance of high voltage switchgear equipment and other associated devices at various DC Water facilities under the direction of DC Water’s Contracting Officer’s Technical Representative (COTR).

Interruption of high-voltage maintenance can result in catastrophic failures and an inability to continue DC Water’s critical operations. High-voltage power distribution maintenance is outsourced due to the extensive experience and technical expertise required, limited local resources and high costs for these specialized personnel.

DMS is requesting an additional contract amount of \$1,120,000 to fully fund their portion of the contract for these services through end of Option Year 1. Additional funding is needed as the maintenance cycle for FY20 includes the preventive maintenance of several unit and area substations that are performed on a biennial basis, as well as, the first year of maintenance for the new Wet Weather Treatment facility. The additional amount of \$1,120,000 is included in the approved FY20 budget.

Spending Previous Year:

Cumulative Contract Value:	11-10-2018 to 11-09-2020: \$2,117,000.00
Cumulative Contract Spending:	11-10-2018 to 12-31-2019: \$1,503,729.77

Contractor’s Past Performance:

According to the COTR, the Contractor’s performance and quality of work all meet DC Water’s requirements.

PROCUREMENT INFORMATION

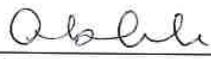
Contract Type:	Fixed Price	Award Based On:	Best Value
Commodity:	Maintenance Services	Contract Number:	18-PR-DMS-49
Contractor Market:	Open Market with Preference Points		

BUDGET INFORMATION

Funding:	Operating	Department:	DMS
Project Area:	Blue Plains	Department Head:	Elkin Hernandez

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	45.15%	\$505,680.00
Washington Suburban Sanitary Commission	39.61%	\$443,682.00
Fairfax County	9.76%	\$109,312.00
Loudoun Water	4.74%	\$53,088.00
Other (PI)	0.74%	\$8,288.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,120,000.00


 Aklile Tesfaye
 VP, Wastewater Operations
 Blue Plains
 Date: 1/30/20


 Matthew T. Brown
 EVP, Finance and Procurement
 Date: 2/7/2020


 Dan Bag
 VP, Procurement and Compliance
 Date: 1/30/2020


 David L. Gadis
 CEO and General Manager
 Date: 1/3/2/20

Presented and Approved: March 5, 2020

SUBJECT: Approval to Exercise Option Year Two (2) of Contract No. 17-PR-CFO-421AA,AB,AC,AD,AE, IBS Management Consultancy Services, Mb Staffing Services, SOA Financial, SPS Consulting, and vTech Solution Inc.

**#20-13
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 March 5, 2020 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve Exercising Option Year Two (2) of Contract No.17-PR-CFO-421AA,AB,AC,AD,AE, IBS Management Consultancy Services, Mb Staffing Services, SOA Financial, SPS Consulting, and vTech Solution Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year Two (2) of Contract No.17-PR-CFO-421AA, AB, AC, AD, AE, IBS Management Consultancy Services, Mb Staffing Services, SOA Financial, SPS Consulting, and vTech Solution Inc. The purpose of the option is to continue providing the Office of the Chief Financial Officer and Department of Customer Experience the services of competent and qualified firms to fulfill their on-going need for staff augmentation services. The option amount is \$1,200,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT OPTION YEAR
FINANCIAL STAFF AUGMENTATION SERVICES
(Joint Use)**

Approval to exercise option year 2 for financial staff augmentation services in the amount of \$1,200,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
IBS Management & Consultancy Services, LLC* 1627 K Street, NW, Suite 5027 Washington, DC 20036	N/A	100%
Mb Staffing Services* 819 7th Street, NW Washington, DC 20001	N/A	100%
SOA Financial* 4200 Forbes Boulevard, Suite 101 Lanham MD 20706	N/A	100%
SPS Consulting* 1901 Research Blvd., Suite 320 Rockville, MD 20850	N/A	100%
vTech Solution Inc.* 1100 H Street, NW Suite 450 Washington, DC 20005 *LSBE	N/A	100%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,600,000.00
Original Contract Dates:	03-01-2018—02-28-2019
No. of Option Years in Contract:	2
Option Year 1 Value:	\$1,920,000.00
Option Year 1 Dates:	03-01-2019—02-29-2020
Option Year 2 Value:	\$1,200,000.00
Option Year 2 Dates:	03-05-2020—02-28-2021

Purpose of the Contract:

DC Water's Office of the Chief Financial Officer (CFO) and Department of Customer Experience (CX) require the services of competent and qualified firms to fulfill their on-going need for staff augmentation services for special projects, long and short-term projects and staff vacancies. These services are used when it is not feasible for DC Water to permanently hire staff for projects of short duration such as support for budget preparation and analysis, annual financial audit, year-end close, future upgrade and/or replacement of financial system, insurance and risk analysis, temporary meter readers, customer service support and other projects. These services may be used when specialized or unique skills are required.

Scope of the Contract:

This contract will provide as-needed staffing services for Accounts Receivables, General Accounting, Accounts Payables, Internal Controls, Customer Service and Financial Analysis. The option includes projected staffing services for continued support of the Enterprise Resource Planning (ERP) project.

Spending Previous Year:

Cumulative Contract Value: 03-01-2018 - 02-29-2020: \$3,520,000.00
 Cumulative Contract Spending: 03-01-2018 - 01-31-2020: \$2,051,037.09

Contractor's Past Performance:

According to the COTR, the Contractors' 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 Unit Price	Award Based On:	Highest Rated Offerors
Commodity:	Services	Contract Numbers:	17-PR-CFO-42AA, AB, AC, AD, AE
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

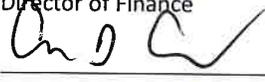
BUDGET INFORMATION

Funding:	Operating	Departments:	Department of Finance and Department of CX
Service Area:	DC Water Wide	Department Heads:	Ivan Boykin and Carolyn A. MacKool

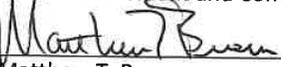
ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	84.61%	\$1,015,320.00
Washington Suburban Sanitary Commission	11.11%	\$133,320.00
Fairfax County	2.74%	\$32,880.00
Loudoun County	1.33%	\$15,960.00
Other (PI)	0.21%	\$2,520.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,200,000.00

 , 2/18/2020
 Ivan Boykin Date
 Director of Finance

 , 2/18/2020
 Armon D. Curd Date
 Executive VP of Customer Experience

 , 2/18/2020
 Dan Bae Date
 VP of Procurement and Compliance

 , 2/19/2020
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

 , 3/2/20
 David L. Gadis Date
 CEO and General Manager

Presented and Adopted: March 5, 2020
Subject: Approval of Proposed Fiscal Year 2021 Operating Budget

#20-14
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority, (“DC Water”) at the Board meeting on March 5, 2020, upon consideration of a joint-use matter, decided by a vote of ___ () in favor and ___ () opposed, to take the following action with respect to the Fiscal Year 2021 Proposed Operating Budget.

WHEREAS, during the Fiscal Year 2021 Budget Workshop on January 2, 2020, the Chief Executive Officer and General Manager, and Chief Financial Officer and Executive Vice President, Finance and Procurement, briefed Board members on the Proposed FY 2021 Operating Budget that totaled \$642,663,000; and

WHEREAS, on January 23, 2020, the Finance and Budget Committee reviewed the budget proposals and discussed in detail, the budget drivers, strategic budget decisions, budget assumptions, risks and customer impact; and

WHEREAS, on February 25, 2020, the Finance and Budget Committee further reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, risks and customer impact, and recommended that the Board adopt the FY 2021 Operating Budget that totals \$642,663,000, including \$25,000 for representation and \$15,000 for official meetings.

NOW THEREFORE BE IT RESOLVED THAT:

The Board hereby approves and adopts DC Water’s Proposed Fiscal Year 2021 Operating Budget totaling \$642,663,000, including \$25,000 for representation and \$15,000 for official meetings, and as further detailed in the Chief Executive Officer and General Manager’s Proposed Fiscal Year 2021 Budget presented on January 2, 2020 and accompanying materials.

This resolution is effective immediately.

Secretary to the Board of Directors

Presented and Adopted: March 5, 2020
Subject: Approval of Proposed Fiscal Year 2020 - 2029 Capital Improvement Program

#20-15
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority, (“DC Water”) at its meeting on March 5, 2020 upon consideration of a joint-use matter, decided by a vote of ____ () in favor and ____ () opposed, to take the following action with respect to the Fiscal Year 2020 - 2029 Capital Improvement Program (10-Year Disbursement Plan and Lifetime Budget).

WHEREAS, the Board’s financial policies require an annually updated 10-Year Financial Plan, which includes a 10-Year Capital Disbursement Plan; and

WHEREAS, during the Fiscal Year (FY) 2021 Budget Workshop on January 2, 2020, the Chief Executive Officer and General Manager, Chief Financial Officer and Executive Vice President, Finance and Procurement, and Senior Vice President, CIP Project Delivery, briefed Board members on the Proposed 10-Year Disbursement Plan totaling \$5,450,013,000; and

WHEREAS, on January 16, 2020, the Environmental Quality and Operations Committee reviewed the budget proposals and discussed in detail the budget scenarios, budget drivers, strategic budget decisions, budget assumptions and risks; and

WHEREAS, on January 23, 2020, the Finance and Budget Committee reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, risks, and customer impacts; and

WHEREAS, on January 28, 2020, the DC Retail Water and Sewer Rates Committee reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, risks, and customer impacts; and

WHEREAS, on February 20, 2020, the Environmental Quality and Operations Committee, reviewed the budget proposals and discussed in detail the budget drivers, budget assumptions, and risks, and recommended that the Board adopt the Proposed 10-Year Disbursement Plan totaling \$5,450,013,000, and related Lifetime Budget, which totals \$12,390,598,000; and

WHEREAS, on February 25, 2020, the Finance & Budget Committee, reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, and customer impacts, and recommended that the Board adopt the Proposed 10-Year Disbursement Plan totaling \$5,450,013,000 and related Lifetime Budget, which totals \$12,390,598,000.

NOW THEREFORE, BE IT RESOLVED THAT:

The Board hereby approves and adopts DC Water's Fiscal Year 2020 – 2029 Capital Improvement Program with the 10-Year Disbursement Plan totaling \$5,450,013,000, related Lifetime Budget which totals \$12,390,598,000 (Attachment A-1), and as further detailed in the Chief Executive Officer and General Manager's Proposed Fiscal Year 2021 Budget, presented on January 2, 2020 and accompanying materials.

This resolution is effective immediately.

Secretary to the Board of Directors

262nd Meeting of the Board of Directors - IX. Consent Items (Joint Use)

Capital Improvement Program

10-Year Disbursement Plan - projected annual cash disbursements, \$ in thousands

Attachment A-1

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	10-Yr Total	Lifetime Budget
NON PROCESS FACILITIES												
Facility Land Use	42,066	31,849	20,665	6,831	11,058	10,396	3,901	3,553	3,560	3,600	137,479	221,841
Subtotal	42,066	31,849	20,665	6,831	11,058	10,396	3,901	3,553	3,560	3,600	137,479	221,841
WASTEWATER TREATMENT												
Liquid Processing	24,516	42,496	43,069	48,748	44,909	31,792	66,989	68,544	99,413	103,740	574,216	1,266,857
Plantwide	17,387	32,784	42,213	30,735	37,879	23,127	18,231	25,062	20,506	9,902	257,826	525,997
Solids Processing	19,847	27,314	27,424	25,852	22,754	15,761	12,658	6,027	10,476	12,858	180,971	924,507
Enhanced Nitrogen Removal Facilities	15,786	382	672	1,897	1,770	-	-	2,206	1,861	11,665	36,239	980,940
Subtotal	77,536	102,976	113,378	107,232	107,312	70,680	97,878	101,839	132,256	138,165	1,049,252	3,698,301
COMBINED SEWER OVERFLOW												
DC Clean Rivers Program	162,197	147,565	179,833	129,272	67,536	59,909	148,771	103,265	88,890	115,049	1,202,288	2,764,255
Combined Sewer Program Management	1,287	1,792	2,237	2,972	3,028	2,050	2,629	2,515	3,125	2,519	24,154	77,756
Combined Sewer Overflow Program	7,952	7,701	10,579	13,581	13,703	6,518	4,070	5,057	5,847	9,916	84,924	199,729
Subtotal	171,436	157,058	192,649	145,824	84,267	68,476	155,470	110,837	97,863	127,484	1,311,366	3,041,740
STORMWATER												
Storm Local Drainage Program	12	22	688	594	1,267	1,948	1,164	1,792	1,970	1,709	11,166	18,025
Storm On-Going Program	1,011	631	1,109	837	866	526	875	843	1,084	1,287	9,069	11,540
Storm Pumping Facilities	5,310	8,392	4,923	2,259	2,854	1,865	1,698	1,353	3,430	1,755	33,839	61,204
Storm DDOT Projects	-	-	-	-	-	-	-	-	-	-	-	3,237
Stormwater Program Managemet	410	445	582	367	405	321	464	318	385	306	4,003	12,889
Stormwater Trunk/Force Sewers	126	141	233	113	-	-	-	-	-	-	613	15,510
Subtotal	6,869	9,631	7,535	4,170	5,392	4,660	4,201	4,306	6,869	5,057	58,690	122,404
SANITARY SEWER												
Sanitary Collection System	4,613	8,134	33,564	18,009	24,312	33,040	52,923	68,745	65,771	61,043	370,154	569,040
Sanitary On-Going Projectss	12,099	12,327	13,711	13,667	14,185	15,019	15,253	15,111	15,312	14,842	141,529	217,969
Sanitary Pumping Facilities	2,570	5,995	6,924	8,240	5,068	10,468	11,639	11,933	27,732	33,628	124,196	270,778
Sanitary Program Management	4,150	5,464	7,014	5,132	3,913	3,103	3,174	3,900	4,064	4,335	44,250	119,050
Interceptor/Trunk Force Sewers	21,501	32,006	54,327	43,062	44,084	76,710	76,826	77,100	62,993	60,184	548,794	918,096
Subtotal	44,933	63,926	115,541	88,110	91,562	138,341	159,814	176,789	175,873	174,032	1,228,922	2,094,934
WATER												
Water Distribution Systems	33,872	60,464	62,606	65,093	58,654	64,372	65,350	99,075	117,595	121,131	748,211	1,446,953
Water Lead Program	4,711	5,408	5,387	5,456	5,627	5,719	5,496	5,744	5,877	5,692	55,117	243,504
Water On-Going Projects	10,532	11,075	12,297	13,351	15,199	16,789	18,583	20,447	22,981	23,506	164,761	217,972
Water Pumping Facilities	1,525	2,650	12,169	6,284	2,567	4,218	7,446	4,163	2,328	-	43,350	85,344
DDOT Water Projects	1,721	10	8	-	-	-	-	-	-	-	1,739	33,933
Water Storage Facilities	6,216	4,318	10,399	13,963	5,610	4,783	11,334	8,985	694	1,360	67,662	155,164
Water Service Program Management	3,587	4,752	6,012	4,854	5,248	5,884	8,110	8,376	5,441	3,008	55,272	90,944
Subtotal	62,163	88,677	108,878	109,000	92,905	101,765	116,319	146,791	154,916	154,697	1,136,112	2,273,813
CAPITAL PROJECTS												
CAPITAL EQUIPMENT	17,105	27,327	30,485	29,385	30,070	30,070	30,070	30,070	30,070	30,070	284,722	284,722
ONGOING METER REPLACEMENT	5,498	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	31,868	31,868
ERP PROJECT (Financial & HCM)	9,100	6,950	375	-	-	-	-	-	-	-	16,425	16,425
Subtotal	31,703	37,207	33,790	32,315	33,000	33,000	33,000	33,000	33,000	33,000	333,015	333,015
WASHINGTON AQUEDUCT	15,515	16,266	18,572	37,841	12,699	33,875	9,508	12,863	24,068	13,971	195,178	195,178
ADDITIONAL CAPITAL PROGRAMS												
	47,218	53,473	52,362	70,156	45,699	66,875	42,508	45,863	57,068	46,971	528,193	528,193
LABOR												
												409,370
TOTAL CAPITAL BUDGETS												
	452,223	507,590	611,008	531,323	438,195	461,193	580,092	589,978	628,404	650,006	5,450,013	12,390,598

Presented and Adopted: March 5, 2020

SUBJECT: Approval of Fiscal Year 2020 - 2029 Ten-Year Financial Plan

**#20-16
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“DC Water”) at the Board meeting held on March 5, 2020, upon consideration of a joint-use matter decided by a vote of ___ () in favor and ___ () opposed, to take the following action with respect to the Fiscal Year 2020 - 2029 Ten Year Financial Plan.

WHEREAS, prudent utility financial management requires a long-term financial plan that integrates common elements of the ten-year capital improvement program, future capital financing plans, projected operating and maintenance budgets, revenue requirements and projected rate increases to support long-term capital and operating needs; and

WHEREAS, the Board, in Resolutions 11-10 and 13-57, adopted a series of financial policies in the areas of capital financing, long-term financial planning, and rate-setting to assure the short-term and long-term financial health of DC Water; and

WHEREAS, adherence to these financial policies has allowed the DC Water to receive strong bond ratings that will reduce debt service costs over the ten-year planning period; and

WHEREAS, consistent with the Board policies and management financial targets, the General Manager has prepared a ten-year financial plan in conjunction with the proposed FY 2021 operating and capital budgets; and

WHEREAS, the ten-year financial plan is based on assumptions detailed in the proposed Fiscal Year 2021 Operating and Capital Budgets; and

WHEREAS, the ten-year financial plan is consistent with projections appearing in the attached Schedules A, B and C of this Resolution; and

WHEREAS, on January 28, 2020, the DC Retail Water and Sewer Rates Committee met and reviewed the proposed ten-year financial plan, and

WHEREAS, on February 25, 2020, the DC Retail Water and Sewer Rates Committee and Finance and Budget Committee, respectively, met and reviewed the proposed ten-year

financial plan, and recommended that the Board adopt the plan as recommended by the General Manager.

NOW THEREFORE BE IT RESOLVED THAT:

1. The Board hereby accepts and approves the proposed Fiscal Year 2020 - 2029 Ten Year Financial Plan that is supported by the attached Schedule A, B and C and the proposed Fiscal Year 2021 Operating and Capital Budgets.

This resolution is effective immediately.

Secretary to the Board of Directors

Schedule A

**District of Columbia Water & Sewer Authority
FY 2020 - FY 2029 Financial Plan
(In 000's)**

OPERATING	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
<i>Retail*</i>	\$ 571,666	\$ 607,107	\$ 630,495	\$ 669,848	\$ 723,657	\$ 762,224	\$ 791,988	\$ 833,503	\$ 879,616	\$ 928,122
<i>Wholesale*</i>	82,539	81,986	84,445	86,978	89,588	92,275	95,044	97,895	100,832	103,857
<i>Other</i>	44,774	42,145	40,858	44,081	46,959	51,637	54,692	54,970	56,935	57,752
<i>RSF</i>	-	2,500	10,500	-	-	-	-	-	-	-
Operating Receipts ⁽¹⁾	\$ 698,979	\$ 733,738	\$ 766,298	\$ 800,907	\$ 860,204	\$ 896,136	\$ 941,724	\$ 986,368	\$ 1,037,383	\$ 1,089,731
Operating Expenses	(347,881)	(365,658)	(376,303)	(387,553)	(399,149)	(411,101)	(423,421)	(436,120)	(449,209)	(462,701)
Debt Service	(205,137)	(222,268)	(240,497)	(257,460)	(271,238)	(286,756)	(299,489)	(315,321)	(332,807)	(348,316)
Cash Financed Capital Improvement	\$ (28,556)	\$ (30,355)	\$ (37,830)	\$ (46,889)	\$ (50,656)	\$ (60,178)	\$ (71,279)	\$ (75,015)	\$ (79,165)	\$ (83,531)
Net Revenues After Debt Service	\$ 117,405	\$ 115,456	\$ 111,668	\$ 109,005	\$ 139,161	\$ 138,101	\$ 147,535	\$ 159,912	\$ 176,202	\$ 195,183
Operating Reserve-Beg Balance	186,764	180,000	185,000	194,000	201,000	205,000	215,000	220,000	230,000	240,000
Other Misc (Disbursements)/Receipts										
Wholesale/Federal True Up	(5,372)	(3,184)	(5,490)	-	-	-	-	-	-	-
Project Billing Refunds	(4,000)	(4,000)	-	-	-	-	-	-	-	-
Transfers To RSF	(13,000)	-	-	-	-	-	-	-	-	-
Pay-Go Financing	(101,797)	(103,272)	(97,178)	(102,005)	(135,161)	(128,101)	(142,535)	(149,912)	(166,202)	(185,183)
Operating Reserve - Ending Balance	\$ 180,000	\$ 185,000	\$ 194,000	\$ 201,000	\$ 205,000	\$ 215,000	\$ 220,000	\$ 230,000	\$ 240,000	\$ 250,000
Rate Stabilization Fund Balance RSF ⁽²⁾	\$ (74,450)	\$ (71,950)	\$ (61,450)	\$ (61,450)						
Senior Debt Service Coverage	459%	502%	533%	513%	616%	647%	632%	618%	660%	769%
Combined Debt Service Coverage	171%	172%	169%	170%	179%	177%	181%	182%	184%	187%
Actual/Projected Water/Sewer Rate Increases	11.5%	9.9%	7.8%	8.5%	7.5%	7.5%	7.5%	7.5%	7.5%	7.5%
*Operating Receipts \$ Increase/Decrease										
Retail	7,460	35,441	23,388	39,353	53,809	28,567	39,764	41,514	46,113	48,507
Wholesale	423	(554)	2,460	2,533	2,609	2,688	2,768	2,851	2,937	3,025
*Operating Receipts % Increase/Decrease										
Retail	1.3%	6.2%	3.9%	6.2%	8.0%	3.9%	5.3%	5.2%	5.5%	5.5%
Wholesale	0.5%	-0.7%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%

⁽¹⁾ Includes interest earnings on senior lien revenue bonds' debt service reserve fund

⁽²⁾ FY 2021 planned transfers of \$0.0 million to Rate Stabilization Fund and \$2.5 million utilization will bring the total fund balance to \$71.95 million

Schedule B

District of Columbia Water & Sewer Authority
FY 2020 - FY 2029 Average Residential Customer Monthly Bill

	Units	Current	Proposed	Proposed	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
		FY 2020	FY 2021	FY 2022							
DC Water Water and Sewer Retail Rates ⁽¹⁾	Ccf	\$ 66.25	\$ 73.30	\$ 78.92	\$ 85.61	\$ 92.07	\$ 98.98	\$ 106.40	\$ 114.41	\$ 123.04	\$ 132.26
DC Water Clean Rivers IAC ⁽²⁾	ERU	20.94	19.52	18.40	19.58	24.07	23.07	23.82	24.56	25.64	26.78
DC Water Customer Metering Fee	5/8"	3.86	4.96	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75
DC Water Water System Replacement Fee ⁽⁴⁾	5/8"	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30
Subtotal DC Water Rates & Charges		\$ 97.35	\$ 104.08	\$ 111.37	\$ 119.24	\$ 130.19	\$ 136.10	\$ 144.27	\$ 153.02	\$ 162.73	\$ 173.09
Increase / Decrease		\$ 5.01	\$ 6.73	\$ 7.29	\$ 7.87	\$ 10.95	\$ 5.91	\$ 8.17	\$ 8.75	\$ 9.71	\$ 10.36
District of Columbia PILOT Fee ⁽¹⁾	Ccf	\$ 2.76	\$ 2.93	\$ 3.04	\$ 3.09	\$ 3.14	\$ 3.20	\$ 3.25	\$ 3.31	\$ 3.36	\$ 3.41
District of Columbia Right-of-Way Fee ⁽¹⁾	Ccf	1.03	1.03	1.03	1.03	1.08	1.08	1.08	1.08	1.08	1.14
District of Columbia Stormwater Fee ⁽³⁾	ERU	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
Subtotal District of Columbia Charges		\$ 6.46	\$ 6.63	\$ 6.74	\$ 6.79	\$ 6.89	\$ 6.95	\$ 7.00	\$ 7.06	\$ 7.11	\$ 7.22
Total Amount Appearing on DC Water Bill		\$ 103.81	\$ 110.71	\$ 118.11	\$ 126.03	\$ 137.08	\$ 143.05	\$ 151.27	\$ 160.08	\$ 169.84	\$ 180.31
Increase / Decrease Over Prior Year		\$ 5.11	\$ 6.90	\$ 7.40	\$ 7.92	\$ 11.05	\$ 5.97	\$ 8.22	\$ 8.81	\$ 9.76	\$ 10.47
Percent Increase in Total Bill		5.2%	6.6%	6.7%	6.7%	8.8%	4.4%	5.7%	5.8%	6.1%	6.2%

(1) Assumes average monthly consumption of 5.42 Ccf, or (4,054 gallons)

(2) Assumes average 1 Equivalent Residential Unit (ERU)

(3) District Department of the Environment stormwater fee of \$2.67 effective November 1, 2010

(4) DC Water "Water System Replacement Fee" of \$6.30 for 5/8" meter size effective October 1, 2015

Schedule C

District of Columbia Water & Sewer Authority
Retail Rates, Charges and Fees
FY 2020 – FY 2022

	Units	FY 2020	Proposed FY 2021	Proposed FY 2022
DC Water Retail Rates Water (Residential Lifeline 0 - 4 Ccf)	Ccf	\$ 3.06	\$ 3.49	\$ 3.63
DC Water Retail Rates Water (Residential > 4 Ccf)	Ccf	\$ 4.10	\$ 4.50	\$ 4.74
DC Water Retail Rates Water (Multi-Family)	Ccf	\$ 3.54	\$ 3.96	\$ 4.15
DC Water Retail Rates Water (Non-Residential)	Ccf	\$ 4.25	\$ 4.65	\$ 4.91
DC Water Retail Rates Sewer	Ccf	\$ 8.89	\$ 9.77	\$ 10.64
DC Water Clean Rivers IAC	ERU	\$ 20.94	\$ 19.52	\$ 18.40
DC Water Customer Metering Fee	5/8"	\$ 3.86	\$ 4.96	\$ 7.75
DC Water Water System Replacement Fee	5/8"	\$ 6.30	\$ 6.30	\$ 6.30
District of Columbia PILOT Fee	Ccf	\$ 0.51	\$ 0.54	\$ 0.56
District of Columbia Right-of-Way Fee	Ccf	\$ 0.19	\$ 0.19	\$ 0.19
District of Columbia Stormwater Fee	ERU	\$ 2.67	\$ 2.67	\$ 2.67

Presented and Adopted: March 5, 2020
SUBJECT: Fiscal Year 2020-2021 Intent to Reimburse Capital Expenditures with Proceeds of a Borrowing

#20-17
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority, (“DC Water”) at the Board meeting held on March 5, 2020, upon consideration of a joint-use matter, decided by a vote of ____ () in favor and ____ () opposed, to take the following action with respect to the Fiscal Year 2020-2021 Reimbursement of Capital Expenditures with Proceeds of a Borrowing.

WHEREAS, DC Water intends to acquire, construct and equip improvements to the “System,” which shall be considered “Costs of the System” as both terms are defined in the Master Indenture of Trust between DC Water and Wells Fargo Bank, N.A., dated April 1, 1998, potentially including, but not limited to the items and projects set forth in Exhibit A hereto (collectively, the “Projects”); and

WHEREAS, plans for the Projects have advanced and DC Water expects to advance its own funds to pay expenditures related to the Projects (“Expenditures”) prior to incurring indebtedness and to receive reimbursement for such Expenditures from proceeds of tax-exempt bonds or notes or taxable debt, or both.

NOW THEREFORE BE IT RESOLVED THAT:

1. DC Water utilizes the proceeds of tax-exempt bonds, taxable bonds or notes (the “Bonds”) or other debt in an amount not currently expected to exceed \$650,000,000 to pay costs of the Projects. These costs include amounts heretofore unreimbursed pursuant to Resolution 19-17 the Board adopted on April 4, 2019, plus amounts projected to be reimbursed during Fiscal Year 2020 – 2021.
2. DC Water intends to use the proceeds of the Bonds to reimburse itself for Expenditures with respect to the Projects made on or after the date that is 60 days prior to the date of this Resolution. DC Water reasonably expects on the date hereof that it will reimburse the Expenditures with the proceeds of the Bonds or other debt.
3. Each Expenditure was or will be, unless otherwise supported by the opinion of bond counsel, either (a) of a type properly chargeable to a capital account under general federal income tax principles (determined in each case as of the date of

the Expenditure), (b) a cost of issuance with respect to the Bonds, (c) a nonrecurring item that is not customarily payable from current revenues, or (d) a grant to a party that is not related to or an agent of DC Water so long as such grant does not impose any obligation or condition (directly or indirectly) to repay any amount to or for the benefit of DC Water.

4. DC Water makes a reimbursement allocation, which is a written allocation by DC Water that evidences DC Water's use of proceeds of the Bonds to reimburse an Expenditure, no later than 18 months after the later of the date on which the Expenditure is paid or the Project is placed in service or abandoned, but in no event more than three years after the date on which the Expenditure is paid. DC Water recognizes that exceptions are available for certain "preliminary expenditures," costs of issuance, certain de minimis amounts, expenditures by "small issuers" and expenditures for any construction, the completion of which is expected to require at least five years.
5. The Board adopts this resolution confirming the "official intent" within the meaning of Treasury Regulations Section 1.150-2 promulgated under the Internal Revenue Code of 1986, as amended.

This resolution is effective immediately.

Secretary to the Board of Directors

Exhibit A - List of Projects

Blue Plains System
Non Process Facilities
Sanitary Sewer System
Combined Sewer System
DC Clean Rivers
Stormwater Sewer System
Water Pumping, Distribution and Storage
Capital Equipment
Washington Aqueduct

Presented and Adopted: March 5, 2020
SUBJECT: Approval to Increase the General Manager's Authority
for Abatement of Charges

#20-18
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("DC Water") at the Board meeting held on March 5, 2020, upon consideration of a joint-use matter decided by a vote of ____ () in favor and ____ () opposed, to take the following action with respect to the increasing the General Manager's authority for abatement of charges.

WHEREAS, pursuant to Section 203(11) of D.C. Law 11-111, the "Water and Sewer Authority Establishment and Department of Public Works Reorganization Act of 1996," effective on April 18, 1996, as amended, ("the Act"), the Board was granted certain general powers to "[t]o establish, adjust, levy, collect, and abate charges for services, facilities, or commodities furnished or supplied by it;" and

WHEREAS, on September 4, 1997, the Board through Resolution #97-91, delegated certain authority conferred upon the Board in the Act, including delegating authority provided in Section 203(11) of the Act to the General Manager for the abatement of charges not to exceed \$25,000; and

WHEREAS, on February 25, 2020, the DC Retail Water and Sewer Rates Committee met and reviewed the proposal to amend Resolution #97-91 to increase the General Manager's authority for abatement of charges from \$25,000 to \$50,000; and

WHEREAS, DC Retail Water and Sewer Rates Committee recommended that the Board take final action on the proposed amendment of Resolution #97-91 to increase the General Manager's authority for the abatement of charges from \$25,000 to \$50,000.

NOW THEREFORE BE IT RESOLVED THAT:

1. The Board hereby increases the General Manager's authority for the abatement of charges for services, facilities, or commodities furnished or supplied by DC Water, as follows:

Section 203(11), Abatement of Charges, not to exceed \$50,000.00.

This resolution is effective immediately.

Secretary to the Board of Directors

Presented and Adopted: March 5, 2020

SUBJECT: Proposed Fiscal Year 2021 and 2022 Metered Water and Sewer Service Rates, Right-of-Way (ROW), Payment-in-Lieu of Taxes (PILOT) Fee, Customer Metering Fees, Clean Rivers Impervious Area Charge (CRIAC), CAP CRIAC Discount and Amendments to CAP2 Regulations

**#20-19
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The District members of the Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“DC Water”) at the Board meeting held on March 5, 2020 upon consideration of a non-joint use matter, decided by a vote of ___ () in favor and ___ () opposed, to approve the following action with respect to the proposed Fiscal Year 2021 and Fiscal Year 2022 Metered Retail Rates for Water and Sewer Service, Clean Rivers Impervious Area Charge (IAC), Customer Metering Fees, the Right-of-Way Occupancy Fee Pass Through Charge (ROW), and Payment In Lieu of Taxes Fee (PILOT), CAP CRIAC Discount and Amendments to CAP2 Regulations.

WHEREAS, pursuant to Resolution 97-124, dated December 4, 1997, the Board has adopted a revised rate setting policy that calls for rates, charges and fees that, together with other revenue sources, yield a reliable and predictable stream of revenues and will generate sufficient revenues to pay for DC Water’s projected operating and capital expenses; and

WHEREAS, the Board has adopted various financial policies that require revenues to ensure compliance with Board policies regarding maintenance of senior debt coverage and cash reserves; and

WHEREAS, DC Water has three classes of customers: residential, multi-family and non-residential, as promulgated in Section 4104 of Title 21 of the District of Columbia Municipal Regulations (DCMR); and

WHEREAS, the DC Retail Water and Sewer Rates Committee met on January 28, 2020 to consider the proposed rate, charges and fees changes for Fiscal Year (“FY”) 2021 and FY 2022; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment, a combined retail water and sewer rate increase of \$1.31 per one hundred cubic feet (“Ccf”) (\$1.75 per 1,000 gallons) for the first 4 Ccf of

Residential customer's water use (Lifeline) for FY 2021 and \$1.01 per one hundred cubic feet ("Ccf") (\$1.34 per 1,000 gallons) for the first 4 Ccf of Residential customer's water use (Lifeline) for FY 2022; and

WHEREAS, the proposed increase in Lifeline (Residential customer's first 4 Ccf of water usage) water and sewer rates will result in a combined water and sewer rate of \$13.26 per Ccf (\$17.73 per 1,000 gallons) of metered water and sewer use for FY 2021 and a combined water and sewer rate of \$14.27 per Ccf (\$19.07 per 1,000 gallons) for FY 2022; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment, a combined retail water and sewer rate increase of \$1.28 per Ccf (\$1.71 per 1,000 gallons) for water usage greater than 4 Ccf for Residential customers for FY 2021 and a combined retail water and sewer rate increase of \$1.11 per Ccf (\$1.48 per 1,000 gallons) for water usage greater than 4 Ccf for Residential customers for FY 2022; and

WHEREAS, the proposed increase for water usage greater than 4 Ccf and the sewer rates for Residential customers will result in a combined water and sewer rate of \$14.27 per Ccf (\$19.08 per 1,000 gallons) of metered water and sewer use for FY 2021 and a combined water and sewer rate of \$15.38 per Ccf (\$20.56 per 1,000 gallons) of metered water and sewer use for FY 2022; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment, a combined retail water and sewer rate increase of \$1.30 per Ccf (\$1.73 per 1,000 gallons) for Multi-family customers for FY 2021 and a combined retail water and sewer rate increase of \$1.06 per Ccf (\$1.42 per 1,000 gallons) for Multi-family customers for FY 2022; and

WHEREAS, the proposed increase in the water and sewer rates for Multi-family customers will result in a combined water and sewer rate of \$13.73 per Ccf (\$18.35 per 1,000 gallons) of metered water and sewer use for FY 2021 and a combined water and sewer rate of \$14.79 per Ccf (\$19.77 per 1,000 gallons) of metered water and sewer use for FY 2022; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment, a combined retail water and sewer rate increase of \$1.28 per Ccf (\$1.71 per 1,000 gallons) for Non-Residential customers for FY 2021 and a combined retail rate increase of \$1.13 per Ccf (\$1.50 per 1,000 gallons) for Non-Residential customers for FY 2022; and

WHEREAS, the proposed increase in the water and sewer rates for Non-Residential customers will result in a combined water and sewer rate of \$14.42 per Ccf (\$19.28 per 1,000 gallons) of metered water and sewer use for FY 2021 and a combined water and sewer rate of \$15.55 per Ccf (\$20.78 per 1,000 gallons) of metered water and sewer use for FY 2022; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment a decrease in the monthly Clean Rivers Impervious Area Charge of \$1.42 per Equivalent Residential Unit (ERU) for FY 2021 and a decrease in the monthly Clean Rivers Impervious Area Charge of \$1.12 per Equivalent Residential Unit (ERU) for FY 2022 to recover the \$2.7 billion costs of the Combined Sewer Overflow Long-Term Control Plan (CSO-LTCP); and

WHEREAS, the DC Retail Rates Committee recommended that the Board maintain the ROW fee at the current amount of \$0.19 per Ccf (\$0.25 per 1,000 gallons) of water used for FY 2021 and FY 2022 to recover the full cost of the District of Columbia government; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment, an increase in the PILOT fee of \$0.03 per Ccf (\$0.04 per 1,000 gallons) for FY 2021 and an increase in the PILOT fee of \$0.02 per Ccf (\$0.03 per 1,000 gallons) for FY 2022 to recover the full cost of the District of Columbia government fees; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment, an increase in the Customer Metering Fees, based on meter size from \$3.86 to \$4.96 for a 5/8 inch meter (typical residential customer meter) for FY 2021, and an increase from \$4.96 to \$7.75 for a 5/8 inch meter (typical residential customer meter) for FY 2022, and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comments, an amendment of the Customer Assistance Program (CAP), to increase the CRIAC benefit from fifty percent (50%) off the monthly billed CRIAC to seventy-five percent (75%) off the monthly billed CRIAC for eligible CAP customers with an annual household income that meets the household income-eligibility requirements for the District's Low Income Home Energy Assistance Program (LIHEAP), below sixty percent (60%) of the State Median Income (SMI) for the District of Columbia; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment, an amendment of the regulations to make DC Water's Customer Assistance Program II (CAP2) permanent; and

WHEREAS, adoption of these rate and fee changes would increase the monthly bill of the average Residential customer using 5.42 Ccf (or 4,054 gallons) by approximately \$6.90 per month or \$82.80 per year for FY 2021 and by approximately \$7.40 per month or \$88.80 per year for FY 2022; and

WHEREAS, DC Water's retail revenue projections for Fiscal Year 2021 reflect an approximate \$26.8 million increase due to the proposed \$30.9 million increase in retail water and sewer rates, an approximate \$0.4 million increase due to the proposed PILOT

fee increase, and an approximate \$4.5 million decrease due to the proposed Clean Rivers IAC decrease; and

WHEREAS, DC Water’s retail revenue projections for Fiscal Year 2022 reflect an approximate \$23.9 million increase due to the proposed \$28.9 million increase in retail water and sewer rates, an approximate \$0.4 million increase due to the proposed PILOT fee increase, and an approximate \$5.4 million decrease due to the proposed Clean Rivers IAC decrease; and

WHEREAS, DC Retail Water and Sewer Rates Committee recommend that the Board take final action on the proposed rate and fee increases, customer metering fees and amend regulations for the CAP2 program at the conclusion of the public notice and comment period and Public Hearing, which will occur over the next several months.

NOW THEREFORE BE IT RESOLVED THAT:

1. The Board finds that DC Water’s projected expenditures require that it propose, for public comment, the rate and fee increases described below:

Retail Metered Water Service Rates

- a. An increase in the rate for metered water services:

Metered Water Services

	FY 2020		FY 2021		FY 2022		FY 2021 vs. FY 2020		FY 2022 vs. FY 2021	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers - (0 – 4)	\$3.06	\$4.09	\$3.49	\$4.67	\$3.63	\$4.85	\$0.43	\$0.58	\$0.14	\$0.18
Residential customers – (> 4)	\$4.10	\$5.48	\$4.50	\$6.02	\$4.74	\$6.34	\$0.40	\$0.54	\$0.24	\$0.32
Multi-Family customers	\$3.54	\$4.73	\$3.96	\$5.29	\$4.15	\$5.55	\$0.42	\$0.56	\$0.19	\$0.26
Non-Residential customers	\$4.25	\$5.68	\$4.65	\$6.22	\$4.91	\$6.56	\$0.40	\$0.54	\$0.26	\$0.34

**Retail Sewer Service Rates
(Metered and Unmetered)**

- b. An increase in the rate for metered sewer services:

Metered Sewer Services

	FY 2020		FY 2021		FY 2022		FY 2021 vs. FY 2020		FY 2022 vs. FY 2021	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers	\$8.89	\$11.89	\$9.77	\$13.06	\$10.64	\$14.22	\$0.88	\$1.17	\$0.87	\$1.16
Multi-Family customers	\$8.89	\$11.89	\$9.77	\$13.06	\$10.64	\$14.22	\$0.88	\$1.17	\$0.87	\$1.16
Non-Residential customers	\$8.89	\$11.89	\$9.77	\$13.06	\$10.64	\$14.22	\$0.88	\$1.17	\$0.87	\$1.16

Clean Rivers Impervious Area Charge (CRIAC)

- c. A decrease in the annual Clean Rivers Impervious Area Charge (CRIAC) from \$251.28 to \$234.24 per Equivalent Residential Unit (ERU) in FY 2021 and a decrease in the annual Clean Rivers Impervious Area Charge (CRIAC) from \$234.24 to \$220.80 per Equivalent Residential Unit (ERU) in FY 2022.

The charge per ERU will be billed monthly at:

Clean Rivers Impervious Area Charge (CRIAC)

	FY 2020	FY 2021	FY 2022	FY 2021 vs. FY 2020 Incr. / (Decr.)	FY 2022 vs. FY 2021 Incr. / (Decr.)
	ERU	ERU	ERU	ERU	ERU
Residential customers	\$20.94	\$19.52	\$18.40	(\$1.42)	(\$1.12)
Multi-Family customers	\$20.94	\$19.52	\$18.40	(\$1.42)	(\$1.12)
Non-Residential customers	\$20.94	\$19.52	\$18.40	(\$1.42)	(\$1.12)

**District of Columbia Pass Through Charge
Right-of-Way Occupancy / PILOT Fee**

- d. There is no increase in the **Right-of-Way Occupancy Fee** in FY 2021 or 2022:

ROW

	FY 2020		FY 2021		FY 2022		FY 2021 vs. FY 2020 Incr. / (Decr.)		FY 2022 vs. FY 2021 Incr. / (Decr.)	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers	\$0.19	\$0.25	\$0.19	\$0.25	\$0.19	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00
Multi-Family customers	\$0.19	\$0.25	\$0.19	\$0.25	\$0.19	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00
Non-Residential customers	\$0.19	\$0.25	\$0.19	\$0.25	\$0.19	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00

- e. An increase in the **Payment-in-Lieu of Taxes Fee** for FY 2021 and FY 2022:

PILOT

	FY 2020		FY 2021		FY 2022		FY 2021 vs. FY 2020 Incr. / (Decr.)		FY 2022 vs. FY 2021 Incr. / (Decr.)	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers	\$0.51	\$0.68	\$0.54	\$0.72	\$0.56	\$0.75	\$0.03	\$0.04	\$0.02	\$0.03
Multi-Family customers	\$0.51	\$0.68	\$0.54	\$0.72	\$0.56	\$0.75	\$0.03	\$0.04	\$0.02	\$0.03
Non-Residential customers	\$0.51	\$0.68	\$0.54	\$0.72	\$0.56	\$0.75	\$0.03	\$0.04	\$0.02	\$0.03

Customer Metering Fee

- f. An increase in the Customer Metering Fees for FY 2021 and FY 2022, Increases for all meter sizes as shown in the table below:

Customer Metering Fees

Meter Size	FY 2020	FY 2021	FY 2022
5/8"	\$ 3.86	\$ 4.96	\$ 7.75
3/4"	\$ 4.06	\$ 5.22	\$ 8.16
1"	\$ 4.56	\$ 5.86	\$ 9.16
1x1.25"	\$ 4.83	\$ 6.21	\$ 9.70
1.5"	\$ 6.88	\$ 8.85	\$ 13.82
2"	\$ 7.54	\$ 9.69	\$ 15.14
2x1/2"	\$ 8.00	\$ 10.28	\$ 16.07
2x5/8"	\$ 8.00	\$ 10.28	\$ 16.07
3"	\$ 76.98	\$ 98.92	\$ 154.56
3x5/8"	\$ 77.94	\$ 100.16	\$ 156.49
3x3/4"	\$ 77.94	\$ 100.16	\$ 156.49
4"	\$ 137.37	\$ 176.52	\$ 275.81
4x3/4"	\$ 138.15	\$ 177.52	\$ 277.38
4x1"	\$ 138.15	\$ 177.52	\$ 277.38
4x2"	\$ 138.15	\$ 177.52	\$ 277.38
4x2x5/8"	\$ 181.04	\$ 232.64	\$ 363.49
6"	\$ 268.14	\$ 344.56	\$ 538.37
6x1"	\$ 272.70	\$ 350.42	\$ 547.52
6x1x1/2"	\$ 272.70	\$ 350.42	\$ 547.52
6x1/2"	\$ 323.09	\$ 415.17	\$ 648.70
6x3x3/4"	\$ 323.09	\$ 415.17	\$ 648.70
6x3"	\$ 323.09	\$ 415.17	\$ 648.70
8"	\$ 323.29	\$ 415.42	\$ 649.10
8x2"	\$ 323.29	\$ 415.42	\$ 649.10
8x4x1"	\$ 358.26	\$ 460.36	\$ 719.31
10"	\$ 317.91	\$ 408.51	\$ 638.30
10x2"	\$ 403.62	\$ 518.65	\$ 810.38
10x6x1"	\$ 403.62	\$ 518.65	\$ 810.38
10x6"	\$ 403.62	\$ 518.65	\$ 810.38
12"	\$ 329.66	\$ 423.61	\$ 661.89
12x6"	\$ 329.66	\$ 423.61	\$ 661.89
16"	\$ 349.45	\$ 449.04	\$ 701.62

Customer Assistance Program (CAP)

- g. Amend the CAP regulations to increase the percentage of Clean Rivers Impervious Area Charge (CRIAC) discount from 50% to 75% off the monthly billed CRIAC for eligible CAP customers with household incomes below 60% of the State Median Income (SMI) for the District of Columbia.
 - h. Amend CAP regulations to make DC Water’s Customer Assistance Program II (CAP2) permanent for eligible CAP2 customers with household incomes at or above 60% of the SMI for the District of Columbia and below 80% of the Area Median Income (AMI) for the District of Columbia, not capped by the United States median low-income limit.
2. The General Manager is authorized to take all steps necessary in his judgment and as otherwise required, to initiate the public comment process and shall provide notice of the proposed rate adjustments and fees in the manner provided by DC Official Code § 34-2202.16(b), 21 DCMR Chapter 40, and the District of Columbia’s Administrative Procedures.

This resolution is effective immediately.

Secretary to the Board of Directors