



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
259th MEETING OF THE BOARD OF DIRECTORS**

Thursday, December 5, 2019

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 November 7, 2019 Meeting Minutes**
- IV. **Chairman's Overview**
- V. **Committee Reports**
 1. **Governance Committee (Ellen Boardman)**
 2. **DC Retail Water and Sewer Rates Committee (Rachna Bhatt)**
 3. **Finance and Budget Committee (Chairman Tommy Wells)**
 4. **Environmental Quality and Operations Committee (Adam Ortiz)**
- 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 Exercise Option Year One of Contract No. 18-PR-DWT, Nutri-Blend Inc. – Resolution No. 19-76 (Recommended by the Environmental Quality and Operations Committee 11/21/19)**
 2. **Approval to Exercise Option Year One of Contract No. 18-PR-DFS-29, Clean Team Janitorial Services – Resolution No. 19-77 (Recommended by the Environmental Quality and Operations Committee 11/21/19)**

3. [Approval to Execute Contract No. 19-PR-DWS-29, Dynamic Concepts, Inc. \(DCI\) – Resolution No. 19-78](#) (Recommended by the Environmental Quality and Operations Committee 11/21/19)
4. [Approval to Execute Contract No. 19-PR-DET-2, Alan Tye & Associates LLC – Resolution No. 19-79](#) (Recommended by the Environmental Quality and Operations Committee 11/21/19)
5. [Approval to Execute Contract No. 190070, HESS Construction & Engineering – Resolution No. 19-80](#) (Recommended by the Environmental Quality and Operations Committee 11/21/19)
6. [Approval to Execute Contract No. 190080, HESS Constructon & Engineering – Resolution No. 19-81](#) (Recommended by the Environmental Quality and Operations Committee 11/21/19)
7. [Approval to Execute Contract No. 180070, Corman Kokosing Construction Company – Resolution No. 19-82](#) (Recommended by the Environmental Quality and Operations Committee 11/21/19)
8. [Approval to Execute Supplemental Agreement No. 3 of Contract No. DCFA #450-WSA, Arcadis District of Columbia PC – Resolution No. 19-83](#) (Recommended by the Environmental Quality and Operations Committee 11/21/19)

X. Consent Item Non-Joint Use

1. [Approval to Execute Contract No. 160140, Anchor Construction Corporation - Resolution No. 19-84](#) (Recommended by the Environmental Quality and Operations Committee 11/21/19)

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

- Governance Committee, Wednesday, January 8, 2020 @ 9:00 a.m.
- Human Resource and Labor Relations Committee, January 8, 2020 @ 11:00 a.m.
- Environmental Quality and Operations Committee – Thursday, January 16, 2020 @ 9:30 a.m.
- Finance and Budget Committee, Tuesday, January 23, 2020 @ 11:00 a.m.
- DC Retail Water and Sewer Rates Committee – Tuesday, January 28, 2020 @ 9:30 a.m.



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

Governance Committee

Wednesday, November 13, 2019

9:00 a.m.

MEETING MINUTES

Committee Members

Ellen O. Boardman, Chairperson
Lavinia A. Baxter
Rachna Bhatt
David Franco (by phone)
Ivan Frishberg
Fariba Kassiri (by phone)

DC Water Staff

David L. Gadis, CEO/General Manager
Gregory Hope, Interim Executive Vice
President, Office of Legal Affairs
Thomas Kuczynski, Vice President,
Information Technology and Interim
President of Blue Drop
Linda Manley, Board Secretary

Call to Order

Chairperson Boardman called the meeting to order at 9:00 a.m.

Agenda Item #1 – Blue Drop Assessment Update

General Manager/CEO David Gadis introduced Thomas Kuczynski, Vice President, Information Technology, who has assumed the position of Interim President of Blue Drop following Alan Heymann's departure as of November 1. Mr. Kuczynski presented Agenda Item #1 – Blue Drop Assessment Update.

Blue Drop Assessment Update

Mr. Kuczynski reported that Blue Drop is currently in a transition phase following the resignation of Mr. Heymann, Blue Drop's former President. An interim plan has been developed to move Blue Drop forward following the expiration of its three (3) year start-up period. Mr. Kuczynski explained that an international water and wastewater consulting firm, AMANE, performed a two (2) week assessment including document review, review of Blue Drop's organizational structure, and conducting twenty (20) interviews with DC Water executives, resources and Blue Drop customers who provided feedback on Blue Drop's progress in its first three (3) years.

Key Takeaways

Mr. Kuczynski explained that while Blue Drop was successful in achieving part of its mission to be a flexible and nimble organization, Blue Drop needed to be more transparent and focused on generating revenue for DC Water, outside of normal ratepayer funds.

He reported that although Blue Drop managed several business lines and revenue streams (e.g., 1) marketing and sale of Bloom; 2) administration and collection of payments on DC Water's existing Intellectual Property (IP) contracts; 3) marketing DC Water Headquarters for event rentals; and 4) consulting services) its approach to consulting changed.

Committee Questions Related to Lines of Business and Revenue Streams:

1. In response to Committee Member concerns, Mr. Kuczynski explained that marketing DC Water's Headquarters for event rentals is an appropriate use of the excess space at HQ. Blue Drop has the capacity, budget and resources to oversee facility rentals and other non-regulated revenue generating opportunities.

Next, Mr. Kuczynski explained that Blue Drop is working on an updated revenue sharing agreement with DC Water, an updated sales and marketing agreement for Bloom; and a transfer price agreement to allow Blue Drop to buy resources from DC Water at a reasonable cost. He noted that the absence of a comprehensive marketing and sales strategy for Bloom, limits Blue Drop's short-term ability to move volume out of Blue Plains.

Recommendations

Mr. Kuczynski reported that Blue Drop needs to realign its mission to be more transparent, establish business case for each possible opportunity, develop a connected approach to market and sell Bloom, and formalize agreements to address and outline the roles and responsibilities of Blue Drop and DC Water.

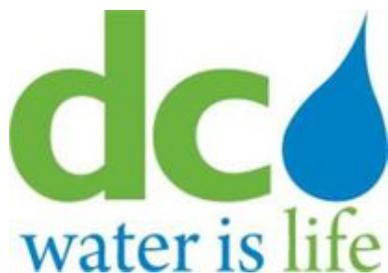
He encouraged the Committee to visit Blue Drop's website www.bluedrop.co. He also agreed to provide the Committee with a detailed financial report setting forth income and expenses.

Chairperson Boardman and Committee member Bhatt thanked Mr. Kuczynski for his efforts and preliminary work, and for accepting the role as Interim President of Blue Drop.

Chairperson Boardman also thanked Kim Marshall and Francesca Valente, Blue Drop's Vice Presidents, for their continued service and efforts in furtherance of Blue Drop's success.

Adjournment

There being no further business, the meeting was adjourned at approximately 10:14 a.m.



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

DC Retail Water and Sewer Rates Committee

Tuesday, November 19, 2019

9:30 a.m.

MEETING MINUTES

Committee Members

Rachna Bhatt, Chairperson
Tommy Wells, Chairman
Howard Gibbs
Ellen O. Boardman

DC Water Staff

Matthew Brown, CFO/EVP Finance & Procurement
Marc Battle, EVP, Office of Legal Affairs
Gregory Hope, Associate General Counsel
Alfonzo Kilgore-Stukes, Board Admin. Specialist

Committee Members Via Teleconference

Krystal J. Brumfield

Call to Order

Chairperson Rachna Bhatt convened the meeting at 9:31 a.m.

CAP Communications Plan Update (Attachment A)

Chairperson Bhatt indicated that the Customer Assistance Program (CAP) Outreach Phase II Update presentation was specifically requested by a Board Member David Franco who could not attend today. Mr. Brown, CFO/EVP Finance & Procurement, indicated that there was a full agenda, and offered to answer any questions from committee members, rather than discussing the item in detail.

Mr. Brown introduced Mr. Marc Battle who joined DC Water as the new EVP, Legal Affairs and thanked Mr. Hope, Associate General Counsel for his support over the last several months. The Committee welcomed Mr. Battle.

Cost of Service Study Update Fees (Attachment B)

Mr. Brown mentioned that Reftalis has worked with DC Water for many years to produce the Cost of Service (COS) study. He stated that DC Water adopts two year rate proposals while the COS was done every three years. Mr. Brown noted that he decided this year to start aligning the COS with the multi-year rate proposals, therefore both will be done every two years going forward. He mentioned that DC Water and Reftalis are working on the COS and it will be presented along with the budget in January 2020. He introduced Mr. Jon Davis from Reftalis who presented the COS update. The presentation to the committee was to describe the COS and provide information about how they are formulated.

Mr. Davis began the presentation and noted that the COS consist of three components: i) revenue sufficiency analysis - to make sure that the revenues cover the costs that DC Water incurs ii) cost of service analysis/rate equity - to ensure that the rates are equitably recovering the cost of service provided to customers iii) alternative rate structure analysis - to ensure that DC Water meets its priority pricing objectives. Mr. Davis provided a detail explanation of each component of the study. He noted that the main cost driver is an increase in capital costs due to regulatory requirements and infrastructure rehabilitation. He mentioned that recently DC Water has added funding to its Capital Improvement Program (CIP) for the replacement of small diameter water and sewer mains, which is aging and requires replacement to avoid service failures. He stated that DC Water continues its efforts to lower operating and maintenance expenses to keep rates as low as possible for its customers.

Ms. Boardman inquired if the administration costs is allocated only to water and sewer, or is some of the administration costs allocated to the Combined Sewer Overflow – Long Term Control Plan (CSO-LTCP). Mr. Davis explained that the Clean Rivers Program takes most of the CSO costs and it has been treated as a capital recovery charge. Ms. Boardman asked if the metering and billing costs are completely recovered through metering fee. Mr. Brown explained that the metering fee is currently recovering less than 50% of those costs. Mr. Brown noted that it is one of the considerations in this COS and next year's budget.

Ms. Boardman inquired why it is necessary to break functional components into base usage and extra usage. Mr. Davis stated that the separation is necessary to assign a portion of base and extra usage costs resulting from each class peaking characteristics.

Mr. Brown mentioned that the study will be finalized and presented to the Committee with rate recommendations in January 2020 and publication of rates for public hearing in March 2020.

Ms. Boardman inquired if it is DC Water's expectation going forward to continue to maintain a two-year rate structure instead of an annual rate structure. Mr. Brown stated that a two-year rate structure is appropriate considering the level of internal staff and outside consultant efforts required to do it annually. He mentioned that having a two-year rate structure provides some certainty to DC Water's customers and it helps DC Water with budget and financial planning. Ms. Boardman asked if DC Water will consider a three-year rate structure considering the costs and benefits. Mr. Brown explained that DC Water will be proposing a two-year rate structure in January 2020.

Review of Rate Structure, FY 2021 Proposed Rates and CAP Programs Update (Attachment C)

Mr. Brown introduced Mr. Mike Borchers, of Arcadis to update the Committee on its review of DC Water's rate structure and Customer Assistance Programs (CAP). Mr. Borchers stated that the presentation covers benchmarking, a review of rates and the rate structure, and a review of the customer assistance programs. He noted that peer utilities for the benchmarking purpose were selected based on annual revenue, net operations and maintenance costs (O&M), bond ratings, consent decrees, impervious area charge, household income and other factors. He mentioned that eight utilities had been selected for the water and sewer benchmarking and one additional utility for the CAP benchmarking.

Chairperson Bhatt inquired how many of the selected utilities have an Impervious Area Charge. Mr. Borchers explained that some of them have the charge but most of the utilities use the wastewater charges to comply with the consent decrees or consent agreements in their area. He mentioned that DC Water's monthly first-tier water rate threshold of four Ccf is consistent with the benchmarked utilities. He noted that current DC Water customer classes are consistent with classes used by the benchmarked utilities. He mentioned that the Equivalent Residential Unit (ERU) used by DC Water as the basis for recovering Clean Rivers related costs is consistent with the method used by the benchmarked utilities. Mr. Borchers noted that DC Water's bill discount and temporary assistance programs are consistent with those used by the benchmarked utilities.

In its review of customer classes, Mr. Borchers noted that Arcadis did not find any specific customer class designated as “Institutional” but DC Water could consider it in its customer class segmentation study. However, he anticipated that their characteristics would be like other non-residential customers. Mr. Gibbs commented that DC Water may have to consider more customer classes to ensure accurate customer billing. Chairperson Bhatt added that she advocates to make our customer classes manageable instead of having too many classes that make our billing process more complicated.

Mr. Borchers noted that the last flyover to delineate parcels was conducted in 2014 and implemented in 2016. He stated that Arcadis recommends a re-assessment of the ERU basis of 1,000 sq. ft. given ongoing redevelopment in the District. He mentioned that DC Water’s cost of service study is generally consistent with industry practice. He stated that Arcadis recommends updating the Metering Fee to include a portion of fixed, administration, O&M and debt service coverage costs. He added that DC Water’s Clean Rivers Impervious Area Charge (CRIAC) charge to recover the Clean Rivers project capital costs is a common practice in the industry. He mentioned that the method DC Water uses to recover treatments costs is consistent with the industry best practice, and that Arcadis does not recommend recovering treatment costs in the CRIAC. He explained that DC Water’s current 7.1 percent of combined sewer overflow capital costs to suburban customers is appropriate.

Mr. Borchers stated that Arcadis recommends modifying the CAP program to provide greater discounts to customers with income in the lowest quintile. He mentioned that CAP3 is geared towards higher income customers and Arcadis recommended eliminating the CAP3 program and enhancing the CAP program for the lowest quintile. Chairperson Bhatt inquired about the analysis that Arcadis used to make this recommendation. Mr. Borchers explained that Arcadis provided these recommendations based on the industry common practice of affordability programs, which usually focuses on lower income customers. Chairperson Bhatt commented that DC Water should look at the CAP programs and make appropriate recommendations to the committee.

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

There was no discussion on the Committee workplan.

Agenda for January 28, 2020 Committee Meeting (Attachment E)

There was no discussion on the agenda for the January 28, 2020 Committee meeting.

Other Business

None

Executive Session

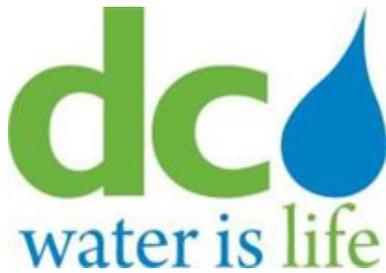
The Committee went into executive session at 10:47 a.m.

Adjournment

Chairperson Bhatt adjourned the meeting at 11:13 a.m.

FOLLOW-UP ITEMS – DC Retail Water and Sewer Rates Committee Meeting (November 19, 2019)

None



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

Finance and Budget Committee

Tuesday, November 19, 2019

11:00 a.m.

MEETING MINUTES

Board Members

Tommy Wells, Board Chair (Acting
Committee Chair)

Committee Members (via conference call)

Sarah Motsch, Fairfax County
Adriana Hochberg, Montgomery County

DC Water Staff

Matthew T. Brown, CFO & EVP, Finance
and Procurement
Marc Battle, EVP, Legal Affairs
Lola Oyeyemi, Director, Budget
Ivan Boykin, Director, Finance
Alfonzo Kilgore Stukes, Board Admin.
Specialist

Call to Order

Mr. Tommy Wells, Board Chairman called the meeting to order at 11:20 a.m.

October 2019 Financial Report

Mr. Matthew Brown, CFO & Executive Vice President, Finance & Procurement provided the monthly report by exception, noting that the wholesale customers made their first quarter payments in November. With the first month of the fiscal year completed, total operating revenues are at \$71.2 million, or 10.3 percent of budget, operating expenditures are at \$38.9 million, or 6.3 percent of budget, capital disbursements are at \$24.1 million or 5.7 percent of budget, and the cash balance is positive in regards to investments.

Overview of Operating Budget Drivers

Mr. Brown apprised the Committee that the pre-budget work began with reviews of the capital program with the Environmental Quality & Operations and Retail Rates Committees in October, and the cost of service study and the independent review of the DC Water rate structure with the Retail Rates Committee in November. He stated that the presentation this morning is in preparation for the upcoming budgets that will be discussed during the Budget Workshop on January 2, 2020, immediately following the Board meeting.

Ms. Lola Oyeyemi, Director, Budget, provided a high-level overview of the annual budget process, operating budget drivers and historical trends. Budgets are developed based on targets consistent with the financial plan ceilings. Extensive reviews and collaborations are conducted with the

departments and Executive Team to finalize the budget recommendations after which the retail rates and revenue analysis are developed. All these steps preclude the delivery of management's budget proposal to the various Board Committees for their reviews and recommendation and final adoption by the full Board.

Ms. Oyeyemi, highlighted the accomplishments of the FY 2020 Budget. It included taking costs of \$27.7 million out of the business, eliminating 63 vacancies within the Authority, bringing more equity to Clean Rivers project funding, increasing investments in capital infrastructure and ensuring all users pay their fair share by appropriately recovering costs from users through revised engineering fees. She further discussed major Operating Budget drivers which consists of three main areas: Core Operations and Maintenance (O&M), Debt Service, Cash Financed Capital Improvements (CFCI) and District payments. The historical trends show that core O&M costs are stable with an average growth of three to four percent, and debt service continues grow more quickly and represents 35 percent of the approved FY 2020 budget.

Next, Ms. Oyeyemi further discussed the O&M cost drivers based on fixed and variable costs. The fixed costs, at about 73 percent, are nondiscretionary in nature and mainly for unavoidable and uncontrollable services such as the union agreement for 67 percent of the Authority's workforce, chemicals, utilities and water purchases. The variable costs are approximately 37 percent of the operating costs, and are based on operational business needs, strategic priorities, and other discretionary items such as contracts, supplies and small equipment.

Board Chairman Tommy Wells inquired if the Debt Service costs will continue to grow, or will peak in regards to its percentage of total operating budget. Mr. Brown responded that the debt service cost is capped at 33 percent of total operating revenue in the current 10-year financial plan, as a new finance metric. Mr. Wells asked is it our intention to keep it at 33 percent. Mr. Brown explained, that with the addition of the \$1 billion to the capital program needed for water and sewer projects and additional investments at the Washington Aqueduct, the Authority plans to use Pay-Go to offset some future debt, and that management will propose a budget and ten-year financial plan which remains within this metric.

Mr. Wells asked if there has there been savings or increased costs by moving into the new headquarters building (HQO). Mr. Brown responded that the elimination of leased office space resulted in savings, the building is more energy efficient and there are anticipated to be additional benefits in the future as services are consolidated at Blue Plains. He also indicated that there are other benefits that are more difficult to quantify, such as making DC Water board and other meetings more accessible to the public by the location of the new headquarters. Ms. Oyeyemi stated that the move to the HQO building saved the Authority \$1.5 million.

Next, Ms. Oyeyemi reviewed each cost category of the O&M budget highlighting the reduced vacancy rate from 14 percent in FY 2015 to 9 percent at the end of FY 2019 and management's strategy to achieve lower single digit vacancy rate in the future. She reported that approximately 66 percent of contractual services are for infrastructure maintenance, legal and compliance requirements with the remaining for software maintenance, customer and community outreach efforts and other professional services. The water purchases cost category is DC Water's share, about 72-75 percent, of the Washington Aqueduct's budget. Ms. Oyeyemi explained that both chemicals and electricity costs represent a significant portion of the operating budget and are

highly impacted by market volatilities and usage in the Tunnel Dewatering Pump Station. She stated that there are incremental energy costs due to the Clean Energy DC Omnibus Amendment Act of 2018 which accelerates the use of energy from renewable sources, and that this would be included in future budgets.

Ms. Oyeyemi went on to review the historical budget performance and stated that DC Water has been conservative in building its budgets to achieve three to five percent under the O&M budget. In FY 2019, it was almost 98 percent, pending the completion of the yearend close and financial audit. DC Water works to anticipate risks and implement mitigation strategies including spending restrictions as necessary to ensure that DC Water remains within the overall appropriation level. She then went on to review the next steps for the budget proposals that will be presented to the Board in January and Board adoption anticipated in March 2020.

Capital Improvement Program Quarterly Update

Mr. Brown provided the Capital Improvement Program Quarterly Update by exception, noting that the report reflects the FY 2019 fourth quarter capital spending. Overall disbursements were within budget. Mr. Wells asked if the Authority is spending less, or doing less. Mr. Brown explained that it largely depends on how contracts move, and that capital spending is multi-year and the budget authority carries over to future years. He reported that the underspending in FY 2019 will be carried over into FY 2020 and reflected in the next ten-year capital program that will be reviewed with the Board in January.

Merchant Card Financial Analysis

Mr. Ivan Boykin, Director, Finance, gave a presentation to the Committee on Merchant Card Services. He informed the Committee that DC Water paid \$1.2 million in FY 2019 for credit card fees, in regards to Level 1, 2, and 3 authentications, payment aggregators, and Web credit card transactions.

Mr. Boykin explained that there are three credit card processing levels, with Level 1 being the most expensive way to accept a credit card payment requiring less information for customers, while Level 2 and 3 cost less, and require additional information from the customer. Mr. Boykin further explained that WEB credit card payment transactions have increased in cost and number since FY 2017, noting that one reason is due to the use of payment aggregators, which process payments for large and small businesses, and residential customers. WEB credit card payments accounted for 63 percent of DC Water's merchant card cost in FY 2019, fees totaling over \$784 thousand. In FY 2020, DC Water is projecting to spend \$1.6 million for merchant card fees.

Mr. Boykin apprised the Committee that DC Water is expected to pay \$3.37 per merchant card transaction in FY 2020. DC Water's average utility rate of \$1.40 was downgraded to the average non-utility rate of \$7.20 per transaction, for WEB credit card transactions based on five specific types of corporate cards used in October 2019, such as fuel cards, fleet cards, etc. In response to Mr. Wells question regarding further explanation on the utility rate, Mr. Boykin clarified that DC Water receives a utility rate, which is a lower rate.

Next, Mr. Boykin provided an update on the FY 2019 merchant card transactions for WEB, Interactive Voice Response (IVR), and Recurring Credit Card (RCC) breakdown by class, including Residential, Multi-Family, and Commercial customers, in response to a follow-up question from Mr. Franco. DC Water provided our total revenue based on Mr. Franco's request. Staff also wanted to look at our total credit card revenue, average credit card payment and credit card percentage of total revenue.

Mr. Boykin concluded the presentation with several options including the pros and cons of various options that are under consideration by DC Water. These options include: passing a \$1.00 credit card fee to customers, passing all credit card fees to customers, restricting credit card processing to Residential only, capping the credit card dollar value per transaction, capping the number of monthly transactions, incentivizing ACH payments, and restricting guest payments.

Mr. Wells asked if we passed all fees to customers, and would this be qualified as a rate change. Mr. Gregory Hope, Associate General Counsel, responded that this is a fee, would not be considered a rate change, and would not trigger a rate making process.

Mr. Brown stated that he would work to start restricting guest payments now, so that DC Water would then not be downgraded. There would be little impact on customers, only that customer data such as CCV number and zip code would be collected, and the system would pass this information through to help DC Water qualify for lower transaction costs. The modification would cost approximately \$20,000 to \$30,000 to capture the necessary data, and this would help DC Water qualify for better rates. Mr. Boykin concluded his presentation.

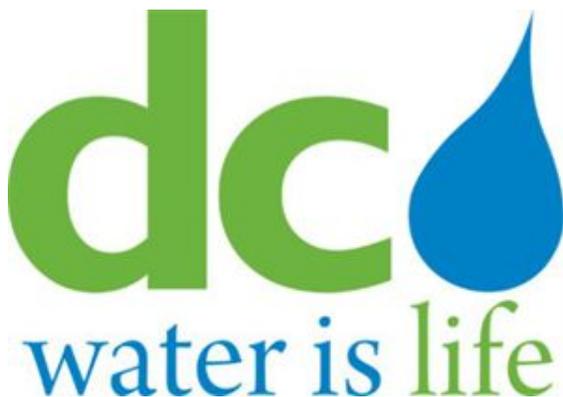
Mr. Brown apprised the Committee that the December 2019 Finance and Budget meeting has been cancelled, but the monthly report will still be prepared and provided via email. The next meeting will be in the beginning of January when we will present the proposed budget to the full Board in a workshop setting after the January Board meeting.

Adjournment

Hearing no further business, Board Chairman Tommy Wells adjourned the meeting at 12:00 p.m.

Follow-up Items

1. Provide credit card recommendations to reduce fees to the F&B committee in January 2020 **(Chairman Wells)**
2. Provide the per transaction charge for debit card **(Chairman Wells)**



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Meeting**

Thursday, November 21, 2019

9:30 a.m.

MEETING SUMMARY

Committee Members

Adam Ortiz, Chairperson
Howard Gibbs, Vice Chair
Randy Bartlett
Steven Shofar
Joseph Gill

DC Water Staff Present

David Gadis, CEO & President
Marc Battle, EVP, Legal Affairs
Gregory Hope, Associate General Counsel
Leonard Benson, Sr. VP & Chief Engineer
Linda Manley, Board Secretary

I. CALL TO ORDER

Mr. Ortiz called the meeting to order at 9:30 A.M.

II. 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.

III. WET WEATHER TREATMENT OPERATING PARAMETERS

In response to a previous action item and request by the Committee, Mr. Tesfaye provided a presentation on operating procedures used to manage flow during wet weather events; specifically, on procedures used to distribute flow to complete treatment and wet weather treatment trains. Mr. Tesfaye shared a series of schematics that show both treatment trains and how wastewater flow is conveyed, received, distributed, treated and discharged. He stated that all combined sewer flow stored in the CSO tunnels is emptied and processed in a manner that maximizes treatment of the stored flow through complete treatment at Blue Plains and optimizes conditions for maintaining availability of storage volume in the tunnel system. This is possible because:

- Discharge from the wet weather treatment outfall or Outfall 001 is prohibited unless flow through complete treatment is maximized (i.e., discharge from Outfall 001 occurs if there is flow in the tunnel and if complete treatment rates are maximized);
- Up to 100 MGD of flow treated through enhanced clarification can be directed to complete treatment to achieve maximum treatment rates through complete treatment; and
- Dewatering of the tunnel occurs within 59 hours after end of last rain event.

Mr. Tesfaye concluded his update by stating that the performance to date of the CSO tunnels showed that of the 6,683 MG of flow captured by the tunnels and treated through enhanced clarification, nearly 62% (4,116 MG) went through complete treatment and was discharged from the complete treatment outfall or Outfall 002.

IV. CIP QUARTERLY UPDATE

Mr. Paul Guttridge, Manager, Program Services, DC Water, presented to the Committee the fourth quarter report for fiscal year (FY) 2019 regarding DC Water's Capital Improvement Program (CIP).

Mr. Guttridge stated that in FY 2019, CIP disbursements of \$367,152,000 through the end of September 2019. This was 6% under the approved budgeted disbursement projection of \$391,670,000. The difference of \$24,517,000 will roll over to next year's CIP budget. The Committee inquired if the planned roll-over will affect next year's budget. Mr. Guttridge and Mr. Matthew Brown, CFO and EVP Finance & Procurement, DC Water, replied that there will be no effect because the roll-over is simply debt proceeds that have not been expensed yet and have already been integrated in the FY2020 planned budget.

Mr. Guttridge also highlighted baseline vs. actual disbursement figures of the various DC Water service areas and provided explanations where there were significant differences in the projections. One such source of a significant variance was from the DC Clean Rivers (DCCR) program area in that the program's actual disbursement for FY19 exceeded the planned disbursement by 14%, mainly due to:

- Construction progress on the Northeast Boundary Tunnel (NEBT) was better than the forecast prepared by DCCR using historical data from previous tunnel construction projects
- Payment of a settlement amount to the contractor of Poplar Point Pump Station

In conclusion, Mr. Guttridge stated of the seventeen (17) Schedule Key Performance Indicators (KPIs) due in FY2019, eleven (11) have been completed within the 90-day threshold and six (6) KPIs have or are expected to be completed outside the threshold.

V. OVERVIEW OF FY2019 TO FY2028 PROPOSED CIP – FURTHER DISCUSSION

Mr. Craig Fricke, Director, Engineering and Technical Services, DC Water, gave a follow-up briefing to the Committee on cost of water and sewer failures and impacts of replacement/rehabilitation rates on System Age. Mr. Fricke stated that data gathered from 2001 to 2018 showed that there was a noticeable upward trend in the number of water distribution system main breaks. The 'nominal' water main break benchmark, as set by the American Water Works Association (AWWA) is 15 breaks per 100 miles, annually. DC Water's water main break

data shows a 30 to 35 breaks per 100 miles, annually.

Next, Mr. Fricke shared a graph showing 18-year historical spending patterns for both water and sewer infrastructure repair and replacement contracts. He also shared a schematic that demonstrated different small diameter water main (< 12 inches in diameter) and local sewer (<60 inches in diameter) rate of rehabilitation options and “the impact” they would have on the 10-year CIP as compared to the time needed to achieve the sweet spot.

The Committee inquired as to how DC Water’s infrastructure compare with other similar utilities. Mr. Fricke stated that while challenges to public utilities are mostly similar, the relatively older age of DC Water’s infrastructure makes for a significant challenge that is comparable to other older cities in the United States.

VI. RELOCATION COST FOR FLEET FACILITIES AND SEWER SERVICE FACILITIES FROM 125 O STREET

Mr. Biju George, EVP Operations & Engineering, DC Water and Mr. Len Benson, Sr. VP, CIP Project Delivery, DC Water gave an update to the Committee regarding DC Water’s ongoing efforts to relocate the Fleet and Sewer Service Facilities from 125 O St, SE. Mr. George started by recognizing Ms. Maureen Holman, EVP Administration, DC Water, and Mr. Constance Schwartz, DC Water Contractor, for their efforts and involvement in the negotiation process with the District of Columbia.

Next, Mr. George highlighted some of the existing issues with the current facilities, both of which are located at 125 O St, as follows:

- Fleet Maintenance Facility – current issues:
 - Design of building limits access for vehicle bays, necessitating use of center space to fit in vehicle repairs
 - Available electricity is at capacity, therefore DC Water is unable to add equipment or upgrade operations without extensive rework
 - Difficulty meeting EPA regulations due to limited site space
 - Limited yard storage
 - Poor air conditioning
- Sewer Service Facility – current issues:
 - Insufficient space for secure vehicle parking, congested parking and limited ability to maneuver trucks
 - Insufficient, heated spaces to house vacuum trucks

Mr. Benson shared renderings of the new facilities to the Committee and summarized the construction cost and funding sources for both facilities as follows:

Fleet Maintenance Facility (including lifts):

- Total Construction Cost: \$19,226,785
- Funding from District: \$13,000,000
- Difference: \$6,226,785

Sewer Services Facility:

- Total Construction Cost: \$12,916,000
- Funding from District: \$10,500,000

- Difference: \$2,416,000

The Committee inquired if there would be impacts to the responsiveness of service trucks due to the relocation. Mr. Benson replied that it is difficult to assess the impact because the response times of the service trucks would be dependent on traffic conditions in the city along routes on any given time of day, regardless of the origin of the trucks. Mr. Gadis, President & CEO, DC Water, also added that DC Water is looking to stage some service vehicles at different satellite locations within the District to have the capability of reacting to adverse traffic conditions in one part of the city. The Committee also inquired if the water and sewer service crews were separate groups and whether DC Water had given thought in combining the two groups together. Mr. George replied that there are both water and sewer service crews but that in emergency situations or as per the Authority's needs, DC Water utilizes crews from both service areas to respond to emergencies.

VII. ACTION ITEMS

JOINT USE

1. Contract No.: 18-PR-DWT-38 – Biosolids Management, Nutri-Blend
2. Contract No.: 18-PR-DFS-29 – Janitorial Cleaning Service, Clean Team Janitorial Service
3. Contract No.: 19-PR-DWS-29 – Utility Locating and Marking Services, Dynamic Concepts
4. Contract No.: 19-PR-DET-28 – Heavy Duty Fleet Vehicle Lifts, Alan Tye & Associates
5. Contract No.: 190070 – DC Water Fleet Maintenance Building, Hess Construction & Engineering Services, Inc.,
6. Contract No.: 190080 – DC Water Sewer Service Building, Hess Construction & Engineering Services, Inc.,
7. Contract No.: 180070 – Floodwall Segment C Project, Corman Kokosing Construction
8. Contract No.: DCFA 450 – Tunnel Dewatering Pump Station & Enhanced Clarification Facility, Arcadis, District of Columbia, PC

The Committee inquired if the contractor will have the necessary capabilities to execute construction of both the Sewer Services Facilities and the Fleet Maintenance Facility simultaneously. Mr. Benson replied that there have been multiple discussions with the contractor, and they have assured DC Water of their capability to meet the needs of both projects. The Committee further inquired regarding the inability of the contractor to meet the MBE/WBE participation goals on both contracts. Mr. Benson replied that DC Water's Compliance department has ascertained that the contractor demonstrated due diligence efforts to meet the MBE/WBE participation goals and had demonstrated they carried out the 6-step, EPA mandated, Good Faith Efforts to encourage participation. The Committee suggested DC Water conduct a presentation regarding existing bid evaluation process for Contractor compliance with MBE/WBE participation goals and historical performance meeting the goals

The Committee recommended the joint use action items to the full Board for approval.

NON-JOINT USE

1. Contract No.: 160140 – Small Diameter Water Main Replacements 13B, Anchor Construction Corporation

The Committee recommended the non-joint use action item to the full Board for approval,.

VIII. OTHER BUSINESS/EMERGING ISSUES

None.

IX. EXECUTIVE SESSION

The Committee went into Executive Session at 10:45 a.m. and reconvened into open session at 11:15 a.m.

X. ADJOURNMENT

The meeting was adjourned at 11:15 a.m.

Follow-up Items

1. Sr. VP, CIP Project Delivery: Provide an update regarding existing bid evaluation process, including Contractor compliance with MBE/WBE participation goals and historical performance meeting the goals.



CEO'S REPORT

David L. Gadis
December 2019

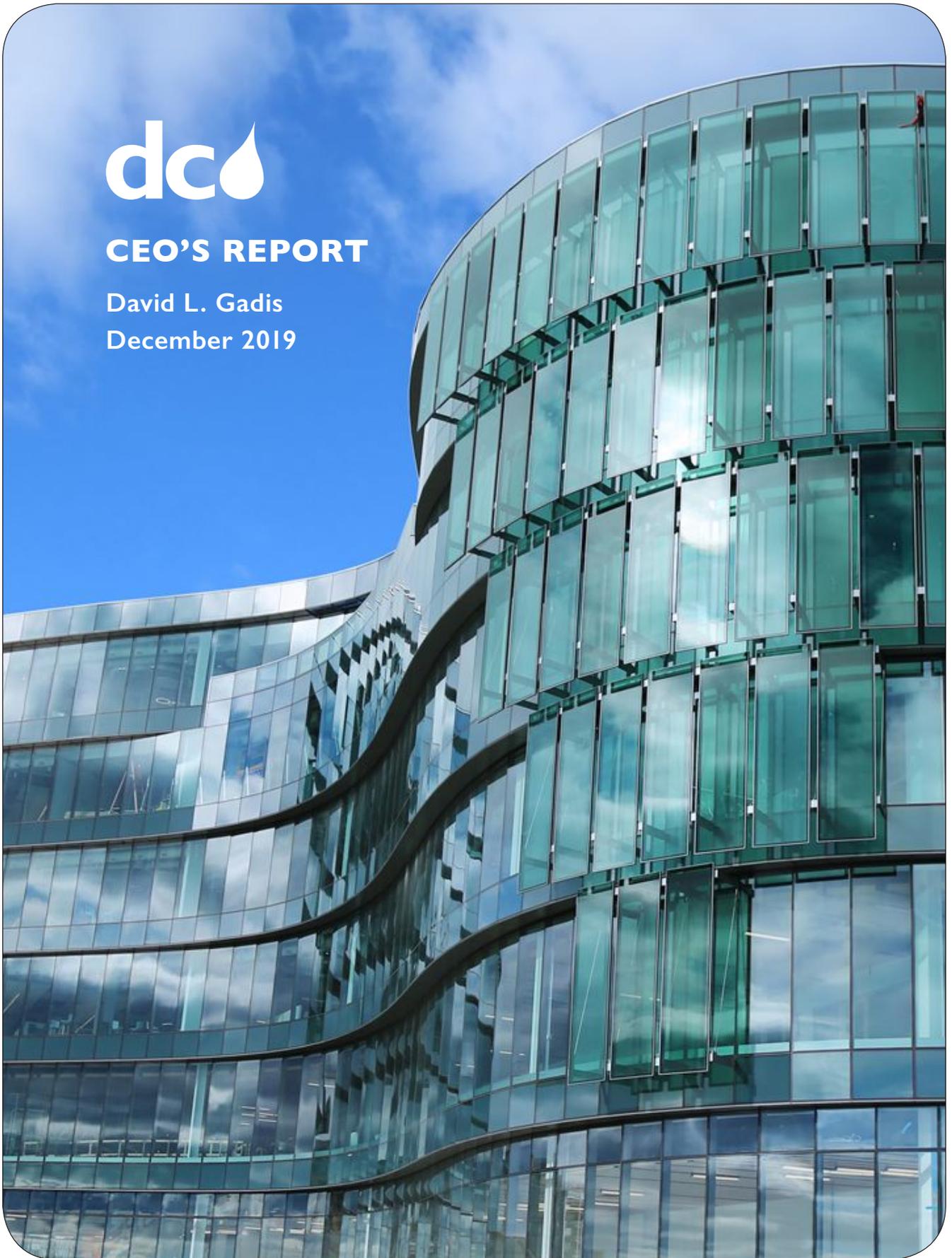


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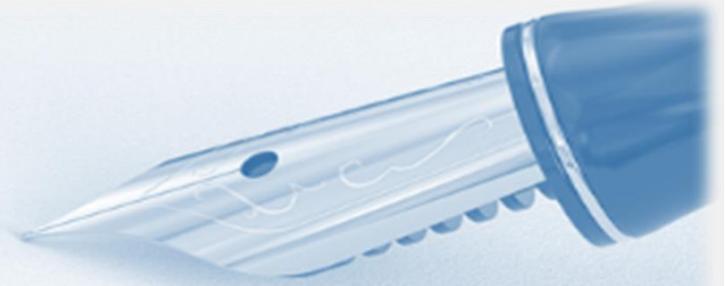
Color Key

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



December 2019

Department of Operations and Engineering

Water Operations and Water Quality & Technology

Accomplishment(s)

- The Food Service Establishments/Fats, Oils and Grease (FSE/FOG) and Backflow Prevention Assemblies (BPA) fees-DC Water billed a total of \$124,333; \$43,129 for FSE/FOG and \$81,204 for BPA. The year to date billed was \$245,306.
- Water Operations helped kick off the new Lead Service Replacement Law by mailing notifications to approximately 11,380 homes that are positioned to take advantage of the District's funds associated with Program One.

Operational Performance

- The Department responded to 89% of the emergency investigative calls within the 45-minute response time in October 2019. The measured target is 90% per month.
- There were 27.49 (31) Water main breaks per 100 miles of pipe for the month of October. The accepted national average is 25 breaks per 100 miles.
- The Department replaced 27 hydrants in October with a monthly target of 21 per month.

Progress Report

DMB

- Distribution Maintenance Branch (DMB) continued the construction activities associated with the Operational Small Diameter Water Main Replacement projects directed at replacing water mains where neighborhoods have experienced water quality concerns. The team has COMPLETED the project at the water main replacements at the Unit Block of Franklin Street, NE.

WQ&T

- **Total Coliform Rule** – DC Water collected 254 samples in October 2019 for compliance with the Total Coliform Rule (TCR). DC Water met the TCR standards for September with three of the samples testing positive (1.2 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 188 sample kits to customers between July and October 2019. Among the distributed kits, we received and submitted samples from 101 homes to the laboratory for analysis. Laboratory tests results are available for 87 homes and the 90 percentiles for lead were 2 ppb (1st draw) and 6 ppb (2nd draw).
- **Cross-Connection Control Surveys**- Completed 24 site inspections for compliance with Cross-Connection Control regulations.
- **Cross-Connection Control Compliance**-591 Backflow Prevention Assembly Annual Inspections by DC Water approved inspectors were received through the DC Water Third-Party Portal in October. Approximately 64% of all backflow preventers tracked were compliant (and passed inspection) as of October 31st.

On October 1st, the Department began issuing fire hydrant use and metering equipment permits. Implementation of fire hydrant regulation, enforcement and fees was consolidated under the Water Quality Compliance Program with a total of \$25,077 collected from fire hydrant users in October

LAMB

- **LAMB**-Water planned and executed GPS coordinate collection for water meters, curb-cocks, and cleanouts in 4th High Alaska Pressure Zone. This effort supports mapping/creation of service lines and lateral assets in Enterprise GIS database as well as Maximo. Trimble GPS and Unity form was created to assist field crews during data collection of approximately 900 premises. The Department will expand to the remaining pressure zones in a few years.
- **LAMB**-Water planned and coordinated 200 large and small valve exercises in 4th High Reno Pressure Zone. The valves were selected based on age, proximity, and size with 90% of field execution completed. The Maximo database was also updated to reflect the condition and assessment of the valves.

LSR

- LSR Voluntary Program supported the replacement of 28 lead service lines in the month of October.



Sewer Operations

Accomplishment(s)

- On October 25, 2019, staff worked with DCW's Department of Security, the FBI and the Secret Service to stage special vehicle and equipment from the various groups in the Welding Shop to accommodate security operations during the World Series games at the ballpark.

Operational Performance - Completed Projects and Blue Print Initiatives

- Strategic Program #4: Driving Performance (NPDES Regulatory requirement)
 - Cleaned 3496 catch basins in the Combined Service Area this month; 9289(87%) for the calendar year.
 - Cleaned 506 catch basins in the MS4 Service Area this month; 12,167 (83%) for the calendar year.
 - Removed 10 tons of floatable debris from the Anacostia River this month. Calendar year to date 340 tons.

Progress Report

- Staff with Engineering Services submitted structural plans to provide more adequate support for the dry-stack stone wall (in picture) that is above the rebuilt partially collapsed bulkhead arch over our 9-foot storm sewer in Foundry Branch at Reservoir Road, NW. National Parks Service is reviewing those plans for approval.
- Still awaiting schedule for set-up application with specialty vendor regarding permanent sewer repair at Foundry Branch (Bulkhead/Leak Repair) location on the Potomac Interceptor.
- Staff worked with the Clean Rivers Operation to repair a six-inch core that was accidentally drilled through the 72-inch Potomac Force in West Potomac Park.



- Work started to rebuild the crumbling concrete encasement around the 10-inch sanitary sewer crossing the creek at 3350 Erie Street, SE (see pictures)

- The Asset Management group is continuing review of several FOG Hotspot locations with DETS Planning group to determine possible permanent remedial solutions.
- The Asset Management group began locating structures connected to the abandoned Anacostia Force Main Gravity Sewer (AFMGS). This process will include collecting high accuracy GPS locations and evaluating the condition and accessibility of each structure.
- The Asset Management group held another training session with the CCTV crews on the GIS module within Pipelogix. All sewer asset data has been transferred to the CCTV trucks. CCTV crews can now use mapping functions to automatically populate inspection header sheets.
- On October 10, 2019, a sinkhole was discovered on the 60" x 54" Anacostia Main Interceptor at 16th Street and Fairlawn St., SE. Investigations discovered that a portion of pipe on the crown was defective. We are working with DETS Structural group on the appropriate repair for the pipe.

News and Events

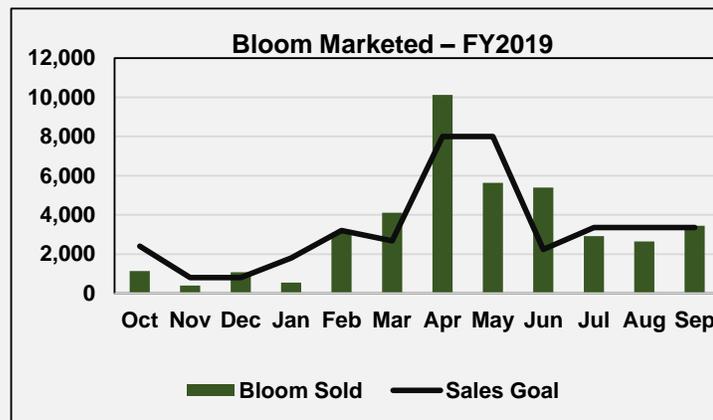
- On October 25, 2019, because of the World Series game, Sewer Operations relocated to Lot #8, RFK Stadium and used that location to assemble and dispatch crews for emergency sewer responses and sewer repair work.

Wastewater Operations

Operational Performance

- Blue Plains Complete Treatment Performance: Average plant performance for the month of September 2019 was excellent with all effluent parameters well below the seven-day and monthly NPDES permit requirements. The monthly average flow through complete treatment and discharge to outfall 002, was 256 MGD. There was no treated captured combined flow directed to Outfall 001 during this period.
- Wet Weather Treatment Facility (WWTF) Performance: During the month of September, a total of 19 million gallons (MG) of wet weather flow, captured in the tunnel system, was pumped, directly to the Complete Treatment Plant. There was no discharge of treated captured combined flow to Outfall 001. The treated flow was directed to the main plant to maximize complete treatment. Since the commissioning of the first section of the Anacostia River Tunnel Systems and the WWTF on March 20, 2018 and including the wet weather events that occurred in September 2019, the total volume pumped and treated through the WWTF is 6,334 MG. During the same period, 2,768 wet tons of screenings and grit (trash, debris, sediment) were removed, that would otherwise have been discharged into the Anacostia River.

- Class A Bio Solids Quality: All bio solids produced during the month of September 2019 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: During the 2019 fiscal year, the total tons of Bloom marketed was 40,658 and exceeded the 40,000 tons goal. The goal for the current fiscal year is 60,000 tons or approximately 40 percent of anticipated total Class A biosolids production.



Progress Report

- Mobile Computing Supporting Maintenance Work Execution and Work Order Creation: The third-party Maximo bolt-on program and mobile application, iWM Mobile Informer, has been implemented in 7 out of 11 shops in the Department of Maintenance (DMS) and in the Department of Operations for the foreman and general foreman. The remaining DMS shops and operators are scheduled for training and implementation in early 2020. This mobile app operates in both connected and disconnected modes and will allow personnel to create work orders in the field for defects found including taking pictures of the problem and annotating the problem area. The program will also allow tradesmen and operations personnel to download corrective and preventive maintenance work orders to the device that includes all work order information such as the work plan, attached documents, required materials and labor estimates and will allow the person to process the work order in the field including capturing Work Logs, time expended, status updates and creating follow-up work orders as applicable.



Engineering and Technical Services

Accomplishment(s)

- The Blue Plains Service Area Billing Meter Contract was signed by the CEO.
- Closed out the following seven contracts:
 - Contract 13-0260, Eastside Interceptor Rehabilitation
 - Contract 13-0060, Potomac Pumping Station Rehabilitation, Phase 3
 - Contract 12-0160, Fourth High West Pressure Reducing Valve Installation
 - Contract 13-0040, Water Main Infrastructure Repair and Replacement
 - Contract 15-0020, Division U Northeast Boundary Tunnel Utility Relocations
 - Contract 14-0160, G100, Local Sewer Rehabilitation 1
 - Contract 12-0010, Enhanced Nitrogen Removal – North
- Closed out record drawings and GIS update for two CIP projects.
- Completed an update for the Vol 3 PDM for Linear Infrastructure.
- Completed design and final deliverables on A432 Inflatable Dams Interim Upgrade.

Operational Performance

- Mitigation measures (new valves and PRVs at Overlook Avenue) were implemented to counter risk of the South Capitol Street Bridge construction breaking critical water mains.
- Provided emergency engineering support to the sinkhole at 1600 Fairlawn Ave SE.

Progress Report

- Secondary water source study Concept Screening Report finalized.
- Water distribution system contaminant warning study is on-going through involvement of stakeholders.
- Continued collaboration with DDOT projects, review of DDOT design submittals.
- On-going support to DC Water projects in securing new permits and renewal of expiring permits.
- 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 Creekbed Rehabilitation at Dumbarton Oaks
 - IM04 Creekbed Rehabilitation at Fort Dupont
 - HX02 Small Diameter Water Main Renewal 16B
 - HX03 Small Diameter Water Main Renewal 16C
 - G204 Rehab Gate Structure 5A, 5B, 5C, & Poplar Point PS Junction

Progress Report(Cont.)

- The selection committee for the Rehabilitation of the PI between MH31 and MH30 (LZ07) progressive design build project conducted interviews with shortlisted firms and recommended a preferred team for award.
- Rehabilitation of the Potomac Interceptor at Fairfax and Loudoun Counties Phase 4 (LZ06) was transitioned from planning phase to design phase.
- Started business case evaluation for 3rd St and Constitution Ave NW Pumping Station to determine the need for its upgrade.
- Six thousand files (approx. 800 boxes) were sent from the Technical Information Center to be scanned with current production at 110 boxes per week.
- Currently processing approximately 30 brown folders for Supplemental Agreements, Task Orders, Purchase Orders, Purchase Order Modifications and Time Extensions.
- Bids were opened in September for the following three contracts and are in the process of being executed using the new electronic Contract Award Brown Folder Process;
 - Contract 16-0140, Small Diameter Water Main Replacement 13B
 - Contract 18-0070, Blue Plains Floodwall Segment C
 - Contract 19-0080, Sewer Services Facility
- Began coordination efforts with new IT GIS personnel for major ESRI upgrade.
- Began coordination with Permit Operations to create permit maps for NPS.
- Submitted Small Diameter Watermain (SDWM) 14C for Prefinal review.
- Completed field survey for SDWM 15D - South Carolina Ave.
- AsBuilt Contract: Kicked off meeting was held. Staff have started processing locations for Record Drawings. Created over 100 GIS base maps to serve as background for Record Drawings. Created database, reporting mechanism, and dynamic dashboard to track and report progress on AsBuilt processing.
- Prepared 9 new specifications for inclusion into the next revision of the standard specifications.
- Creating 22 fillable documents that will allow Contractors to complete bid documents using the computer instead of pens or typewriter.

Wastewater Engineering

Accomplishment(s)

- A DC Water Presentation titled “DC Water at Work: Mitigating Century Old Infrastructures from Historic Storms” was accepted for the 2020 ASCE Pipeline conference, authored by DC Water staff.

Operational Performance

- The Tunnel Dewatering Pump Station and Enhanced Clarification Facility (TDPS/ECF) project is ongoing and has successfully pumped over 6.3 billion gallons of combined sewage flow since the Anacostia Tunnel System was commissioned on March 20, 2018. Since that time, the contractor, PC/CDM JV, has continued to work on the project, including providing modifications required for reliable operations and maintenance of the facility. These modifications are nearly complete and the DWE Construction Management team is closely engaged to provide oversight and input on outstanding items that must be completed. The work is close to acceptance and we are engaged in coordination for the upcoming turnover of operations to DC Water.

Progress Report

- Selection committee recommended Corman Kokosing Construction Company to enter into a Design-Build Contract with DC Water to construct a 660-foot portion of the floodwall to protect Blue Plains from a 500-year frequency flood event.
- Completed intermediate design of the Central Operations Facility Switchgear Upgrade project.
- Completed pre-final design for the Solar Project at Blue Plains.
- Selected Xylem as the highest ranked manufacturer for Reclaimed Final Effluent Pump Systems equipment.
- Held risk workshop for initial design phase of Blue Plains Influent Structure Rehabilitation Project.
- At the 460 MGD Potomac Pump Station, work is nearing completion on a new seal water pumping and piping system. During this period all five of the sewage pumps were tied in to the new seal water system. Training on the equipment is forthcoming.
- At the 14th St. Bridge Stormwater Pumping Station, upgrades are nearing completion. This period, pump testing commenced, and instrumentation loop checks were successfully completed.

- At the Blue Plains AWWTP, headworks facility, Influent screens 2W and 6E were successfully removed and shipped off to be rebuilt by Andritz. This work is a part of the East and West Screening Facility upgrades to replace the thirteen (4 on the West & 9 on the East) existing screens (slotted plastic media) with perforated metal plate media. These upgrades will enhance the headworks screening operations and renew the expected life of these assets at Blue Plains.
- **Completed** on 11/13/2019, 3350 Erie St SE - Sewer Main Aerial Crossing Structural Retrofit by IR&R Contractor, designed and managed by DC Water Engineering: field inspection, SOW development and design concept, proposal review and approval, CM/QA support. This is an in-house design following in-house emergency response, construction carried out by IR&R contractor.

Before (December 2018)



After (November 13, 2019)



News and Events

- Hosted Archbishop Carroll High School Students for an engineering workshop facilitated by Engineering Tomorrow on October 30, 2019. DC Water employees Mark Landry, Frank Baylor, Quinton Wilkinson, and alumni of the school, stopped by to inspire the students for the future.

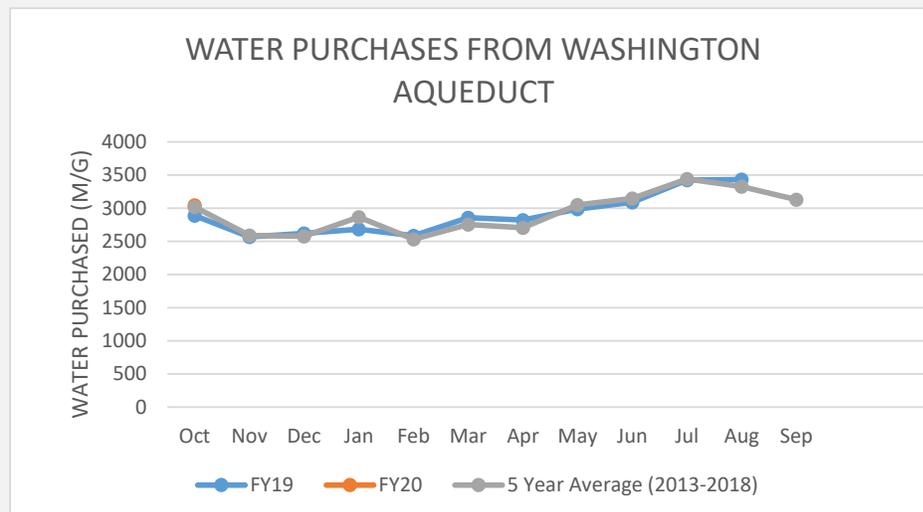
Department of Pumping Operations

Accomplishment(s)

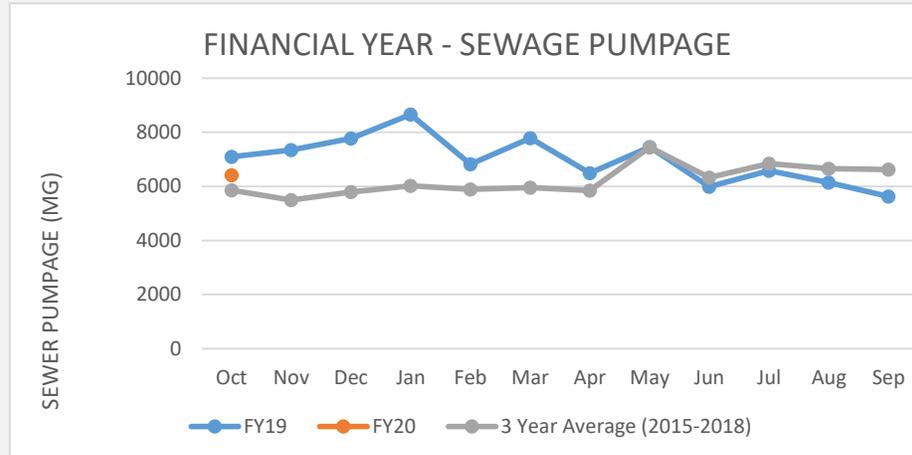
- Operations team has begun training operators at Potomac PS on operation of the Water Distribution System. All shifts are being trained
- Potomac Interceptor team started working on Divers to do repairs and spray to remove biofilm in the high-risk areas of the PI
- Potomac Interceptor team is working on installing P-traps to increase the efficiency of the mist eliminators at all facilities
- COTR training was completed by the PI Manager, Operations Manager Program Manager-Contract Management and PI Program Manager
- The Electrical and Mechanical shops had 21 employees complete the Bearing Inspection training
- Operations successfully transferred power to the transformers at Main PS for flood mitigation
- Operations completed the 'Walk In My Shoes' program with engineer from Wastewater Processing Group

Operational Performance

- The water purchases for the month of October 2019 was 3045.70 MG which is up 1% 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 increase in rain events we've had over the past several months. This month we pumped 6416.99 MG of sewage.



- The Potomac Interceptor (PI) team has had zero odor complaints from residents at six odor control sites as well as all pump station odor control facilities.
- WATS model development and initial calibration completed and future expansion to UPI/UPIRS
- Maintenance's work order backlog total is 175. See below:

Age	Count	%
< 30 Days	72	41%
30 - 60 Days	37	21%
60 - 90 Days	28	16%
> 90 Days	38	22%
Total	175	

Progress Report

- Director's Office, Operations team and PI team completed COTR training
- Flow meter quote and media replacement quote are in the process of being reviewed
- Odor Survey and frequent odor samples are being taken from all the odor control facilities to measure the saturation of the media
- Permitting is also getting started for the FPR work to prevent SSO at MH 10 on the PI

News and Events

- Potomac Interceptor team has PI Emergency drill scheduled for November

Permits

Accomplishment(s)

- Presented to the Retail Rates Committee and to the Board a resolution updating and clarifying the Permit Review Fees. Successfully approved for publication at the November 7, board meeting.

Operational Performance

- Permit Operations processed 229 permit application tasks, 206 were completed on-time for a monthly KPI average of 90% (See table below)
- Approximately \$15,000.00 Affordable Housing SAF credits were recognized/provided.
- Permit Ops. collected approximately \$75,600 in plan review fees
- Permit Ops. collected approximately \$1,021,976.30 in new SAF Fees
- Permit Operations collected approximately
 - \$32,400 in Flat and Reimbursable Water Services Inspection fees
 - \$23,580 in Flat and Reimbursable Sewer Services inspection fees
 - \$133,295 in Flat and Reimbursable Construction Inspection fees

Completed Applications Summary						
Application Type: ALL						
From: 09/15/2019 To: 10/15/2019						
Month	Application Code	Application Type	# Processed	# Processed Within Time	% Processed Within Time	Avg Time to Completed (days)
September 2019						
	APR	Approved Plan Revision Request	4	4	100%	9
	HOME	Single Family Home Permit App	38	31	82%	11
	PPRL	Preliminary Plan Review - Large	16	14	88%	20
	PPRS	Preliminary Plan Review - Small	19	17	89%	13
	RAZE	Raze Permit	8	7	88%	8
	SHEET	Sheeting and Shoring Permit	2	2	100%	24
	WSAC	Water & Sewer Aerial Cert	37	34	92%	15
	WSAL	Water and Sewer Aerial Letter	1	1	100%	29
		Totals:	125	110	88%	
October 2019						
	APR	Approved Plan Revision Request	2	2	100%	20
	HOME	Single Family Home Permit App	23	23	100%	8
	PPRL	Preliminary Plan Review - Large	13	13	100%	25
	PPRS	Preliminary Plan Review - Small	30	26	87%	14
	RAZE	Raze Permit	6	6	100%	6
	SHEET	Sheeting and Shoring Permit	8	6	75%	84
	WSAC	Water & Sewer Aerial Cert	22	20	91%	23
		Totals:	104	96	92%	

November 07, 2019 05:28 PM Report #

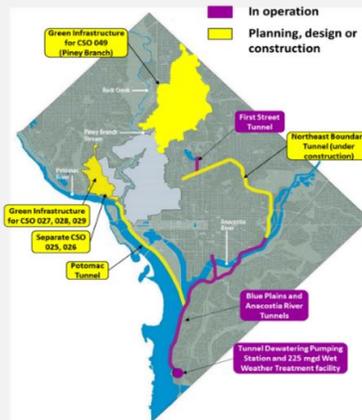
Progress Report

- Permit Operations continues to take the lead an effort to optimize the cash flow and accounting side of the inspections fee process as well as look at on-line payments and an updated online permit review processes.
- Permit Ops and AECOM held stakeholder meetings with permits and with Budget and Finance and reviewed processes surrounding the payment and accounting process.
- Permit Operations and IT are continuing to review/develop the 3PP on-line permit review and submittal program.

Department of Clean Rivers

Accomplishment(s)

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



Operational Performance - Completed Projects

- **Performance of Anacostia River Tunnel System**
 Captured approximately 6.8 billion gallons of combined sewer overflows and over 2,700 tons of trash, debris, and other solids (March 20, 2018—November 13, 2019) that would otherwise have overflowed to the Anacostia River.

Progress Report

- **Drain the Rain (Downspout - Disconnection) 2019 Phase**
 - Developed process, outreach materials, training plan, and updated mobile application for survey and inspection phase of Downspout Disconnection Program to launch November 16, 2019.

- **Northeast Boundary Tunnel Project (NEBT) – Design**
 - Construction Impact Assessment Reports were completed for TIER 1A UTILITY ID 010120A.
 - Review Risk Register Submittal.
Review Design Change 4th Street Adit Ground

- **Drain the Rain (Downspout - Disconnection) 2019 Phase**
 - Developed process, outreach materials, training plan, and updated mobile application for survey and inspection phase of Downspout Disconnection Program to launch November 16, 2019.

Northeast Boundary Tunnel Project (NEBT) – Design

- Construction Impact Assessment Reports were completed for TIER 1A UTILITY ID 010120A.
- Review Risk Register Submittal.
- Review Design Change 4th Street Adit Ground Freezing Design.
- Review Design Change 4th Street Maintenance of Traffic.
- Review Design Change Rhode Island Avenue Safe Haven Improvement Plan.

Northeast Boundary Tunnel Project (NEBT) – Design (Cont.)

- Review Package 13-1 Protection Utility ID 02003& 020005A
- Construction Impact Assessment Reports were completed for Response Level Plan for NEBT.
- Construction Impact Assessment Reports were completed for NEBT Tier 1B & 2X Station 258+50 to Station 276+80.
- Construction Impact Assessment Reports were completed for NEBT Tier 1B & 2X Station 218+0 to Station 258+50.
- **Northeast Boundary Tunnel Project – Construction**
 - Tunneling
 - **TBM Chris mined 11,328 feet as of November 13, 2019.**
 - Mount Olivet Road Construction Site
 - **Completed 102 feet of shaft excavation work.**
 - W Street Construction Site
 - **Completed 100 feet of shaft excavation work.**
 - **Completed 18 retaining wall sections.**
 - Rhode Island Avenue Site
 - **Jet grout work for shaft bottom plug finished.**
 - **Utility relocation for adit jet grouting ongoing.**
 - 4th Street Construction Site
 - **Completed shaft excavation work.**
 - **Jet grout work for Near Surface Structure finished.**
 - **Freeze pipe installation for adit ground improvement is ongoing.**
 - First Street Construction Site

- **Utility relocations for jet grouting are ongoing**
 - Florida Avenue Construction Site
 - **Completed secant piles for shaft support of excavation (SOE).**
 - **Jet grouting for shaft invert plug is ongoing.**
 - R Street Construction Site
 - **Utility relocation is ongoing.**
- **CSO 025/026 Sewer Separation Project**
 - November 26 – 90% RFP Submittal (comments due December 20); December 4-5 – DC Water Briefing Presentations (to be confirmed); Week of December 9-13 – DDOT Briefing Presentation (to be confirmed).
 - Contract Drawings, Traffic analysis report, GDR, EDR, GBR, EBR, and specifications have been reviewed by DC Water and PCO and have been finalized for 90% Submittal agency submittal.
 - Follow-up meeting with ANC Commissioner Palmer is scheduled for Thursday 11/14 to discuss approach for bike detour adjacent to Str 44 construction site.
 - Meeting with Councilmember representatives scheduled for Thursday 11/14 to brief them on project status
 - Additional utility potholing investigation is underway.
 - Project procurement approach has been confirmed by DC Water Procurement. Contractor engagement outreach approach is ongoing.
- **Potomac River Tunnel**
 - Coordinating review of draft Finding of No Significant Impact (FONSI) with National Park Service (NPS) to conclude the National Environmental Policy Act (NEPA) compliance process.
 - Negotiating terms of draft Programmatic Agreement with NPS and DC SHPO to resolve impacts from the project in accordance with the National Historic Preservation Act Section 106 compliance process.
 - Conducting geotechnical borings to investigate subsurface conditions along the tunnel alignment.
- **Potomac River Project A**
 - Final project close-out is ongoing and expected to be completed by end of year.
- **National Green Infrastructure Certification Program (NGICP)**
 - NGICP Training by University of the District of Columbia resulted in eight out of 13 candidates passing the exam this quarter.
- **Environmental Impact Bond Reporting**
 - Monthly reporting is ongoing. September's report was sent to investors on November 6, 2019.
- **Public Outreach Activities**
 - **Potomac River Green Infrastructure Project 1**
 - Maintenance mailer sent to residents adjacent to GI facilities.

- **Rock Creek Green Infrastructure Project 1**
 - Maintenance mailer sent to residents adjacent to GI facilities.

- **CSO 025/026 Sewer Separation**
 - Provided updates to Ward 2 Council, ANC 2E, Georgetown Business Improvement District (BID), businesses and residents about investigations.
 - Scheduled meeting with ANC 2E Chair and Vice Chair and Georgetown BID on October 23, 2019 to present investigation results and proposed design.
 - Requested meeting with Ward 2 Councilmember's Office.
 - Requested to be placed on December 2, 2019 ANC 2E Community Meeting.

- **NEBT Business Impact Mitigation Plan**
 - North Capitol Main Street (NCMS) is coordinating with the NEBT CM team to mount the panels as scrim on the Florida Ave NW Construction Site fences. NCMS continues to work with the artist sub consultant who has worked with local art students from Howard University to develop 30 art pieces on wood panels on the theme, "Water."
 - North Capitol Main Street and Rhode Island Avenue NE Main Street have signed a 12-month Business Impact Mitigation Plan Memorandum of Agreement extension document. Awaiting signature by DCCR Director to fully execute.
 - Outreach team members attended the annual meeting event and fundraiser for Rhode Island Avenue NE Main Street on October 18, 2019.
 - All Main Street directors continue to advocate on behalf of DC Water and the NEBT project with the impacted businesses under their purview.

- **NEBT Outreach**
 - Prepared for the T Street Block Meeting, scheduled for November 14, 2019, 6:30 pm, at Mt. Bethel Baptist Church, 75 Rhode Island Avenue NW.
 - Participated in Main Street Coordination Meeting, November, 6, 2019.
 - Continued to respond to residents' emails concerning construction impacts and schedule.
 - Distributed 4th Street Construction Site area newsletter.
 - Distributed Florida Avenue Newsletter update of traffic calming measures to be installed November 7—8, 2019.
 - Distributed T Street Newsletter update of rescheduled potholing work.
 - Preparing the NEBT Tunnel Forum Reports for October 3 and October 10, 2019.
 - Conducted First Street PS, Florida Avenue, and 4th Street site visits and spoke with business owners of Windows Café and Studio Elan.
 - Met with Rhode Island Avenue and North Capitol Main Streets to discuss communications with businesses and ideas for moving forward with partnership in 2020, October 23, 2019.
 - Updated DC Water's Office of Marketing and Communications on October events and upcoming construction impacts, October 23, 2019.

- Met with Rachel Fitz, business owner near Florida Avenue Construction Site, along with Aisha Bonds of North Capitol Main Street, and Ryan Payne DCCR ARE, to discuss construction impacts and traffic calming measurements, October 24, 2019.
- Met with Salini Impregilo Healy outreach team to review draft Phase Two proposal for media buy 2020, October 21, 2019.
- Reviewed Division J Risk Mitigation Action Monthly Update.
- Distributed T Street NW Newsletter to inform residents of upcoming potholing work.
- Updated the NEBT webpage with tunnel forum presentations and construction site traffic and pedestrian maps.
- Working with William Ryan to create a Flickr webpage to host Community Day photos for participant access.

News and Events

- Presented investigation results and proposed design to ANC 2E Chair and Vice Chair, and Georgetown BID on October 23, 2019.
- Presented GI at Grey at Green Conference on October 29, 2019.
- Attended NGICP Summer Graduation on October 22, 2019
- Organized and facilitated the T Street Block Meeting on November 14, 2019.

Office of Administration

Operational Performance

- DC Water Meter Recovery Unit, Ft. Reno
 - On or about September 1, 2019, the Meter Recovery Unit, Fort Reno, reached out to the Department of Security (DSEC), regarding the appropriate manner for their staff to enforce fraudulent Fire Hydrant usage (with DC Water equipment) as well as general theft of water complaints.
 - DSEC and Legal have conducted a series of meetings to review of DCMR Title 21, Chapter 21, Section 21-105 (Water Supply) and provide staff training for Water Supply enforcement.
- Blue Drop
 - Supported 3 events at HQO

Fleet

Operational Performance

- Vehicles/Equipment availability:
 - Priority #1 units – 78%
 - Priority #2 units – 81%
 - Priority #3 units – 92%
- Accidents – see chart for monthly reporting

ACCIDENTS BY MONTH		
	Total # of Accidents	Percentage Change from prior month
1/1/2019	28	n/a
2/1/2019	20	-29%
3/1/2019	23	15%
4/1/2019	24	4%
5/1/2019	19	-21%
6/1/2019	19	0%
7/1/2019	17	-11%
8/1/2019	11	-35%
9/1/2019	16	45%
10/1/2019	20	25%
11/1/2019*	9	
*Accident totals through 11/15/2019		

Progress Report

- Fleet Capital Equipment
- Fleet began the procurement (iRequest) process for the FY2020 capital equipment:
 - Dump trucks (6-wheel/10-wheel)
 - Cargo Vans
 - Pickup Trucks (4x4)
 - Meter Trucks
 - Welding Truck
- Recruiting
- Fleet Sr. Data Management Analyst- People/Talent is re-advertising the position
- Vehicle Equipment Maintenance Assistance - interviews pending
- Newly hired 1 of 2 in-house positions for Automotive Parts:
 - Supervisor, Automotive Parts: James Nelson - on board November 12, 2019
 - Technician, Automotive Parts Supply: interviews scheduled week of December 2nd
- Continue training and currently using Temp employee to manage, count, barcoding parts, updating FTP Min/max levels, FIFO, system look-up
 - Fleet continue working with Sewer Services to clean up the O Street facility for better parking and ingress/egress
 - Fleet continues to provide transportation requests for Blue Plains group tours, all departments activities and DC Water employees' request for a Rideshare loaner vehicle
 - Ongoing test of the WAVE mobile app forms portal expected implementation to begin Fall 2019
 - WAVE Parts In-house app, bar code scan and testing and ongoing
 - News and Events
 - The Department of Fleet Management in collaboration with REG Marketing & Logistics Group, (REG) and Optimus Technologies have agreed to a Pilot Project where up to \$130k in funding is being provided in B100 (neat biodiesel) for (10) units.

Facilities

Operational Performance

- Facilities, in coordination with Safety has developed the safety, health and hygiene metrics for DC Water facilities baseline data collection.
- Facilities, in coordination with Safety has started the safety, health and hygiene observations, collecting baseline data for DC Water facilities.

Progress Report

- Completed CMF Electrical Shop Mold Remediation
- Completed re-installation of Clean Rivers area cubicles following remediation from roof leaks
- Completed installation of condensate pumping system for Blue Plains CMF boiler system and brought the CMF boiler system on-line to provide heat to CMF and Lab Buildings
- Supported 4 events for Marketing and Communications
- Supported 2 Blue Drop Events
- Supported 19 Boardroom/Department events

1. Active Projects:

- CMF Electrical Shop Mold Remediation
- FT Reno Trailers (Permit pending)
- DSLF Roof Replacement
- Elevator car upgrades at Blue Plains Secondary Control Building

2. Upcoming Projects:

- Solids Building Elev 107' Roof Coating
- Fort Reno PS Tank Roof replacement: Acquired State Historic Preservation Office approval for this work
- CMF Clean Rivers area duct cleaning PO is in place

Emergency Management

Accomplishment(s)

- Director Dusti Lowndes was a conference planning committee member and presented "Integrating Hazard Mitigation and CIP planning for DC Water" at AWWA Water Infrastructure Conference in St. Louis Oct.21-22.
- Director Dusti Lowndes was the Keynote speaker for NC AWWA WEA Annual Conference in Raleigh NC on Nov. 4th. Theme of conference was *GAME ON – Moving forward in the water game* with several sessions on emergency preparedness, response, and assessments.

Operational Performance

- Facilitated DC Water's annual emergency management Multi-Year Training and Exercise Planning (MYTEP) Workshop on October 30, 2019.

Progress Report

- Assisted in planning and reporting operational efforts and Authority status related to World Series National Championship Events. Participated in Mayor's Special Events Task Group and HSEMA's Operational Briefings. To mitigate operational disruptions, assisted Sewer Services and Emergency Command Center in utilizing alternate continuity of operations (COOP) locations during World Series Events in DC.
- Conducted Evacuation Drills at multiple locations - CMF, COF, Warehouse, Security, Visitors Center, Solids, Nitrification, IT Trailer, IT Office in front of COF, Ft. Reno and Bryant Street.
- Provided Fire Watch Training to Department of Security's contractors Allied Universal Security Services Captains whom are conducting fire watch efforts at O Street Pumping Station.
- Facilitated Active Threat/Shooter Seminars at 9am and at 10am on November 4th with the assistance of Department of Homeland Security's Protective Security Advisor.
- Participated in National Park Service DC Flood Plan Orientation Exercise on November 4th.
- Representative for Water Environment Federation at Water Sector Coordinating Council and Water Sector Critical Infrastructure Partnership Advisory Council meetings on November 13th and 14th.
- Attended North Virginia's Emergency Response System (NVERS) Symposium on November 13th and 14th.
- DC Water's Incident Management Team was activated on November 8th -10th to manage the 4th High West Boil Water Advisory and operational response efforts. Report from after action

News and Events

- November 20th, DC Water's Hazard Mitigation Taskforce will have a quarterly meeting to discuss charter, updates to Hazard Mitigation Plan, America's Water Infrastructure Act gap analysis, and potential hazard mitigation grant submittals.
- December 4th, Business Emergency Management Operations Center meeting at DC Water Headquarters and Office of Emergency Management presentation.
- December 10th-11th, Director Dusti Lowndes will attend an initial meeting to participate on Department of Defense – Defense Science Board - Task Force related to critical infrastructure interdependencies.

Safety

Accomplishment(s)

- Monthly hours uploaded into SRS/Origami
- Team Work Sessions held with Risk Team
- Closed out Risk Console/Ventiv effective October 31, 2019
 - Two meetings held with Ventiv Account Manager
 - Internal communications and meetings to remind all areas to review, document and ensure all workflows captured in Origami
 - Outstanding payments
 - Completed Contractor Safety Prequalification Questionnaire and Evaluation Procedure with stakeholders
 - Completed staff performance reviews for all staffers and submitted the same for 2019

Operational Performance

- The Safety Specialist have been rotated effective November 1, 2019 and have met with management members for the departments they will serve.
- Given approval to advertise the Safety Specialist vacancy with the passing of Serik Bulatkulov in October 2019.
- Robert Wells, Jr., Construction Safety Manager, held the last Quarterly Contractor meeting for 2019 and prior to his retirement, effective December 23, 2019.
- Meeting was held between the Construction Safety Manager and Operation's Manager along with safety specialist to discuss safety goals and provide the format for a one-page audit report to be submitted to Department Directors in their area of responsibility.
- Updated the Respiratory Protection and Hearing Conservation Policies
- The Operations Safety Manager and the Environmental Specialist attended the DOT Hazardous Materials Bi-Annual Refresher Training, the RCRA Annual Refresher and the Hazardous Waste Management updates which are required to maintain certification.
- All DOSH COTR representatives attended all day training to continue to perform COTR responsibilities in their respective areas.
- George Bouyat, Environmental Safety Specialist, met with the Facilities Director and Operations Manager to discuss and plan the Health and Hygiene Building initiative.
- Worked with Facilities staffers to provide safety oversight on pump replacement project and assisted with creating a Job Hazard Analysis.
- Safety Specialist working with DPO Foreman for 12 employees held at the O Street location training.

- All Specialist held “All Hand” meetings in their respective areas as well as provided safety statistical reports.

Progress Report

- Continue to revise and update the construction safety manual.
- Started fully testing the SRS Mobile Web and SRS Forms application in preparation for full launch in December 2019 to include the following:
 - Updated minor elements across SRS considering feedback from users during the pre-launch
 - Started to create SRS Guides to support user’s levels (i.e. general, light, construction, full)
 - Developing high level overview/training to provide user a foundation when navigating the Mobile App. Forms.

News and Events

- Chubb Insurance to provide Rigging Level 1 scheduled for November 14, 2019, 8:00 am – 4:30 pm
- User Conference in Texas scheduled for (January 14-16, 2020). George Porter and Tameca Miles to attend
- Mobile Training scheduled in December 2019

Department of Performance

Matthew Ries, Director, Sustainability & Watershed Management, briefed the National Association of Counties (NACo) Energy, Environment, and Land Use (EELU) Committee on October 24 about watershed management best practices and future directions. Dr. Ries discussed watershed-based approaches from an urban utility perspective and opportunities for utility-county collaboration.

ORGANIZATIONAL PERFORMANCE DASHBOARD (September 2019)

Financial Highlights

Net Operating Cash (\$tho)		Operating Revenue (\$m)		Operating Expenses (\$m)		Capital Disbursement (\$m)		Operating Cash Bal (\$m)	
Actual	27,477.	Actual	71.20	Actual	38.90	Actual	24.10	Actual	190.80
Target	9,316.	Target	63.40	Target	46.00	Target	31.80	Target	125.50

Core Invest Yield (%)		Short Term Invest Yield (%)		Delinquent Acct Receivables (%)		On-time Vendor Payments (%)	
Actual	2.42	Actual	1.54	Actual	1.95	Actual	98.00
Target	1.57	Target	1.56	Target	3.00	Target	97.00

Operations and Engineering Highlights

Lead Concentration (ppb)	Total Coliform Rule (%)	Biosolids Production (wet tons)	Total Nitrogen (lbs/yr mil)
		Actual 454	

Plant Influent Flow (gal mil)	Excess Flow (gal mil)	Water Main Leaks	Water Valve Leaks
	53	31	2

Fire Hydrants Insps. And Maint.	Fire Hydrants out of Service	Fire Hydrants Replaced (YTD)	Non-revenue Water (CCF Mil)
448	51	27	Purchased 13.50 Sold 10.23

Sewer Main Backups	Sewer Lateral Backups	Dry Weather CSO	Permits Processed within SLA (%)	Electricity Usage (Kwh)
4.00	110.00	0.00	91.00	17654.00

Customer Experience Highlights

Call Center Performance	Command Center Performance	First Call Resolution	Emergency Response Time
Actual 97% Target 85%	Actual 92% Target 85%	Actual 68% Target 75%	Actual 89% Target 90% (% of calls received)

Low Income Assistance Program Highlights

SPLASH Contributions (\$tho)

Actual	6.06
Target	6.67

Customer Assist. Program (\$tho)

Current	79.87
Previous	54.47

People and Talents Highlights

Recruitment Activity

Filled	5
Open	59

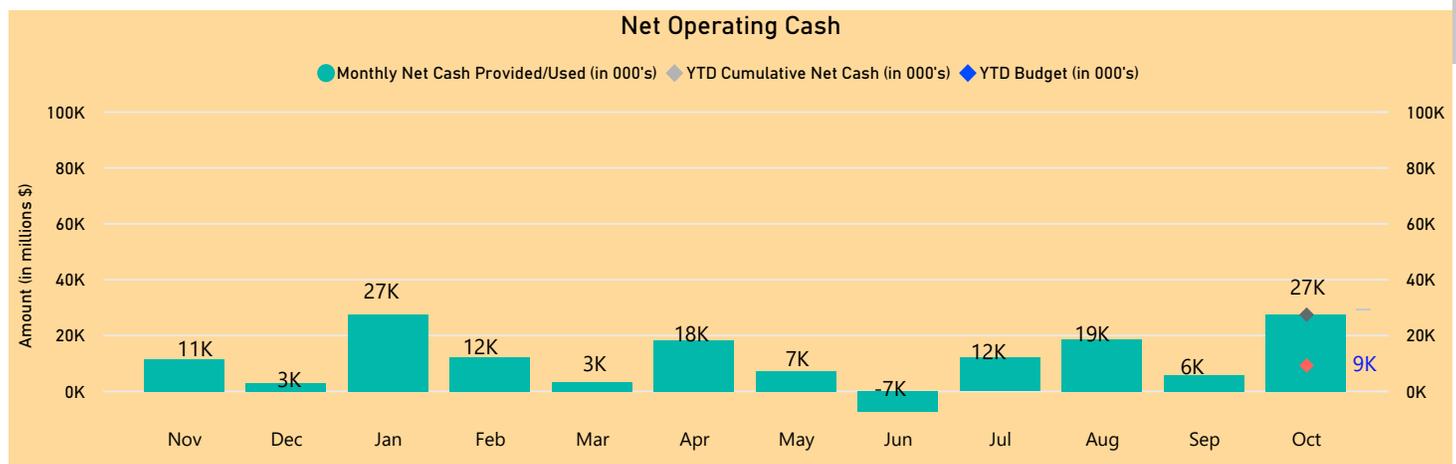
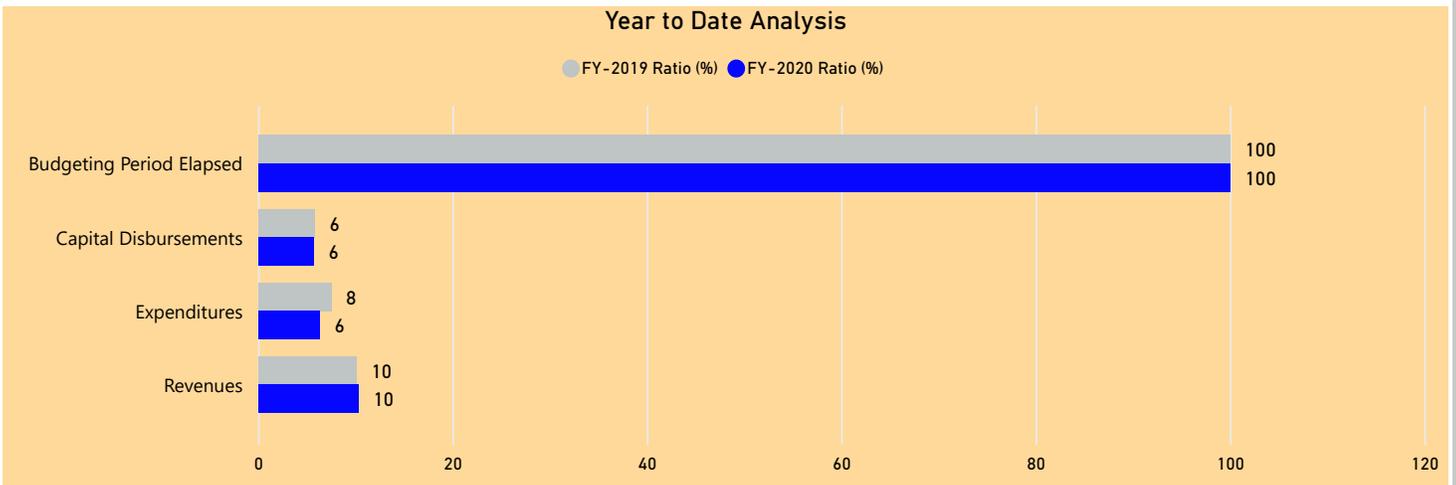
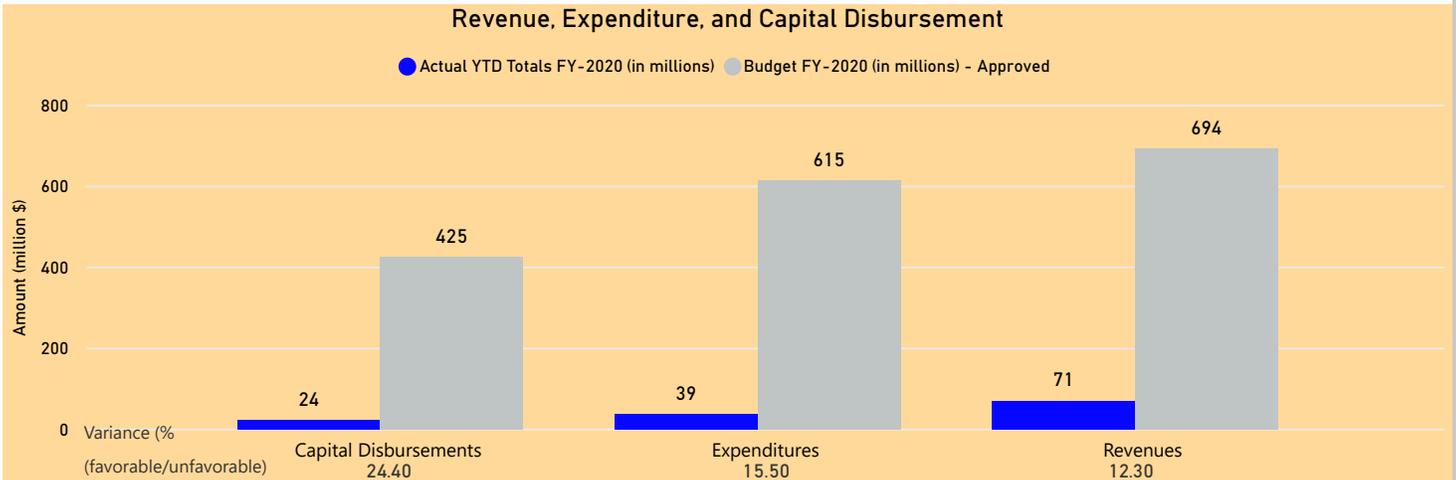
Administration Highlights

Employee Lost Time Incidence Rate

0.20%

FINANCIAL HIGHLIGHTS

Financial Performance Summary

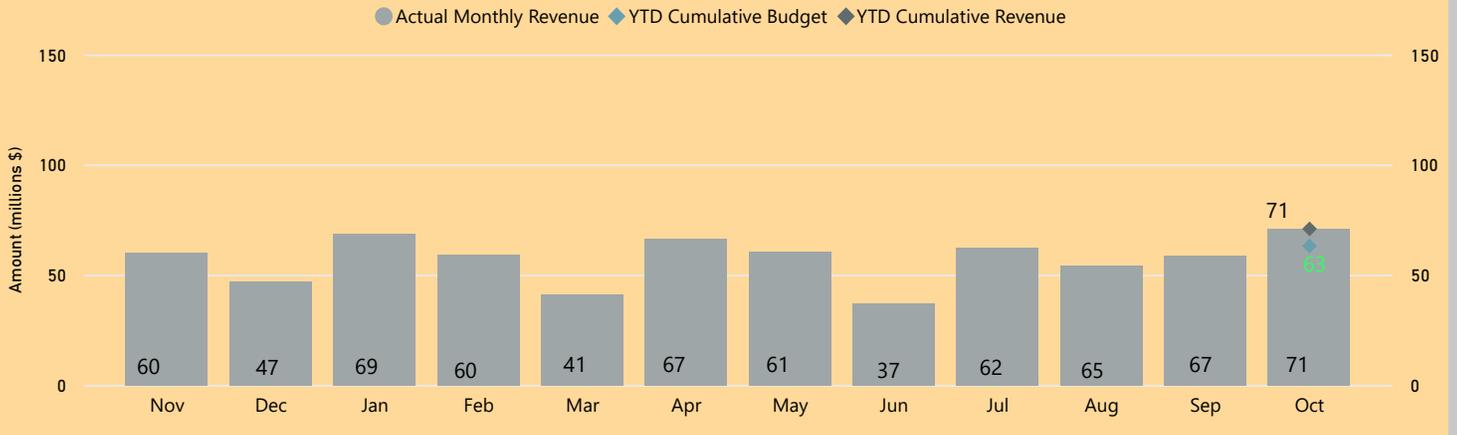


Net cash to date for October was above budget by \$18.2 Million

FINANCIAL HIGHLIGHTS

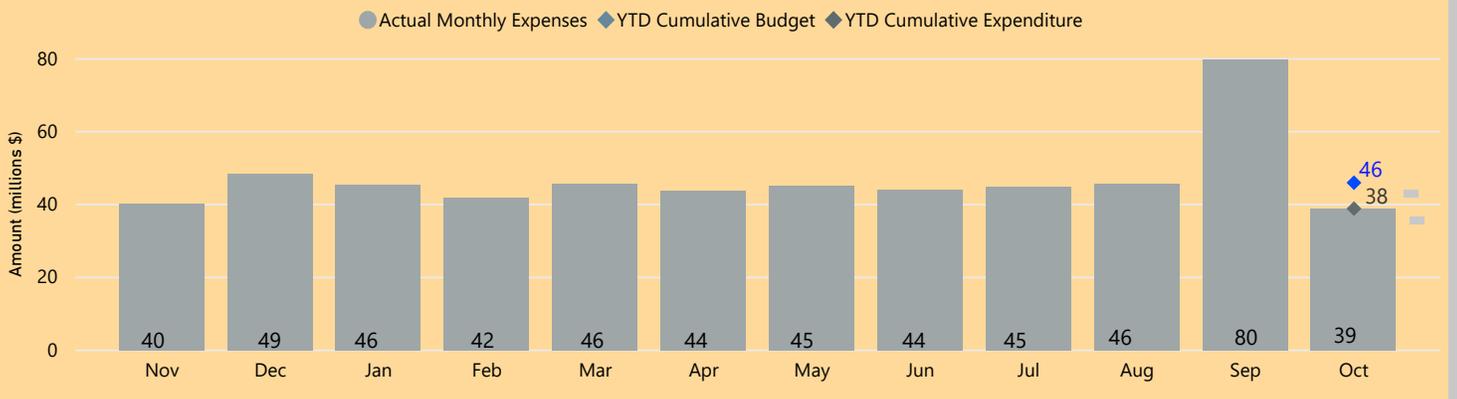
Revenues & Operating Expenses

Operating Revenues



Revenue to date for October was above budget by \$7.8 Million

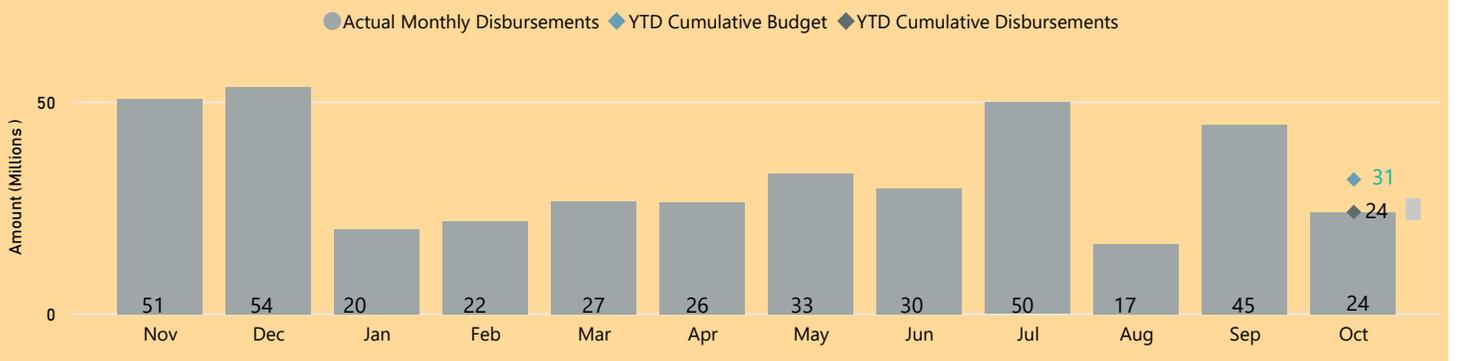
Operating Expenses



Expenditure to date for October was below budget by \$7.1 Million

Capital Spending

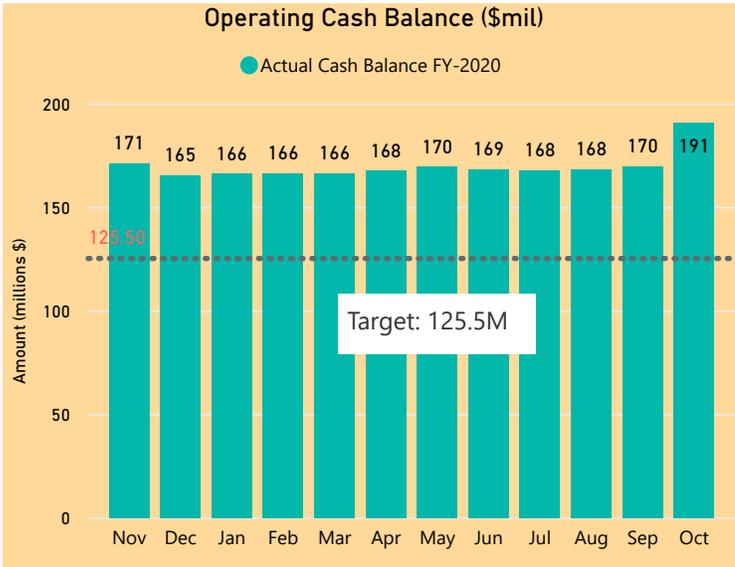
Capital Disbursement



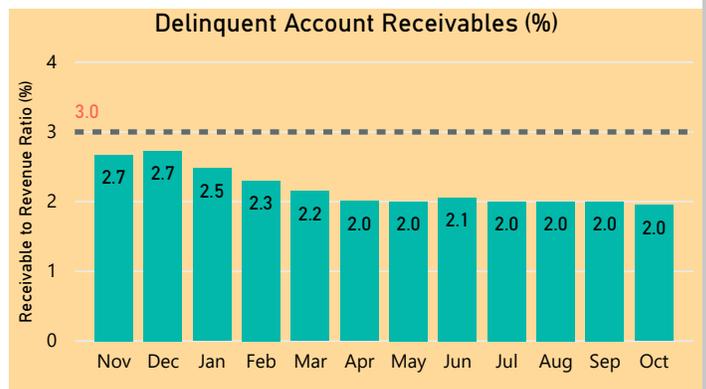
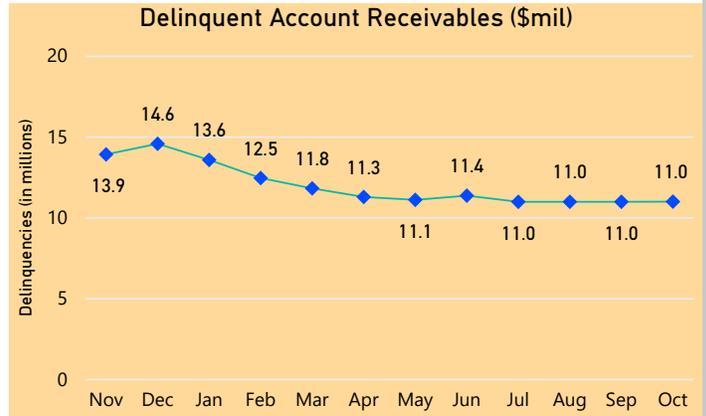
Disbursements to date for October was below budget by \$7.7 Million. YTD spending reflects comparison to the approved budget.

FINANCIAL HIGHLIGHTS

Operating Cash & Receivables

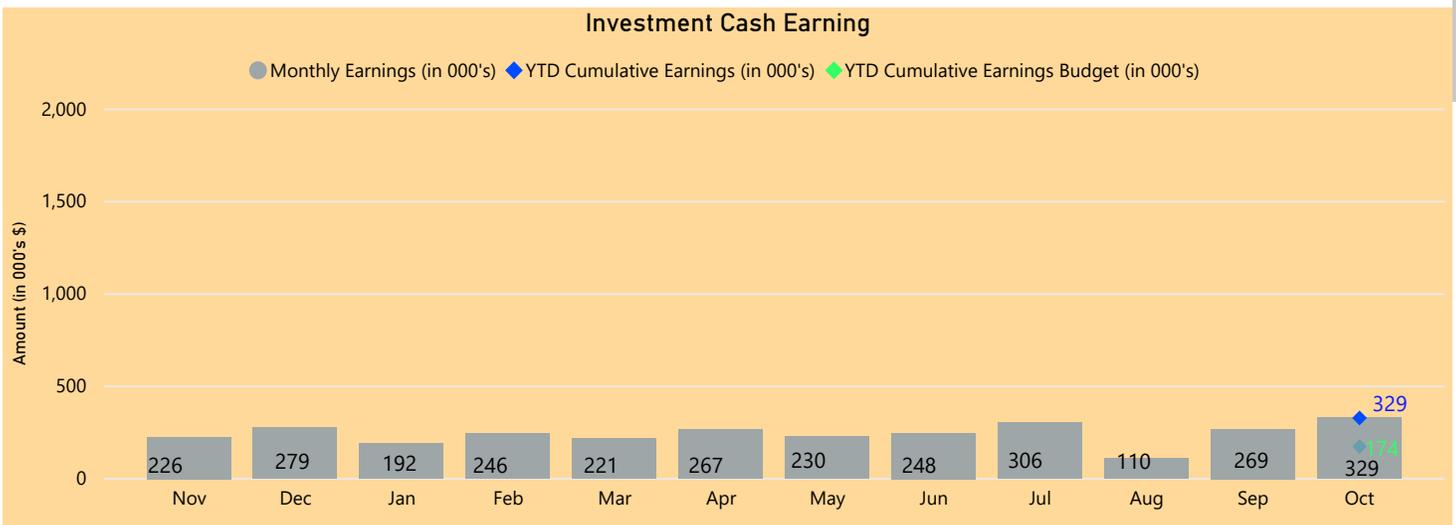


Cash Balance for October was above target by \$65.3 Million



October Receivables to Revenue Ratio is 1.95, Delinquency is 11.1 million.

Investment Earnings

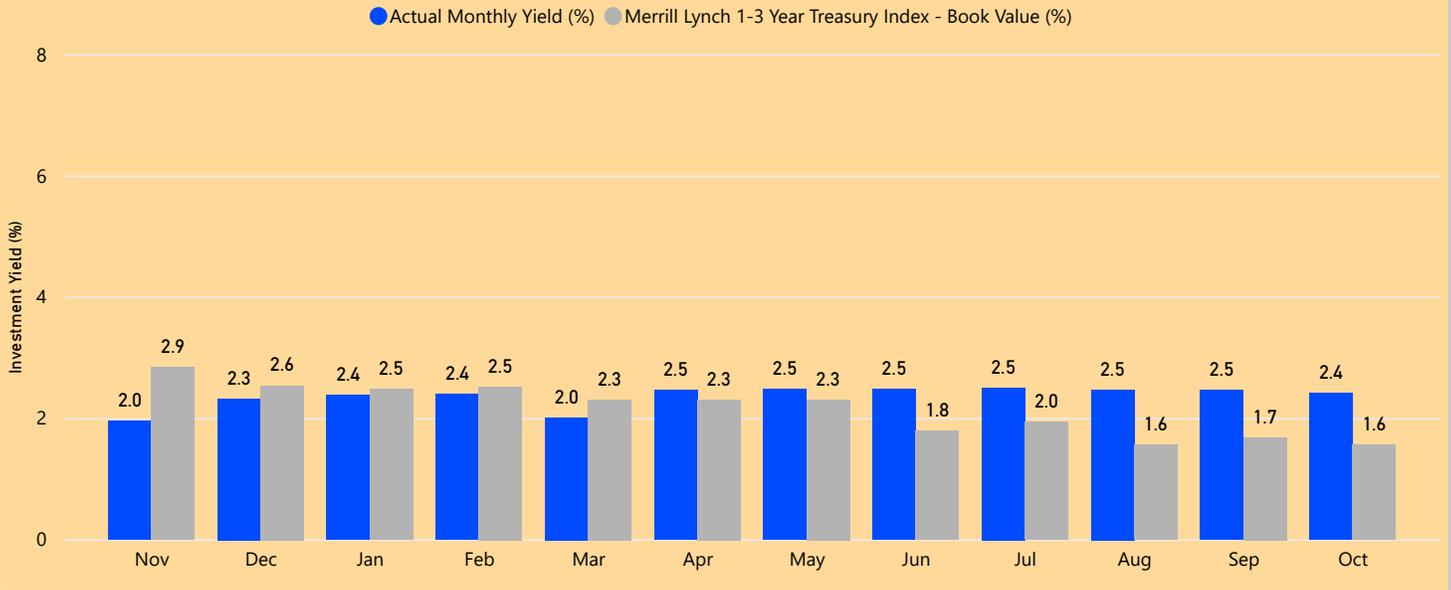


Earnings to date for October were above Projected Budget by \$678,400.

FINANCIAL HIGHLIGHTS

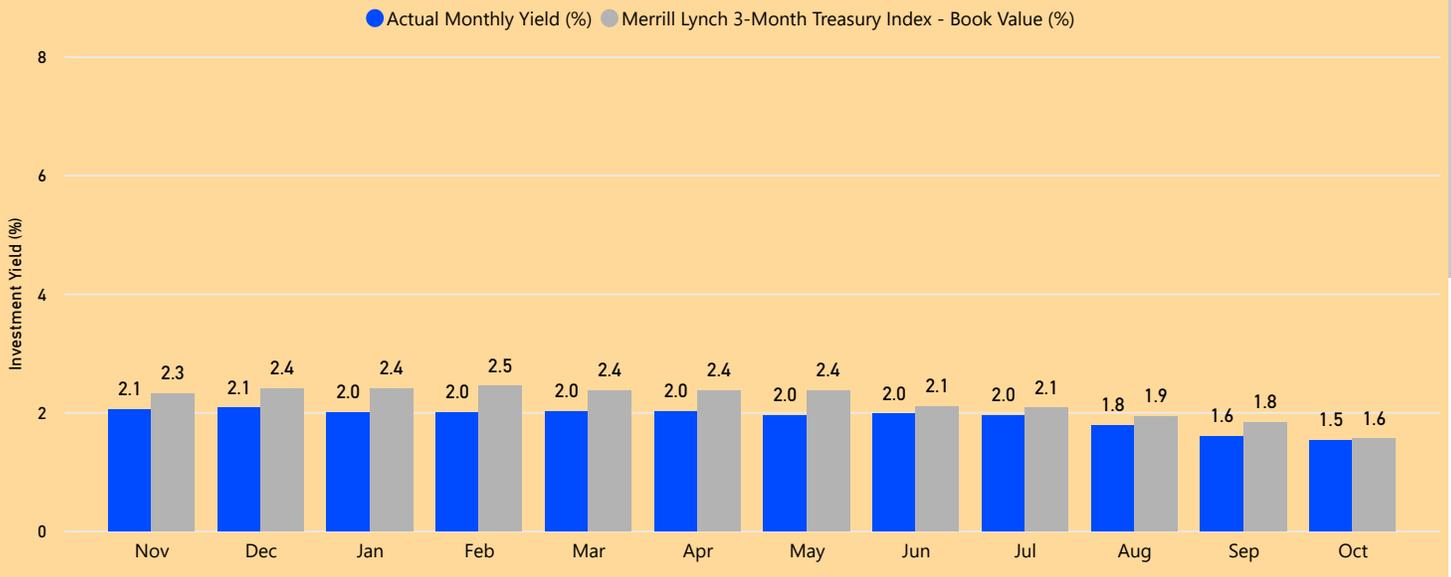
Investment Yields

Core Investment Yield



Yield for October was more than the treasury index by 0.85%

Short Term Investment Yield

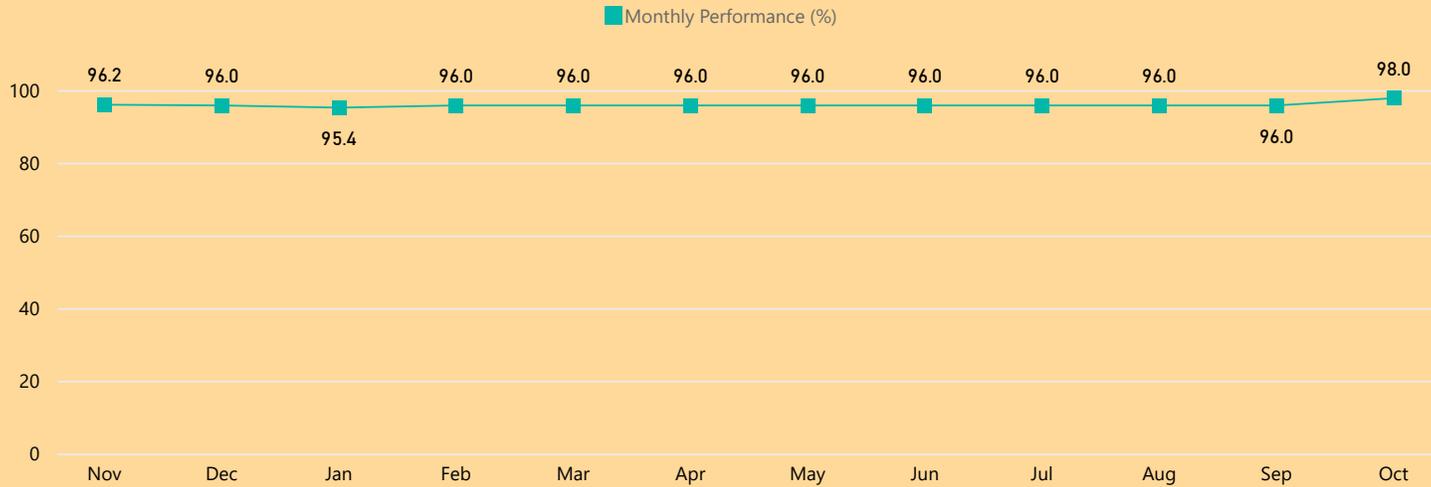


Short Term Yield for October was less than the Merrill Lynch yield by 0.02%

FINANCIAL HIGHLIGHTS

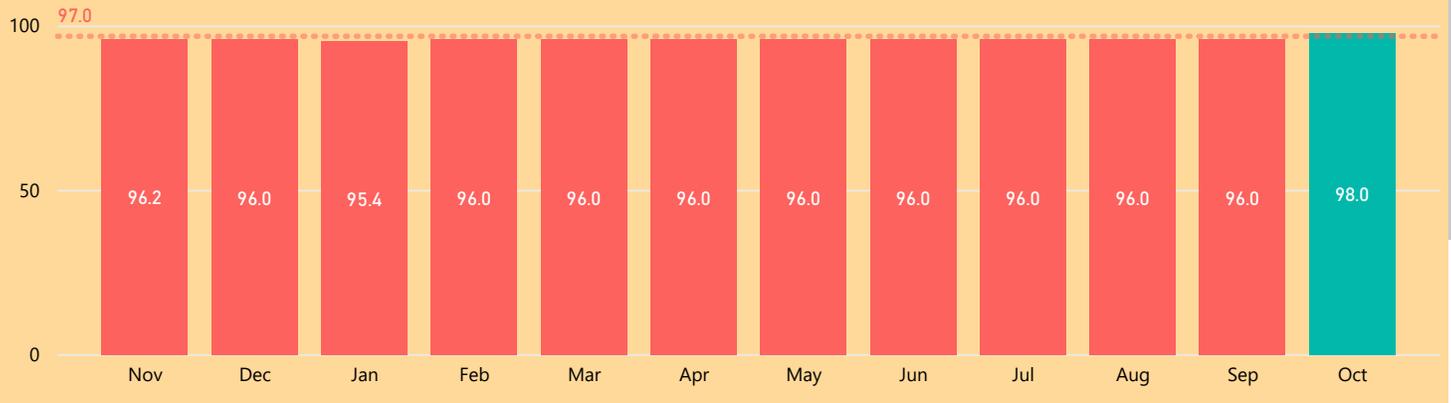
Vendor Payments

YTD Performance



Monthly Performance (%)

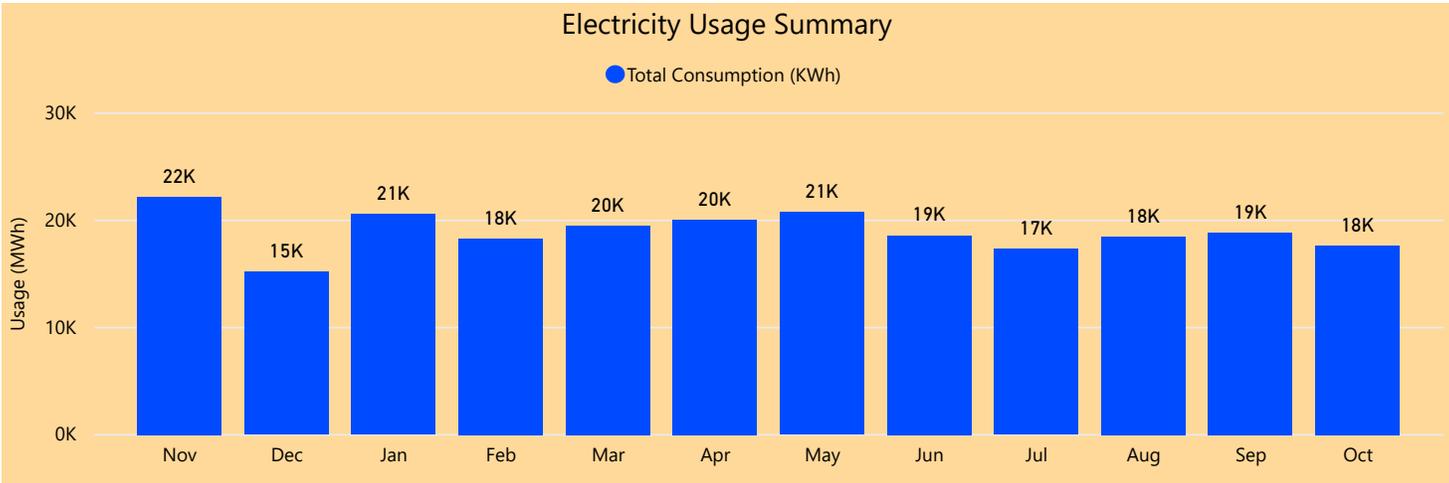
Target: 97%



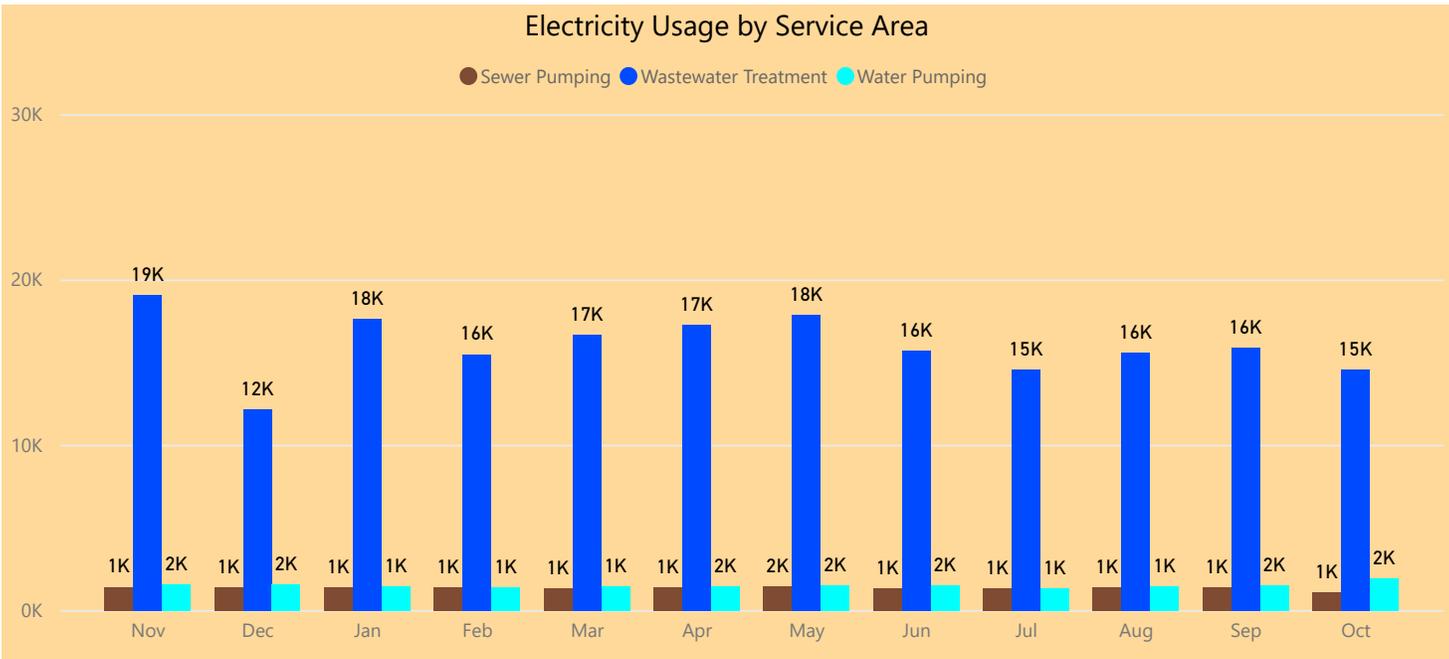
Performance for October was above the monthly target by 1%

OPERATIONS AND ENGINEERING

Energy Consumption



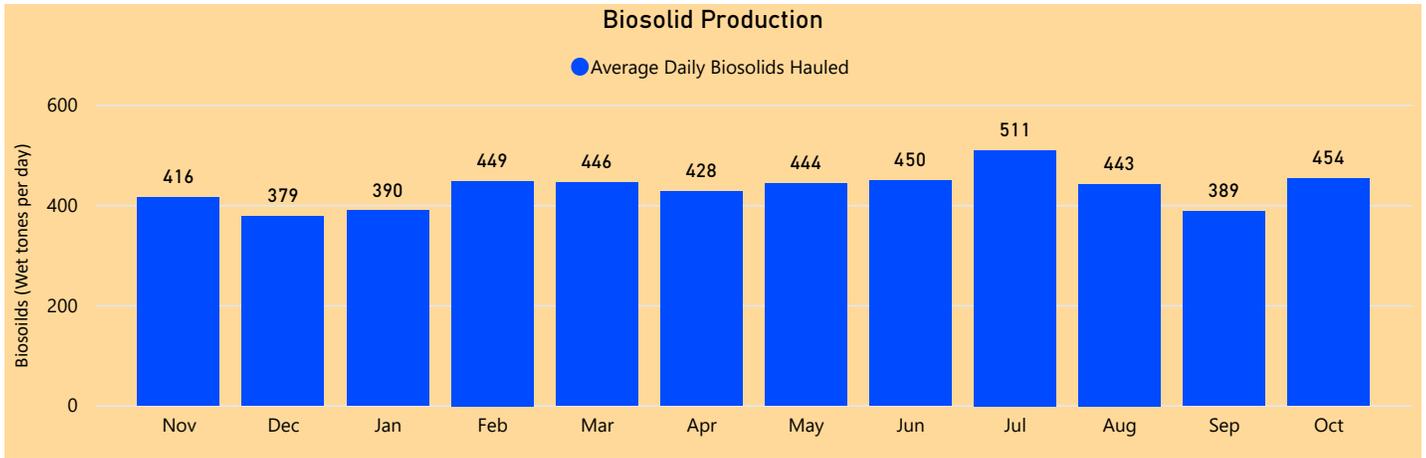
Electricity Consumption in October was 17,654 KWh



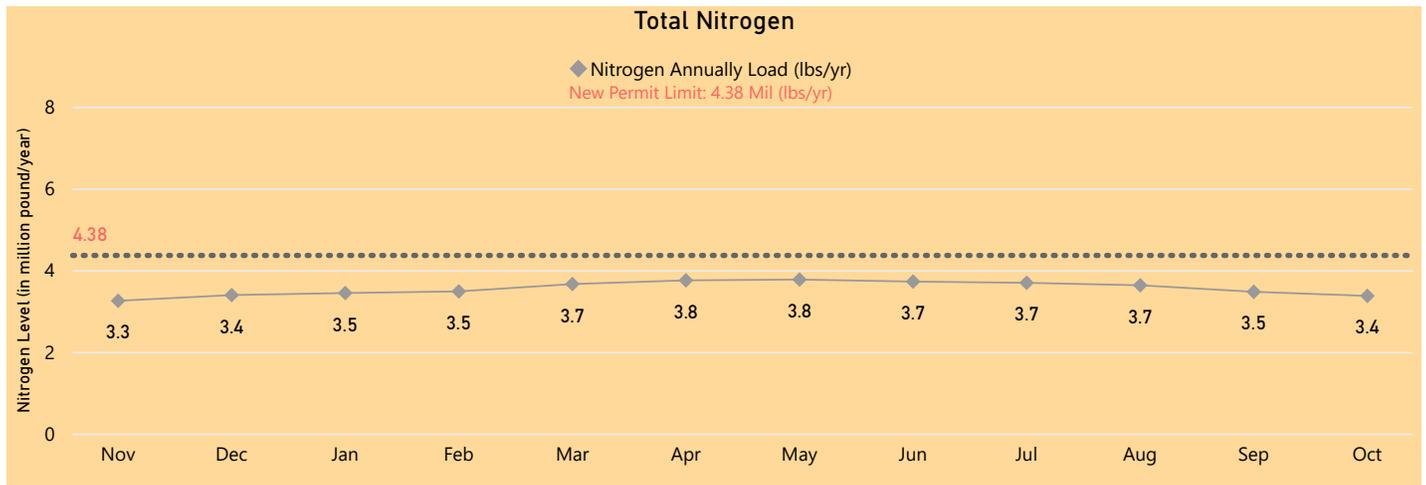
Wastewater Treatment had the highest electricity consumption in October at 14,612 KWh

OPERATIONS AND ENGINEERING

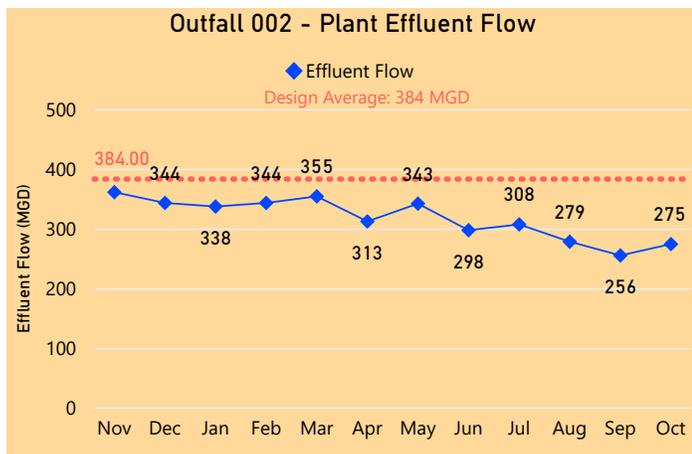
Wastewater Treatment



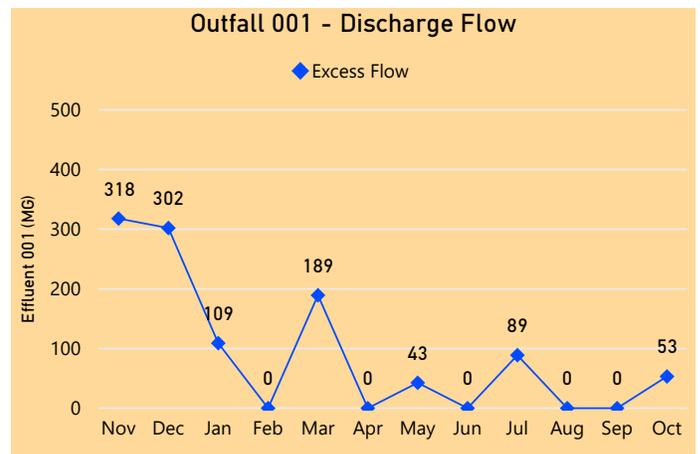
Biosolids Daily Production for October were 454 wet tons per day



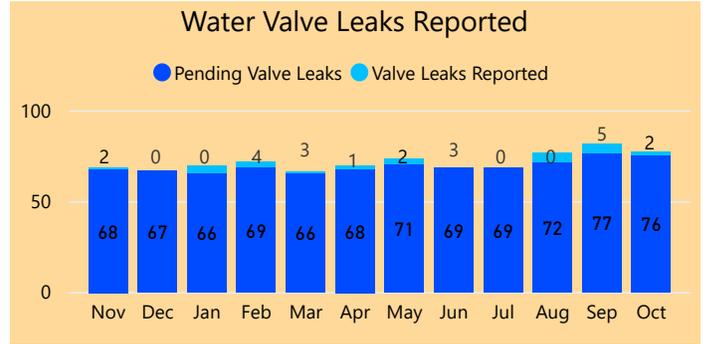
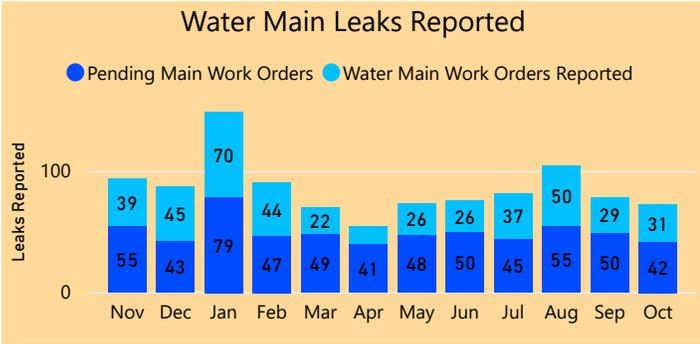
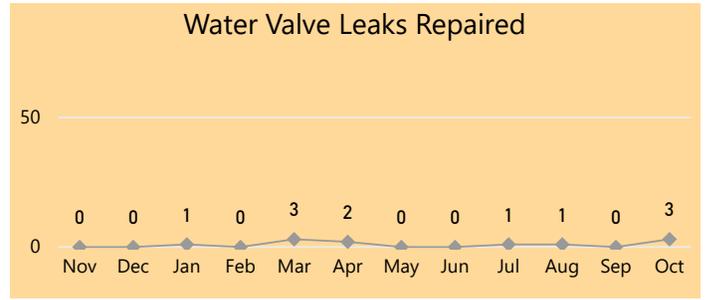
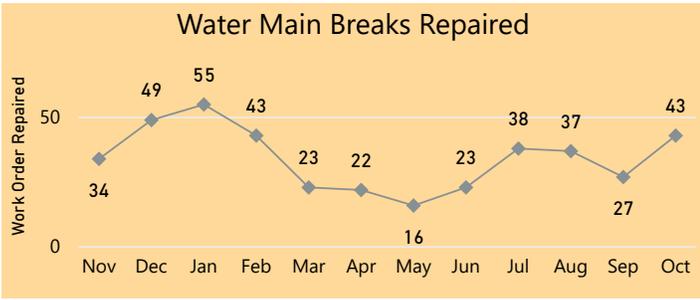
Nitrogen level for October were below permit by 0.99 million lbs/yr



In October effluent flow was below design by 109 MGD



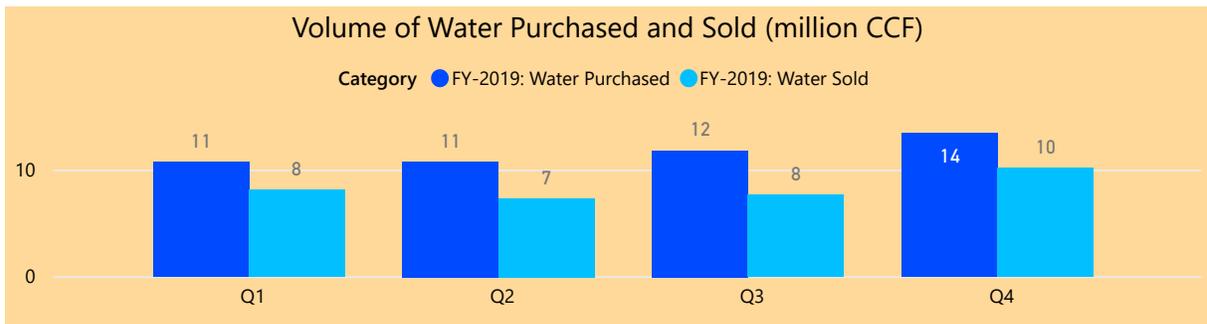
Excess flow events were recorded at 53.19 MG in Octo...



There were 31 Water Main Work Orders reported in October

3 leaks were resolved in October.

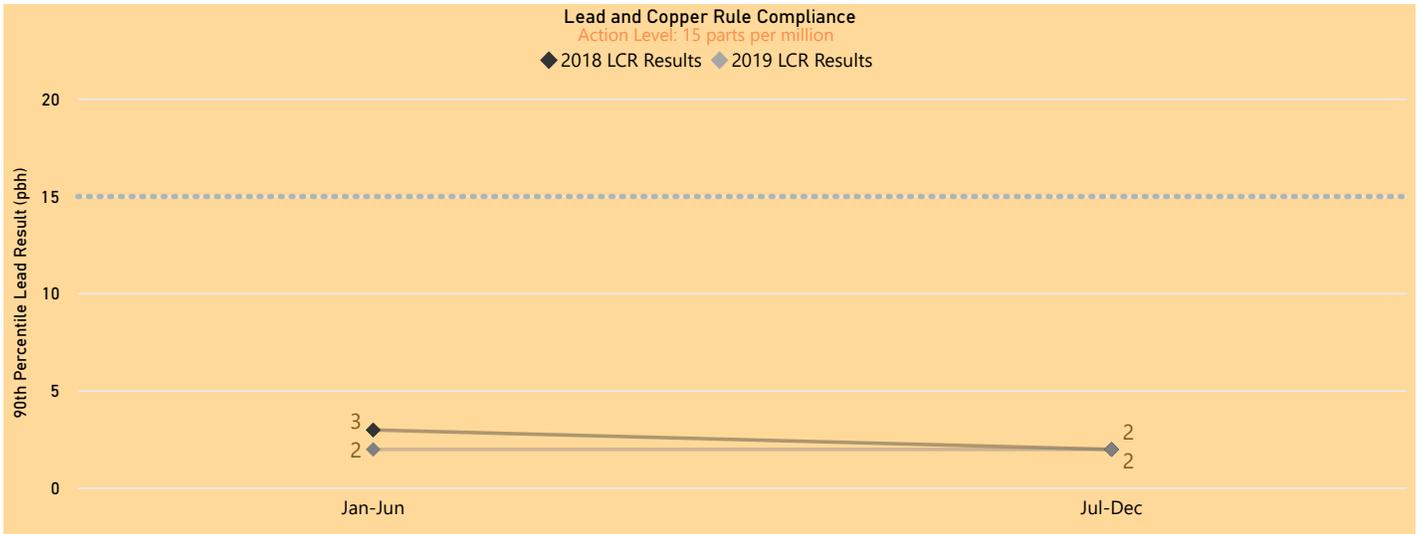
Water Balance



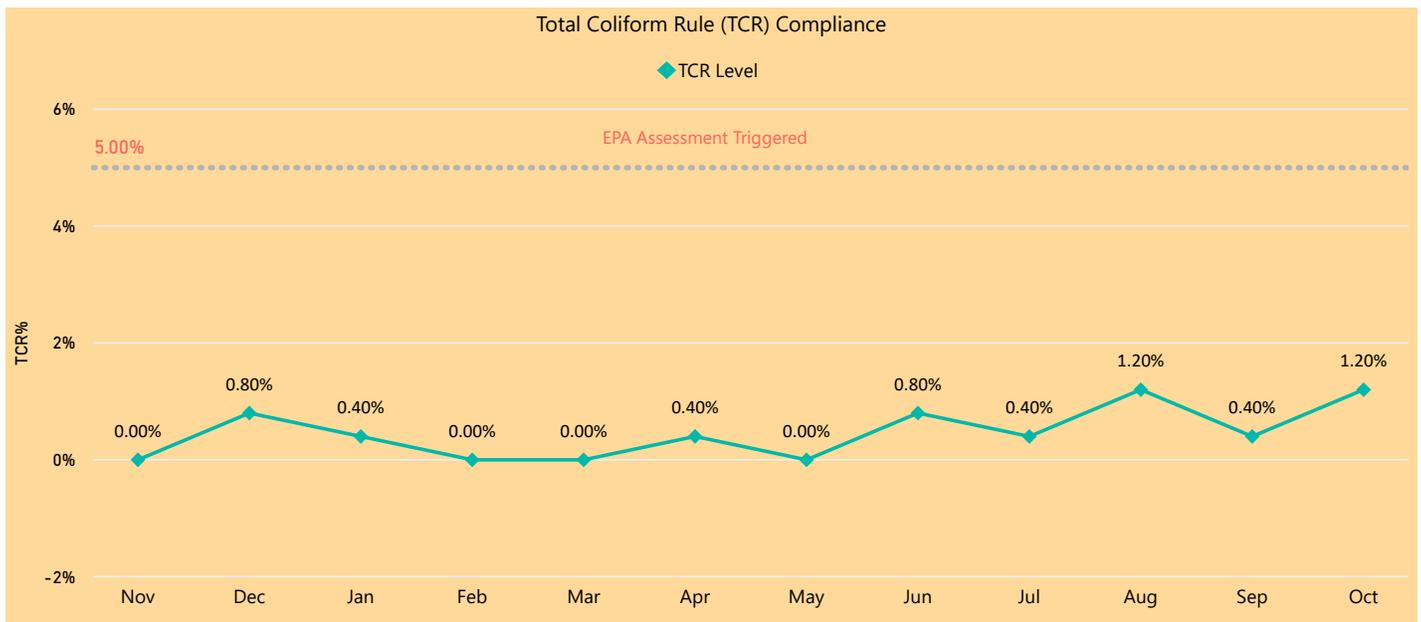
In the 4th quarter of FY2019, 10.23 out of 13.50 million cubic feet of water was sold.

OPERATIONS AND ENGINEERING

Drinking Water Quality



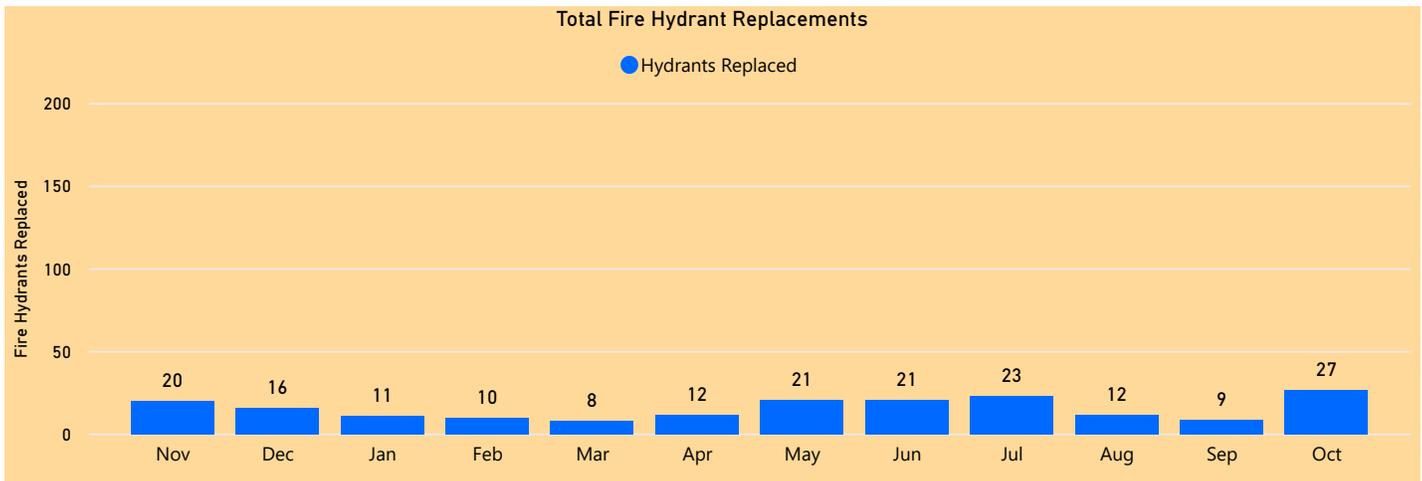
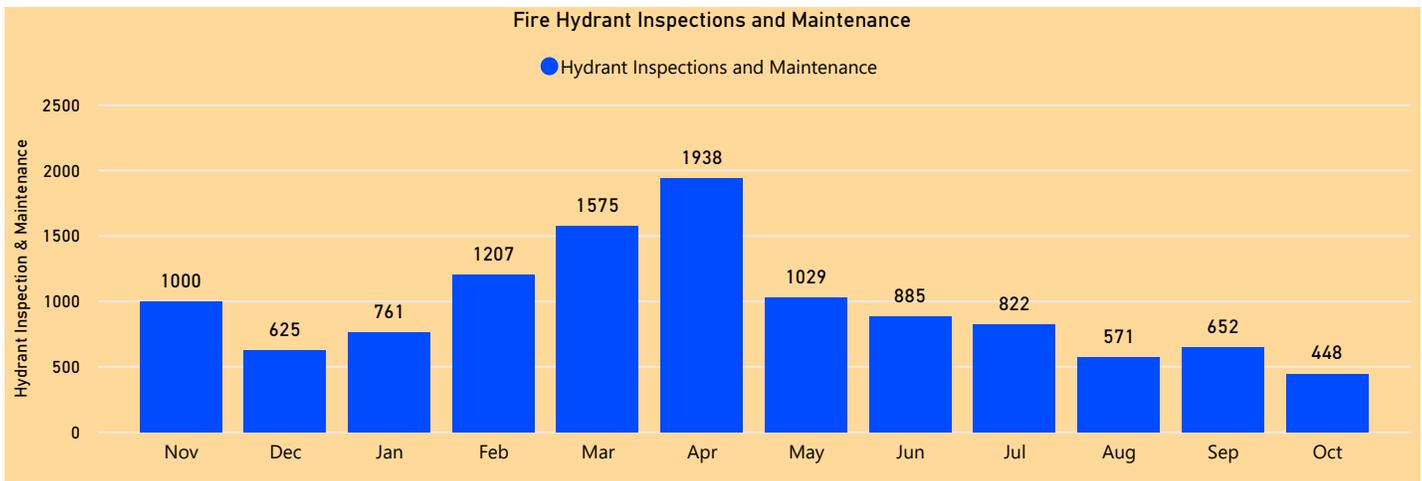
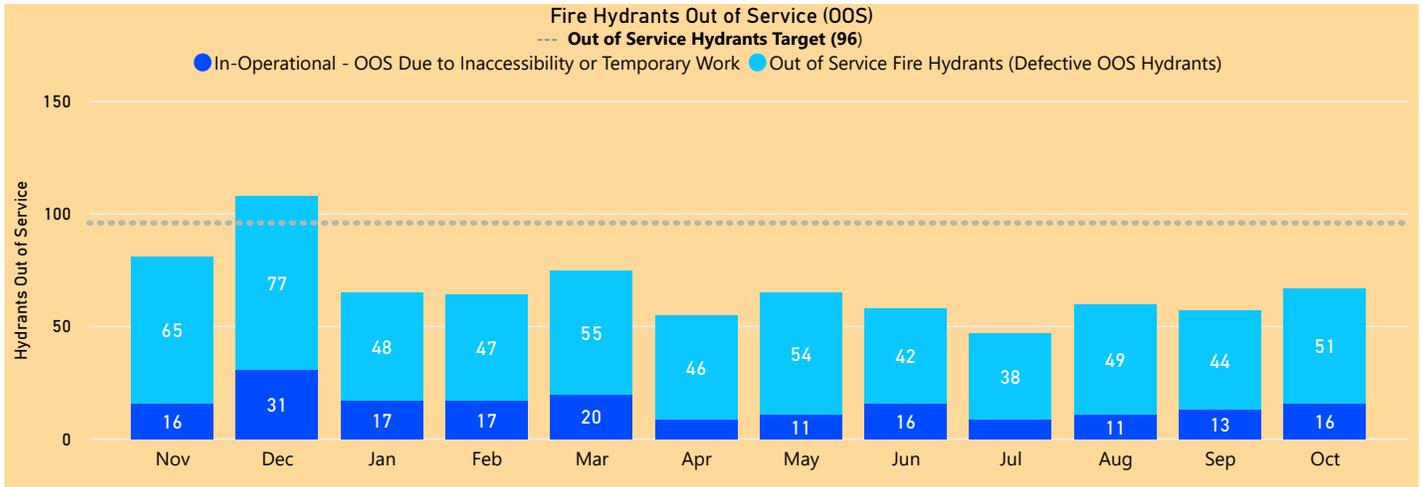
October 2019 results pending.



Coliform Positive was recorded at 1.2% in October.

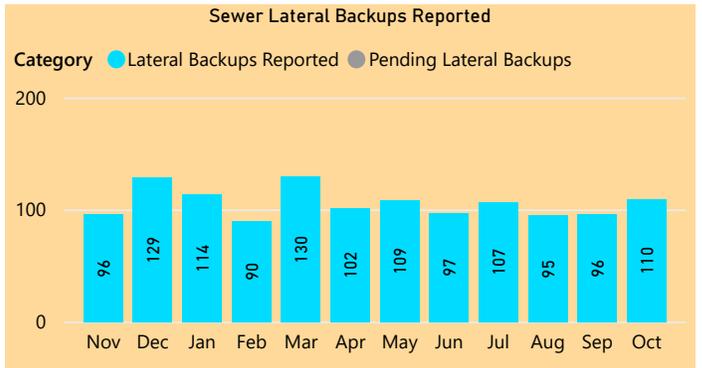
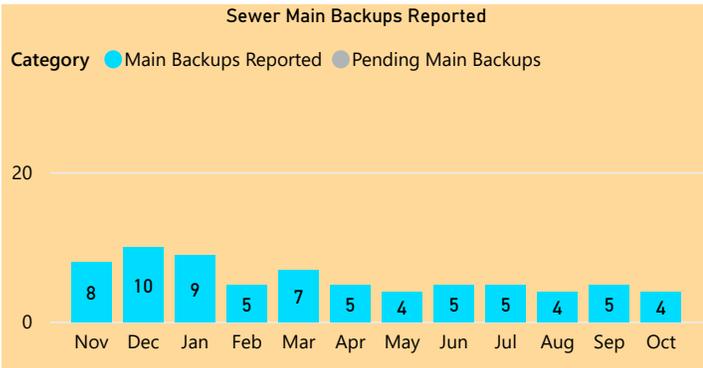
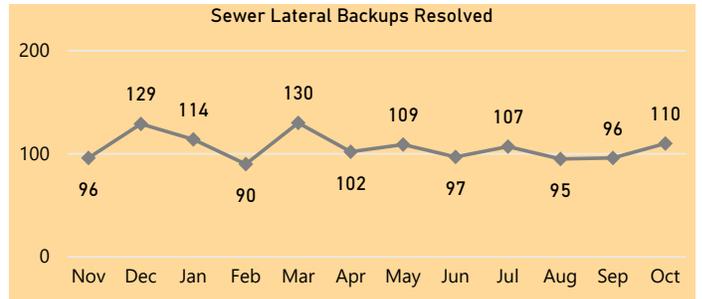
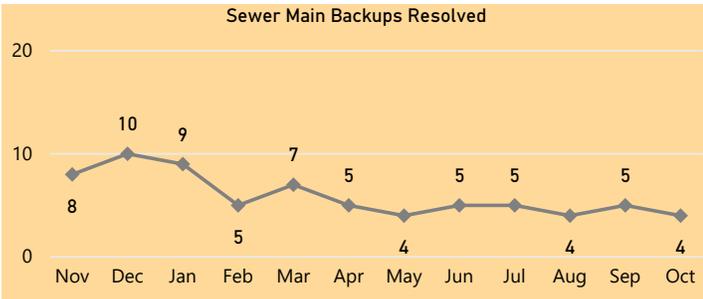
OPERATIONS AND ENGINEERING

Fire Hydrants



OPERATIONS AND ENGINEERING

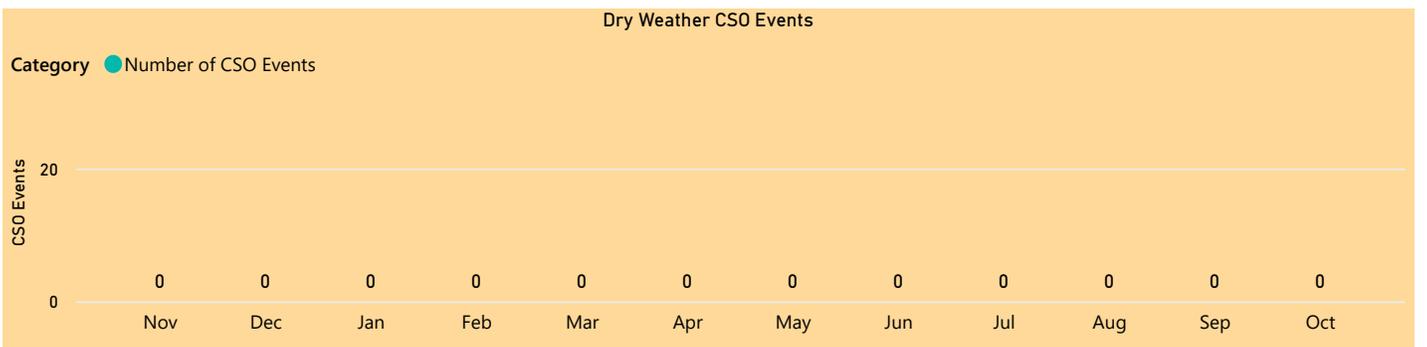
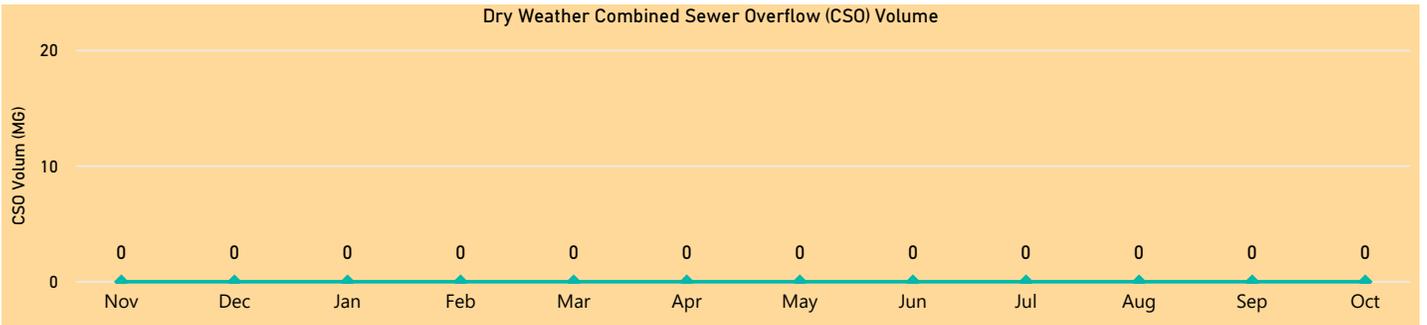
Sewer System Operations



No pending main backups reported

No pending lateral backups reported

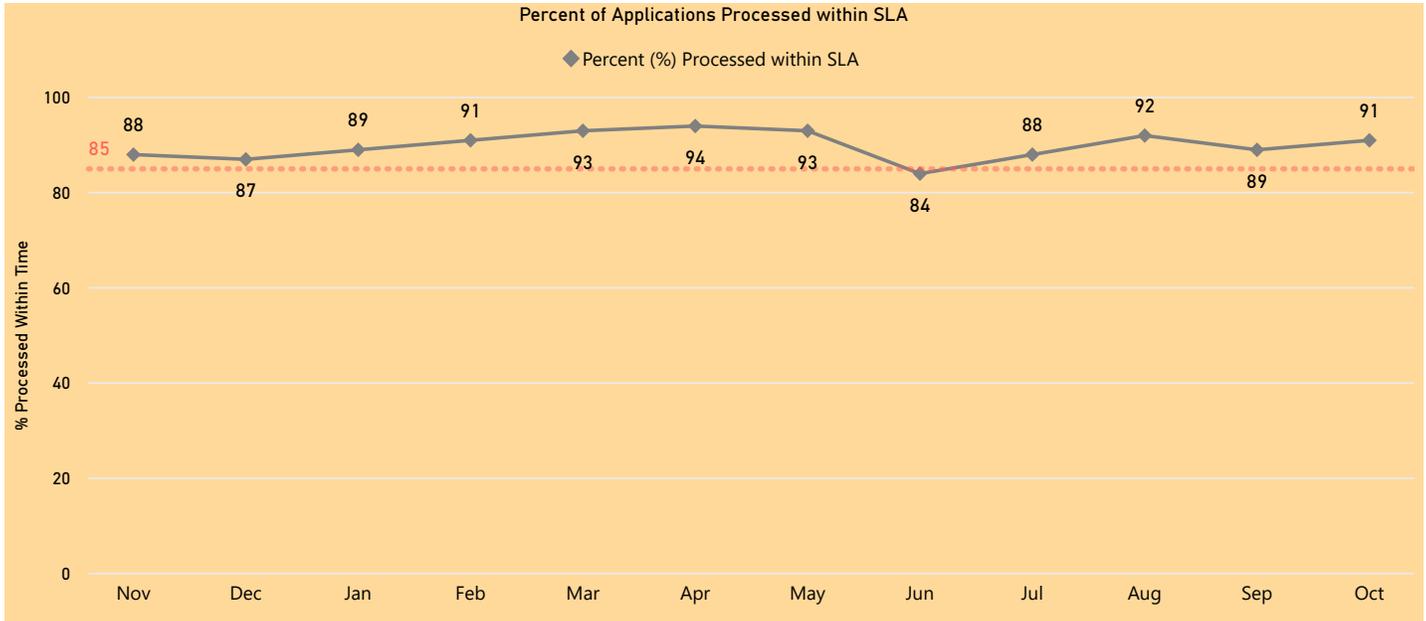
Combined Sewer System



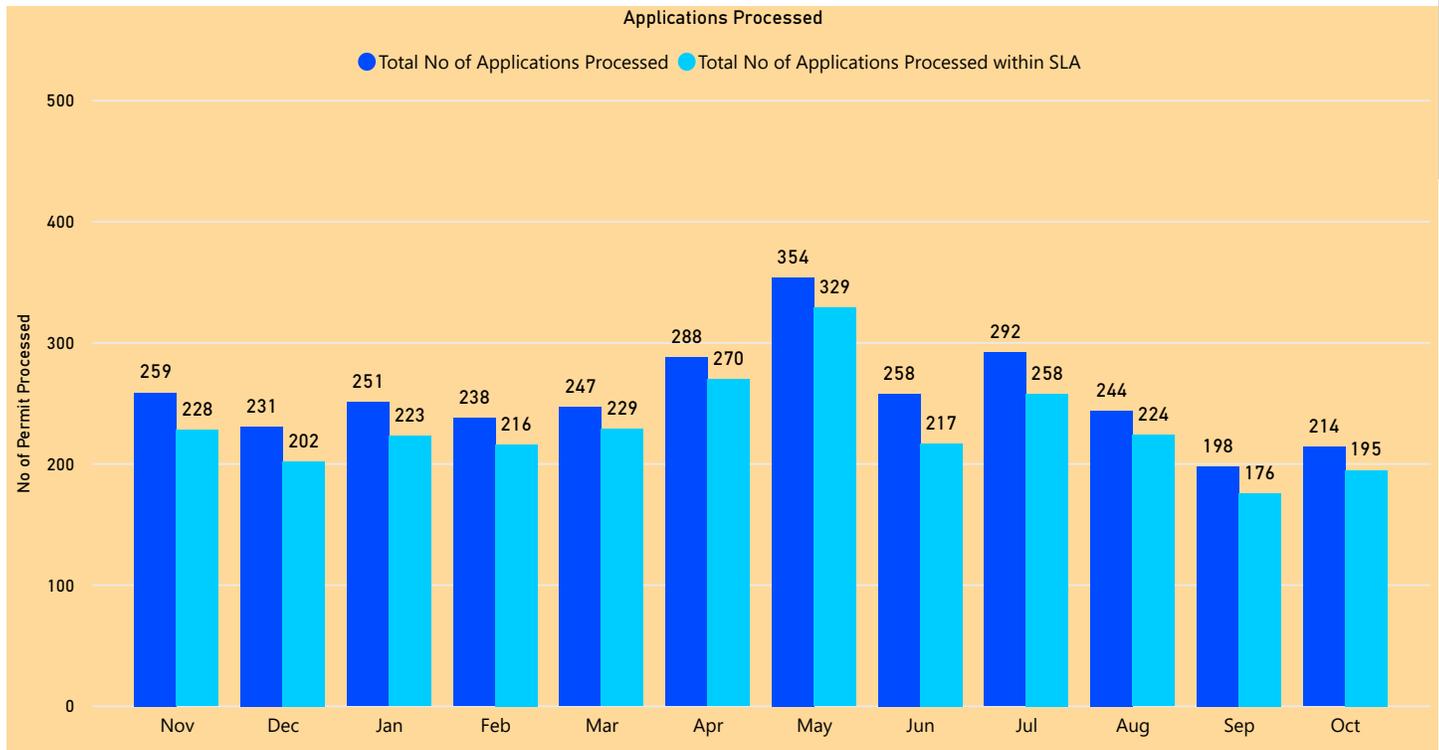
No dry weather Combined Sewer Overflow events were recorded in Oct 2019.

OPERATIONS AND ENGINEERING

Permit Processing

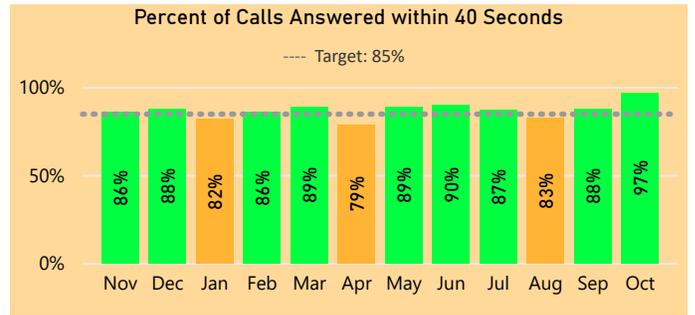
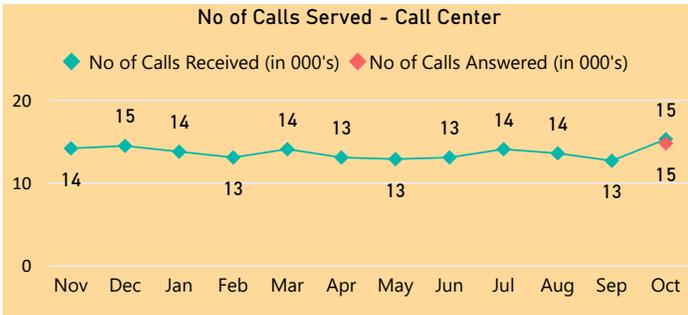


Permits processed in October were 6% above the SLA target of 85%



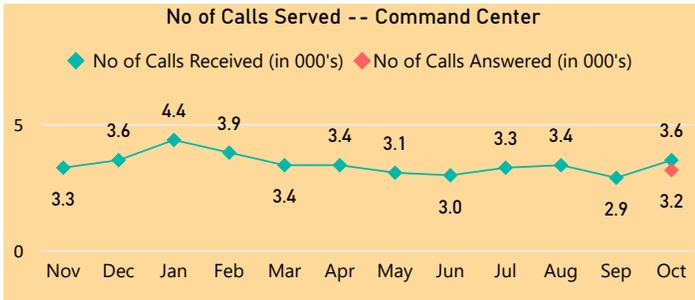
CUSTOMER EXPERIENCE

Customer Care - Call Center Performance



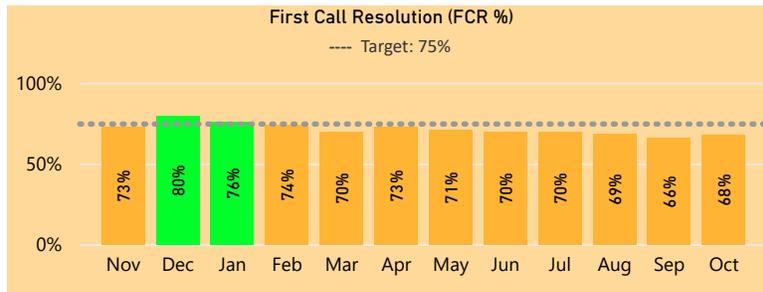
Performance for October was above target by 12%.

Customer Care - Command Center Performance



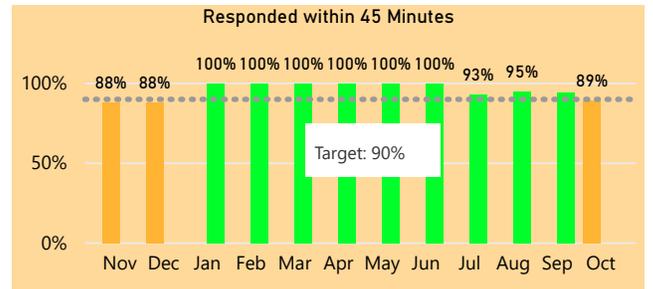
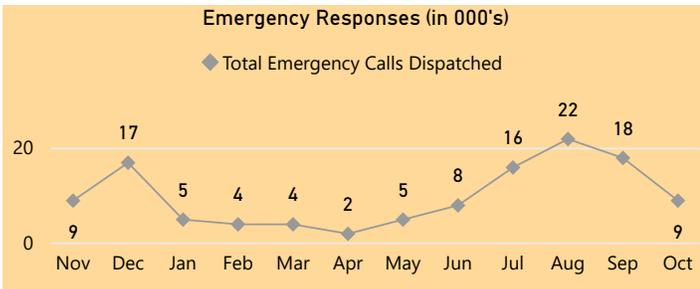
Performance for October was above target by 7%.

Customer Care - First Call Resolution



Performance for October was below target by 7%.

Customer Care - Emergency Response Time



Performance for October was above target by 9%

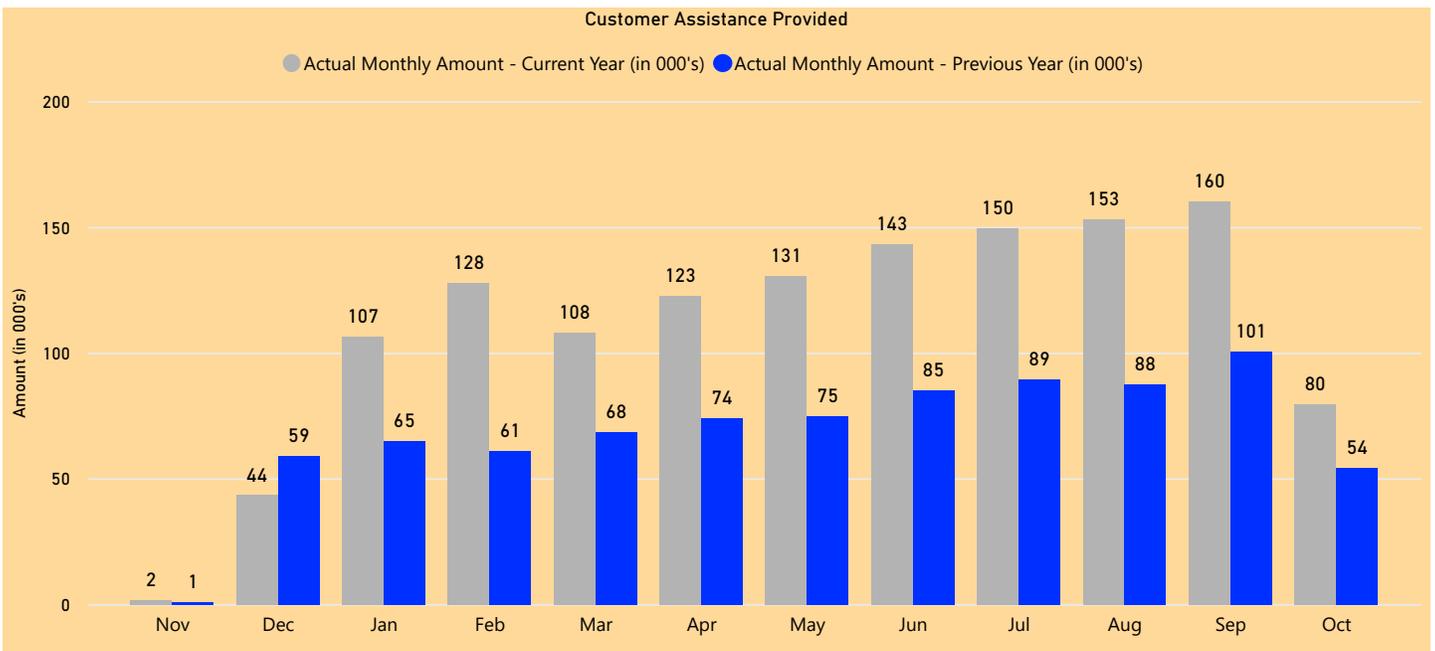
LOW INCOME ASSISTANCE PROGRAM

SPLASH Program



Total SPLASH Contributions to date for October was above target by \$2290.

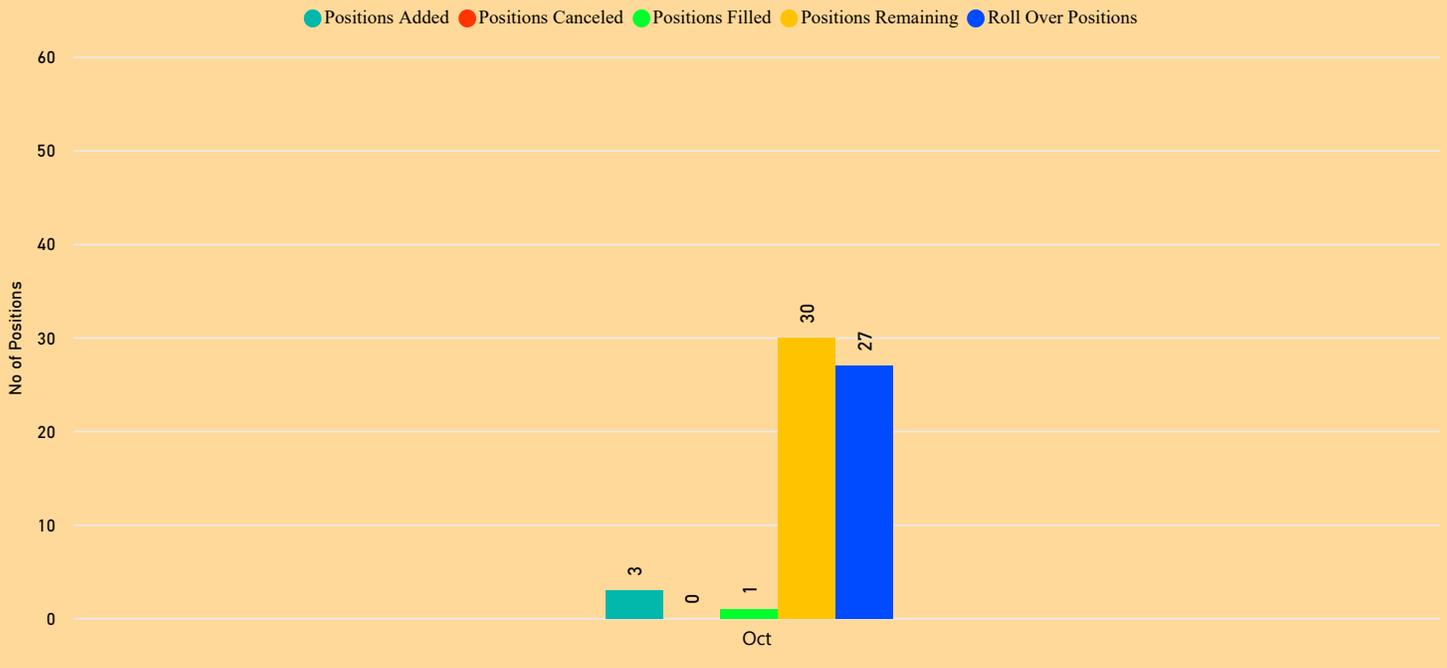
Customer Assistance Program (CAP)



PEOPLE AND TALENT

Human Resources

Recruitment Activity - Previous Fiscal Year



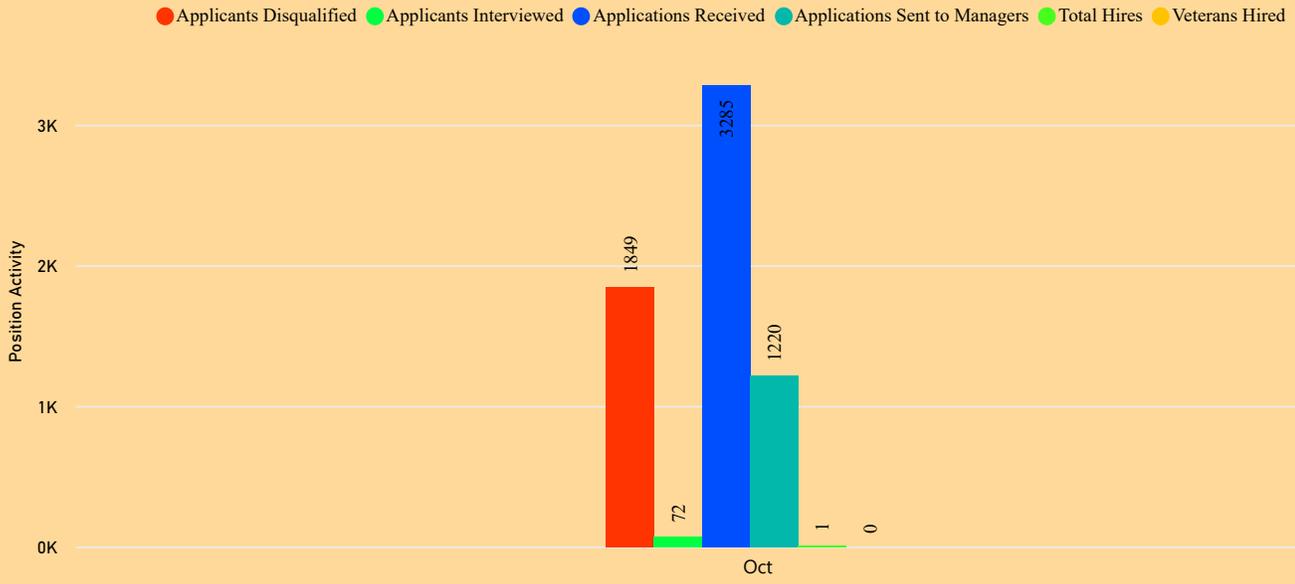
Recruitment Activity - Current Fiscal Year



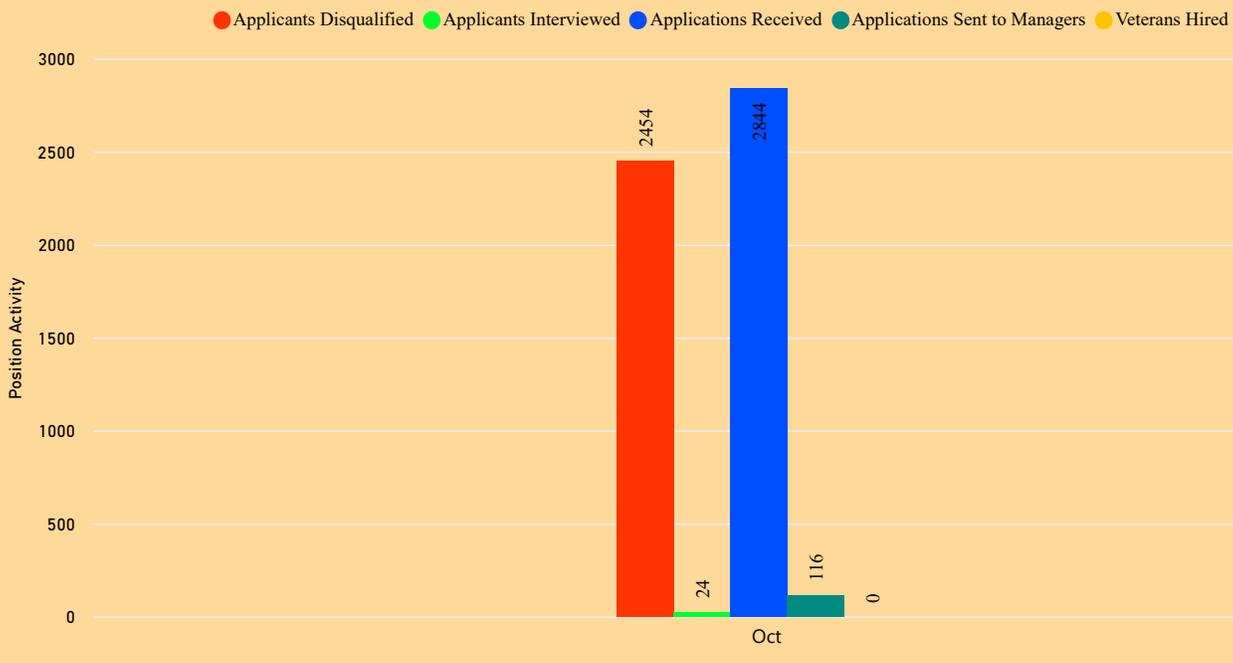
PEOPLE AND TALENT

Human Resources

Recruitment Performance Metric - Previous Fiscal Year

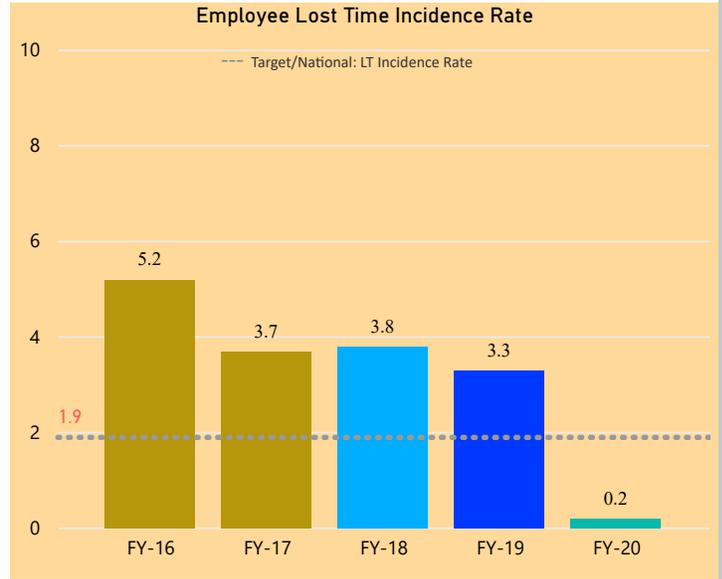
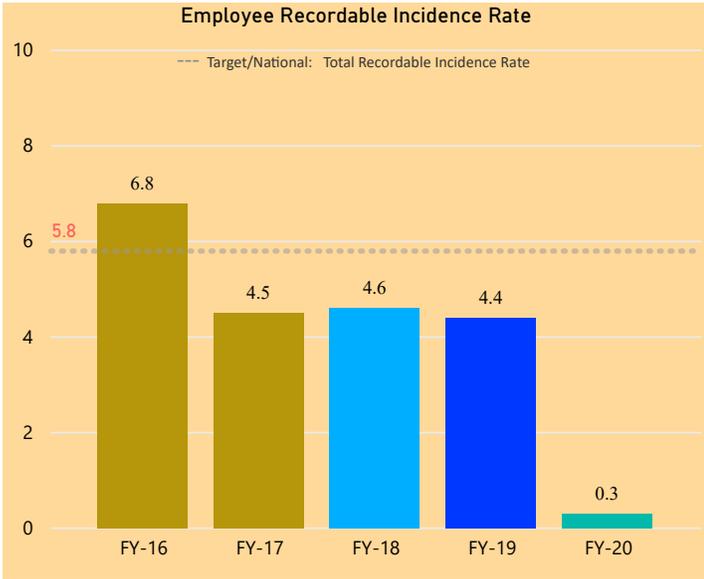


Recruitment Performance Metric - Current Fiscal Year



ADMINISTRATION

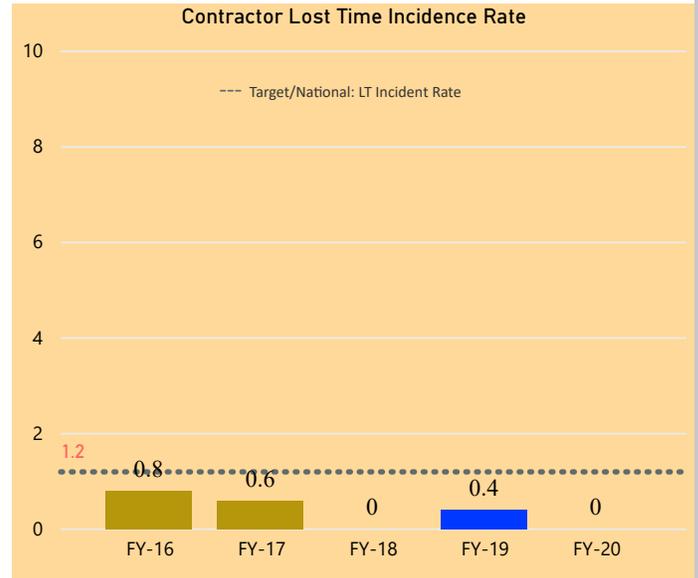
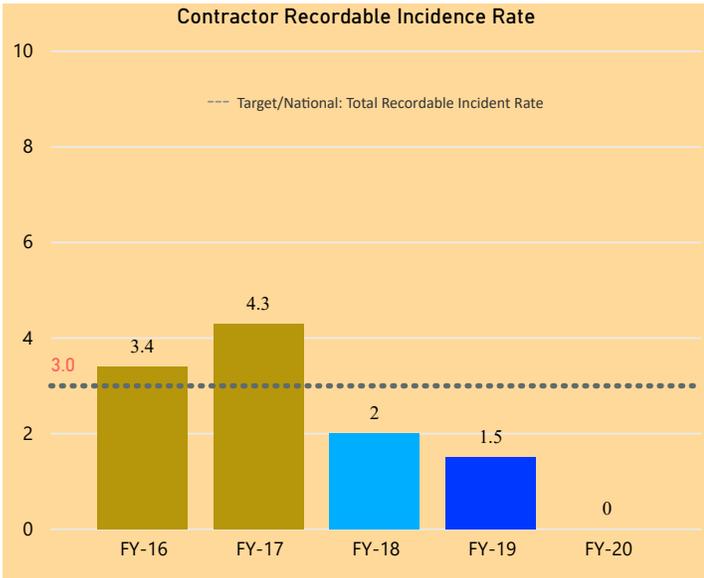
Safety



There have been 0.2 lost time incidents in FY 2020

ADMINISTRATION

Safety



There have been 0 lost time incidents in FY 2020

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

***	****
<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, □)

- 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

259th Meeting of the DC Water Board of Directors

Thursday, December 5, 2019

Joint-Use Contracts

Resolution No. 19-76 – Execute Contract No. 18-PR-DWT-38, Nutri-Blend Inc. The purpose of the contract is to purchase biosolids management services. The contract amount is \$2,000,000. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Resolution No. 19-77 – Execute Option Year One of Contract No. 18-PR-DFS-29, Clean Team Janitorial Service. The purpose of the option is to continue providing professional janitorial and cleaning services to be performed at multiple facilities throughout the Authority. The option amount is \$888,211.67. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Resolution No. 19-78 – Execute Contract No. 19-PR-DWS-29, Dynamic Concepts, Inc. (DCI). The purpose of the contract is to fill the Department of Water Services and the Department of Sewer Services need for underground utility locating and marking services. The contract amount is \$2,500,000. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Resolution No. 19-79 – Execute Contract No. 19-PR-DET-28, Alan Tye & Associates LLC. The purpose of the contract is for the supply, delivery, installation and two years parts and labor warranty for sixteen (16) vehicle lifts to be installed in the planned Fleet Maintenance Facility in Capitol Heights, Maryland. The contract amount is \$1,426,785. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Resolution No. 19-80 - Execute Contract No. 190070, HESS Construction & Engineering. The purpose of the contract is to construct a new Fleet Maintenance Facility at Walker Mill Road, Prince George's County, Maryland in accordance with agreement between DC Water and District of Columbia to relocate fleet operations from 125 O Street SE. The contract amount is \$17,800,000. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Resolution No. 19-81 - Execute Contract No. 190080, HESS Construction & Engineering. The purpose of the contract is to construct a new Sewer Services Facility at 3101 Ames Place, N.E., in accordance with agreement between DC Water and District of Columbia to relocate Sewer Service operations from 125 O Street SE. The contract amount is \$12,916,000. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Resolution No. 19-82 - Execute Contract No. 180070, Corman Kokosing Construction Company. The purpose of the contract is to provide design and construction of 660 linear feet of floodwall, Segment C at Blue Plains Advanced Wastewater Treatment Plant. This is the continuation of floodwall construction to protect Blue Plains from the 500-year flood. The contract amount is \$5,528,680. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Resolution No. 19-83 - Execute Supplemental Agreement No. 3 of Contract No. DCFA #450-WSA, Arcadis District of Columbia PC. The purpose of the supplemental agreement is to continue to provide construction management and related engineering services for the construction of a Tunnel Dewatering Pump Station and Enhanced Clarification Facility. Due to the Contractor continuing to work to complete the project, the construction management scope is extended through March 31, 2020. The supplemental agreement amount is \$2,763,491. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Non-Joint Use Contract

Resolution No. 19-84 – Execute Contract No. 160140, Anchor Construction Corporation. The purpose of the contract is to replace small diameter water mains that have experienced failures, have a history of low water pressure, or water quality issues across various locations in the District of Columbia. The contract amount is \$5,324,461. (Recommended by the Environmental Quality and Operations Committee 11/21/19)

Presented and Approved: December 5, 2019

SUBJECT: Approval to Execute Contract No. 18-PR-DWT-38, Nutri-Blend Inc.

**#19-76
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve Contract No. 18-PR-DWT-38, Nutri-Blend Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 18-PR-DWT-38, Nutri-Blend Inc. The purpose of the contract is to purchase biosolids management services. The contract amount is \$2,000,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT OPTION YEAR
BIOSOLIDS MANAGEMENT
(Joint Use)**

This contract action is to exercise option year 1 in the amount of \$2,000,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Nutri-Blend Inc. P.O. Box 38060 Richmond, VA 23231	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Year Contract Value:	\$2,000,000.00
No. Option Years:	2
Base Year Modification Value:	\$398,644.00
Base Year Modification Dates:	05-24-2019 – 12-31-2019
Option Year 1 Value:	\$2,000,000.00
Option Year 1 Dates:	01-01-2020 – 12-31-2020

Purpose of the Contract:

The purpose of this contract is to purchase biosolids management services. The contractor, Nutri-Blend, removes biosolids from the Dewatered Biosolids Loading Facility, and manages its disposition.

Contract Scope:

DC Water purchases biosolids management services under this contract. These services include: removing biosolids from the Dewatered Biosolids Loading Facility; transporting biosolids to designated agricultural applications such as farms, compost facilities, and reclamation sites in the mid-Atlantic region; managing nutrient loading as well as land permits; and submitting required reports to DC Water as well as other regulatory agencies.

Spending Previous year:

Cumulative Contract Value:	01-01-2019 to 12-31-2019: \$2,398,644.00
Cumulative Contract Spending:	01-01-2019 to 10-08-2019: \$1,879,222.00

Contractor's Past Performance:

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

No LBE/LSBE participation.

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Biosolids	Contract Number:	18-PR-DWT-38
Contractor Market:	Open Market with Preference Points for Local and Small Businesses		

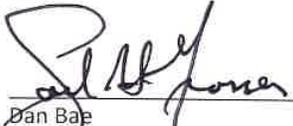
BUDGET INFORMATION

Funding:	Operating	Department:	Department of Resource Recovery
Service Area:	Blue Plains AWTP	Department Head:	Chris Peot

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	45.15%	\$903,000.00
Washington Suburban Sanitary Commission	39.61%	\$792,200.00
Fairfax County	9.76%	\$195,200.00
Loudoun Water	4.74%	\$94,800.00
Potomac Interceptor	0.74%	\$14,800.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$2,000,000.00

 / 11/7/19
 Akile Tesfaye Date
 VP of Wastewater Operations

 / 11/8/2019
 Dan Bae Date
 VP of Procurement and Compliance

FOR DAN BAE

 / 11/13/19
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

 / 11/21/19
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 5, 2019

SUBJECT: Approval to Execute Option Year One of Contract No. 18-PR-DFS-29, Clean Team Janitorial Service

**#19-77
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve Option Year One of Contract No. 18-PR-DFS-29, Clean Team Janitorial Service.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year One of Contract No. 18-PR-DFS-29, Clean Team Janitorial Service. The purpose of the option is to continue providing professional janitorial and cleaning services to be performed at multiple facilities throughout the Authority. The option amount is \$888,211.67.

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

**Janitorial Cleaning Service
(Joint Use)**

Approval to exercise Option Year One (1) for the Janitorial Services Contract in the amount of \$883,211.67.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Clean Team Janitorial Service 700 12th Street, NW, Suite 700 Washington, DC 20005 LSBE	SUBS: N/A	PARTICIPATION: 100%
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DESCRIPTION AND PURPOSE

Base Period Contract Value:	\$855,608.28
Original Contract Dates:	10-21-2018 – 10-20-2019
No. of Option Years in Contract:	2
Modification 1 Value:	\$0.00
Modification 1 Dates:	10-21-2019 – 12-31-2019
Option Year 1 Value:	\$883,211.67
Option Year 1 Dates:	01-01-2020 – 12-31-2020

Purpose of the Contract:

DC Water's Department of Facilities Services needs a contract to provide professional janitorial and cleaning services to be performed at multiple facilities throughout the Authority.

Contract Scope:

The contractor shall furnish the management, labor, materials, supplies, and equipment necessary to provide janitorial services for DC Water's working spaces located at Blue Plains, O Street Pumping Station, Bryant Street, Potomac Interceptor, Reno Pumping Station and DC Water's Headquarters.

The contractor is NOT responsible for cleaning the following areas: Mechanical equipment rooms, electrical distribution rooms and closets, telephone distribution rooms and closets, servers and data rooms and elevator equipment rooms.

Spending Previous Year:

Cumulative Contract Value:	10-21-2018 to 10-20-2019: \$855,608.28
Cumulative Contract Spending:	10-21-2018 to 10-15-2019: \$725,492.00

Contractor's Past Performance:

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

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	Award Based On:	Highest-Ranking Score
Commodity:	Janitorial Services	Contract Number:	18-PR-DFS-29
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

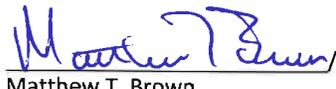
Funding:	Operating	Department:	Facilities Services
Project Area:	DC Water wide	Department Head:	Brent Chris

ESTIMATED USER SHARE INFORMATION

User – Operating (3410X00-54090)	Share %	Dollar Amount
District of Columbia	84.61%	\$747,285.39
Washington Suburban Sanitary Commission	11.11%	\$98,124.82
Fairfax County	2.74%	\$24,200.00
Loudoun Water	1.33%	\$11,746.72
Potomac Interceptor	0.21%	\$1,854.74
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$883,211.67

 11/12/2019
 Margeen Holman Date
 EVP of Administrative Services

 11/12/19
 Dan Bae Date
 VP of Procurement and Compliance

 11/13/19
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

 11/12/19
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 5, 2019
SUBJECT: Approval to Execute Contract No. 19-PR-DWS-29,
Dynamic Concepts, Inc. (DCI)

#19-78
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of __ () in favor and __ () opposed to approve Contract No. 19-PR-DWS-29, Dynamic Concepts, Inc.(DCI).

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 19-PR-DWS-29, Dynamic Concepts, Inc. (DCI). The purpose of the contract is to fill the Department of Water Services and the Department of Sewer Services need for underground utility locating and marking services. The contract amount is \$2,500,000 for the three year contract-term (1 year base plus 2 option years).

This Resolution is effective immediately.

Secretary to the Board of Directors

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

**ACTION REQUESTED
GOODS AND SERVICES CONTRACT AWARD**

Utility Locating and Marking Services

(Joint Use)

Approval to execute contract award for Utility Locating and Marking Services in the amount of \$2,500,000.00 for the three-year contract term (1-year base plus 2 option years).

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Dynamic Concepts, Inc. (DCI) 1730 17th Street, NE Washington, DC 20002 (LBE)	SUBS: N/A	PARTICIPATION: 100%
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$2,500,000.00
No. of Option Years:	2
Anticipated Contract Start Date:	04-01-2020
Anticipated Base Period Completion	03-31-2021
Proposals Received:	4
Proposal Price Range:	\$2,336,982.20 to \$4,834,082.50
Preference Points Received:	5

Purpose of the Contract:

The contract will fill the Department of Water Services' and the Department of Sewer Services' need for underground utility locating and marking services.

Contract Scope:

The scope of the contract includes the locating, identifying, and appropriately marking of underground assets prior to excavation work being performed by DC Water and other excavators.

Supplier Selection:

DC Water advertised an RFP for utility locating and marking services. The RFP was an open market procurement with preference points given for Local Business Enterprise (LBE) and Local Small Business Enterprise (LSBE) participation. Four proposals were received in response to the solicitation. The evaluation committee ranked Dynamic Concepts, Inc. the highest and most capable of meeting DC Water's requirements. Dynamic Concepts, Inc. received the highest total technical and price score.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Highest Rated Proposal
Commodity:	Goods and Services	Contract Number:	19-PR-DWS-29
Contractor Market:	Open Market with Preference Points for LBE and LSBE participation		

BUDGET INFORMATION

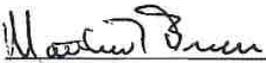
Funding:	Joint Use - Indirect - Operating	Department:	Sewer Services/Water Services,
Service Area:	DC Water Wide	Department Head:	Jason Hughes

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	45.15%	\$1,128,750.00
Washington Suburban Sanitary Commission	39.61%	\$990,250.00
Fairfax County	9.76%	\$244,000.00
Loudoun Water	4.74%	\$118,500.00
Other (PI)	0.74%	\$18,500.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$2,500,000.00


 Biju George
 Executive Vice President, Operations and Engineering
 Date 11/6/19


 Dan Bae
 VP of Procurement and Compliance
 Date 11/7/19


 Matthew T. Brown
 CFO and EVP of Finance and Procurement
 Date 11/12/19


 David L. Gadis
 CEO and General Manager
 Date 11/21/19

Presented and Approved: December 5, 2019
SUBJECT: Approval to Execute Contract No. 19-PR-DET-28, Alan Tye & Associates LLC

#19-79
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of __ () in favor and __ () opposed to approve Contract No. 19-PR-DET-28, Alan Tye & Associates LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 19-PR-DET-28, Alan Tye & Associates LLC. The purpose of the contract is for the supply, delivery, installation and two years parts and labor warranty for sixteen (16) vehicle lifts to be installed in the planned Fleet Maintenance Facility in Capitol Heights, Maryland. The contract amount is \$1,426,785.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

**ACTION REQUESTED
GOODS AND SERVICES CONTRACT AWARD**

**Heavy Duty Fleet Vehicle Lifts for New Fleet Maintenance Facility
(Joint Use)**

Approval to execute contract award for the purchase of sixteen (16) Fleet Vehicle Lifts for the planned Fleet Maintenance Facility in Capital Heights, MD in the amount of \$1,426,785.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Alan Tye & Associates LLC 9669-D Main St. Fairfax, VA 22031 (LSBE)	SUBS: N/A	PARTICIPATION: 100%
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,426,785.00
No. of Option Years:	0
Anticipated Contract Start Date:	1-20-2020
Anticipated Base Period Completion	12-18-2020
Proposals Received:	3
Proposal Price Range:	\$1,426,785.00 to \$1,595,217.00
Preference Points Received:	10

Purpose of the Contract:

A new Fleet Maintenance facility is planned to relocate the Department of Fleet Management to Capital Heights, MD. The contract will fill the Department of Fleet Management's need for the supply and installation of new Heavy-Duty Vehicle Lifts in the new facility capable of handling all of DC Water's vehicles.

Contract Scope:

The scope of the contract includes the supply, delivery, installation and two years parts and labor warranty for sixteen (16) vehicle lifts to be installed in the planned Fleet Maintenance Facility in Capitol Heights, MD.

Supplier Selection:

DC Water advertised an RFP for the purchase and installation of sixteen (16) vehicle lift consisting of four (4) different configurations of lifts. The RFP was an open market procurement with preference points given for Local Business Enterprise (LBE) and Local Small Business Enterprise (LSBE) participation. The RFP invitation was sent to 53 vendors. Three bids were received. Only two vendors quoted all four styles of lifts required. The evaluation committee ranked Alan Tye & Associates the highest and most capable of meeting DC Water's requirements. Alan Tye & Associates was the lowest bidder, quoting approximately 9% lower than Rotary Lifts.

Savings:

A cost avoidance of approximately \$214,000.00 or 15% will be achieved by DC Water contracting for the purchase of the Vehicle Lifts and avoiding the new facility's General Contractor's markup for purchasing the lifts for the new facility.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Highest Rated Proposal
Commodity:	Goods and Services	Contract Number:	19-PR-DET-28
Contractor Market:	Open Market with Preference Points for LBE and LSBE participation		

BUDGET INFORMATION

Funding:	Capital Project – HH-CAPM	Department:	Fleet Management
Service Area:	Non-Process Facilities	Department Head:	Tim Fitzgerald

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia*	100.00%	\$ 1,426,785.00
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun Water	0.00%	\$
Other (PI)	0.00%	\$
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,426,785.00

*In accordance with the Blue Plains Intermunicipal Agreement of 2012 a proposed user share is in development. The project cost will be allocated following IMA partner review and approval.

Sharon Parviz ^{for} *M. Holman*, 11/14/19
 Maureen Holman Date
 EVP of Administration

[Signature], 11.14.2019
 Dan Bae Date
 VP of Procurement and Compliance

FOR DAN BAE

Matthew T. Brown, 11/14/19
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

[Signature], 11/21/19
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 5, 2019
SUBJECT: Approval to Execute Contract No. 190070, HESS
Construction & Engineering

#19-80
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of __ () in favor and __ () opposed to approve Contract No. 190070, HESS Construction & Engineering.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 190070, HESS Construction & Engineering. The purpose of the contract is to construct a new Fleet Maintenance Facility at Walker Mill Road, Prince George's County, Maryland in accordance with agreement between DC Water and District of Columbia to relocate fleet operations from 125 O Street SE. The contract amount is \$17,800,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**CONSTRUCTION CONTRACT:
DC WATER FLEET MAINTENANCE FACILITY
(Joint Use)**

Approval to execute a construction contract for \$17,800,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
HESS Construction & Engineering Services, Inc 804 West Diamond Avenue Suite 200 Gaithersburg, MD 20818	C&H Mechanical Annapolis, MD	MBE 7.0%
	Ironshore Contracting Baltimore, MD	MBE 4.5%
	Matadi Construction Silver Spring MD	MBE 1.9%
	GeoTech Engineers Beltsville, MD	MBE 0.5%
	Paragon Chantilly VA	MBE 0.4%
	Jett Caulking Glen Burnie, MD	MBE 0.3%
	Debra's Glass Rockville, MD	WBE 2.7%
	Oelmann Electric Supply Lutherville, MD	WBE 1.3%
	Century Fence Construction Upper Marlboro, MD	WBE 1.1%
	Gryphon Tile Middletown, VA	WBE 0.4%
	Steel Products Rockville, MD	WBE 0.1%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$17,800,000.00
Contract Time:	330 Days (11 Months)
Anticipated Contract Start Date (NTP):	01-06-2020
Anticipated Contract Completion Date:	12-04-2020
Bid Opening Date:	09/18/2019
Bids Received:	3
Other Bids Received	
Dustin Construction	\$ 18,464,000.00
W.M. Schlosser	\$ 18,622,000.00

Purpose of the Contract:

To construct a new Fleet Maintenance Facility at Walker Mill Road, Prince George's County Maryland in accordance with agreement between DC Water and District of Columbia to relocate fleet operations from 125 O Street SE.

Contract Scope:

- To construct a new 26,200 square feet Fleet Maintenance Facility on 6.25-acre site on Walker Mill Road, Prince George's County Maryland. Of the 6.25 acres, approximately 3.51 will be

developed as part of the project for the building and site; remaining area is partly wet-lands and/or to be used for future needs.

- o The front elevation will be two-stories with parts storage area, locker-shower rooms, offices, and break room.
- o The rear of the building will feature 18 maintenance vehicle bays and attached wash bays, tool storage, tire storage and small parts storage. Vehicle bays will be fully equipped with automotive repair/maintenance systems and equipment.
- o The recessed floor pits and rough-ins for vehicle lifts will be included in the base contract, while the vehicle lifts will be furnished and installed under a separate contract.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	190070
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Engineering
Service Area:	Non-Process Facilities	Department Head:	Leonard R. Benson
Project:	HH		

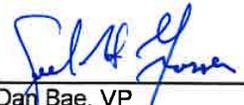
ESTIMATED USER SHARE INFORMATION

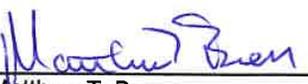
User	**Share %	Dollar Amount
District of Columbia*	100.00%	\$ 17,800,000.00
Federal Funds	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$ 17,800,000.00

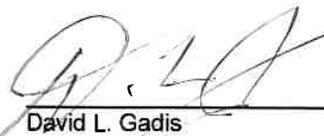
* \$13 million of the total contract will be paid to DC Water from District of Columbia following DC Water Board of Directors approval.

** In accordance with the Blue Plains Intermunicipal Agreement of 2012 a proposed user share is in development. Project costs beyond those covered by the District of Columbia Government will be allocated following IMA partner review and approval.


 _____, 11.14.19
 Leonard R. Benson Date
 SVP and Chief Engineer


 _____, 11.14.2019
 Dan Bae, VP Date
 Procurement and Compliance FOR DAC BAE


 _____, 11/14/19
 Matthew T. Brown Date
 CFO and EVP
 Finance and Procurement


 _____, 11/21/19
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 5, 2019
SUBJECT: Approval to Execute Contract No. 190080, HESS
Construction & Engineering

#19-81
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve Contract No. 190080, HESS Construction & Engineering.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 190080, HESS Construction & Engineering. The purpose of the contract is to construct a new Sewer Services Facility at 3101 Ames Place, N.E., in accordance with agreement between DC Water and District of Columbia to relocate Sewer Service operations from 125 O Street SE. The contract amount is \$12,916,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**CONSTRUCTION CONTRACT:
DC WATER SEWER SERVICE FACILITY
(Joint Use)**

Approval to execute a construction contract for \$12,916,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
HESS Construction & Engineering Services, Inc 804 West Diamond Avenue Suite 200 Gaithersburg, MD 20818	Celsue Construction Laurel, MD	MBE 8.7%
	WSI, Inc. Baltimore, MD	MBE 7.2%
	Matadi Construction Silver Spring MD	MBE 1.9%
	C&H Mechanical Insulation Annapolis, MD	MBE 1.5%
	JK Tile Hyattsville, MD	MBE 0.9%
	Paragon Chantilly VA	MBE 0.5%
	Century Service Upper Marlboro, MD	WBE 1.2%
	Steel Products Rockville, MD	WBE 0.8%
	Allegany Door Hyattsville, MD	WBE 0.5%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$12,916,000.00
Contract Time:	330 Days (11 Months)
Anticipated Contract Start Date (NTP):	01-06-2020
Anticipated Contract Completion Date:	12-04-2020
Bid Opening Date:	10-16-2019
Bids Received:	2
Other Bids Received	
W.M. Schlosser	\$ 12,922,000.00

Purpose of the Contract:

To construct a new Sewer Services Facility at 3101 Ames Place, NE, in accordance with agreement between DC Water and District of Columbia to relocate Sewer Service operations from 125 O Street SE.

Contract Scope:

- To construct new Sewer Service facilities on a 3.95-acre site at 3101 Ames Place NE, to include a new 9,000 square foot building, and support facilities including secured parking for 120 DC Water vehicles of various sizes.
 - The building will be a two-story structure with offices and training/meeting space on 2nd floor and lockers, showers and break room on first.
 - The site will also feature a one-story, 3,500 square foot pre-engineered metal building to house DC Water's vacuum trucks, and other items requiring indoor storage.

- o Open-air covered storage bins for fill dirt, sand, cold patch, etc., with concrete walls and metal roof; pipe rack storage facilities, security fencing around perimeter of site.

PROCUREMENT INFORMATION			
Contract Type:	Fixed Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	190080
Contractor Market:	Open Market		

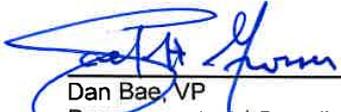
BUDGET INFORMATION			
Funding:	Capital	Department:	Engineering
Service Area:	Non-Process Facilities	Department Head:	Leonard R. Benson
Project:	HH		

*ESTIMATED USER SHARE INFORMATION		
User	**Share %	Dollar Amount
District of Columbia*	100.00%	\$12,916,000.00
Federal Funds	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$ 12,916,000.00

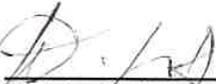
* \$10.5 million of the total contract will be paid to DC Water from District of Columbia following DC Water Board of Directors approval.

** In accordance with the Blue Plains Intermunicipal Agreement of 2012 a proposed user share is in development. Project costs beyond those covered by the District of Columbia Government will be allocated following IMA partner review and approval.


 Leonard R. Benson
 SVP and Chief Engineer
 Date 11.14.19


 Dan Bae, VP
 Procurement and Compliance
 Date 11.14.2019
 FOR DAN BAE


 Matthew T. Brown
 CFO and EVP
 Finance and Procurement
 Date 11/14/19


 David L. Gadis
 CEO and General Manager
 Date 11/21/19

Presented and Approved: December 5, 2019
SUBJECT: Approval to Execute Contract No. 180070, Corman
Kokosing Construction Company

#19-82
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve Contract No. 180070, Corman Kokosing Construction Company.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 180070, Corman Kokosing Construction Company. The purpose of the contract is to provide design and construction of 660 linear feet of floodwall, Segment C at Blue Plains Advanced Wastewater Treatment Plant. This is the continuation of floodwall construction to protect Blue Plains from the 500-year flood. The contract amount is \$5,528,680.

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

**DESIGN-BUILD CONTRACT
BLUE PLAINS FLOODWALL – SEGMENT C PROJECT
(Joint Use)**

Approval to execute a design-build contract for \$ 5,528,680.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Corman Kokosing Construction Company 12001 Guilford Road Annapolis Junction, MD 20701	Design:	
	MBE	\$ 207,000.00
	WBE	\$ 30,600.00
	Construction:	\$ 4,801,701.73
	MBE	\$ 1,536,593.45
	WBE	\$ 288,261.00
	MBE/WBE Total	\$2,062,454.45
	See Attachment A for List of Subs.	
		28.0%
		4.0%
		32.0%
		6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$ 5,528,680.00
 Contract Time: 593 Days (1 Year, 8 Months)
 Anticipated Contract Start Date (NTP): 01-13-2020
 Anticipated Contract Completion Date: 08-27-2021
 Technical and Price Proposals Received: 08-28-2019
 Other Teams Submitting Qualifications: 2
 CPP Construction Company, Inc.
 Northeast Remsco Construction, Inc

Purpose of the Contract:

Provide design and construction of 660 linear feet of floodwall, Segment C at Blue Plains Advanced Wastewater Treatment Plant. This is the continuation of floodwall construction to protect Blue Plains from the 500-year flood.

Contract Scope:

- Provide final siting and design of floodwall, approximately 660 linear feet, to elevation 17.2 feet (DC Datum).
- Develop and obtain permits for designed floodwall.
- Provide all materials and equipment together with the craft labor and supervision to construct the floodwall, with appropriate design submittals, construction, final documentation, and project closeout.

Federal Grant Status:

- Construction Contract is eligible for Federal grant funding assistance; inclusion in grant is pending availability of grant funds.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Best Value
Commodity:	Design and Construction	Contract Number:	180070
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Wastewater Engineering
Service Area:	Wastewater Treatment	Department Head :	David Parker (Acting)
Project:	JF		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	25.53%	\$ 1,411,653.10
Federal Funds	38.06%	\$ 2,104,000.00
Washington Suburban Sanitary Commission	28.40%	\$ 1,569,873.31
Fairfax County	5.19%	\$ 286,988.18
Loudoun County & Potomac Interceptor	2.82%	\$ 156,165.41
Total Estimated Dollar Amount	100.00%	\$ 5,528,680.00


 _____, 11.14.19
 Leonard R. Benson Date
 SVP and Chief Engineer


 _____, 11.14.2019 FER DAN BAE
 Dan Bae, VP Date
 Procurement & Compliance


 _____, 11/14/19
 Matthew T. Brown Date
 CFO and EVP
 Finance & Procurement


 _____, 11/21/19
 David L. Gadis Date
 CEO & General Manager

Presented and Approved: December 5, 2019

SUBJECT: Approval to Execute Supplemental Agreement No. 3 of Contract No. DCFA #450-WSA, Arcadis District of Columbia PC

**#19-83
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve Supplemental Agreement No. 3 of Contract No. DCFA #450-WSA, Arcadis District of Columbia PC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplemental Agreement No. 3 of Contract No. DCFA #450-WSA, Arcadis District of Columbia PC. The purpose of the supplemental agreement is to continue to provide construction management and related engineering services for the construction of a Tunnel Dewatering Pump Station and Enhanced Clarification Facility. Due to the Contractor continuing to work to complete the project, the construction management scope is extended through March 31, 2020. The supplemental agreement amount is \$2,763.491.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT:
Tunnel Dewatering Pump Station and Enhanced Clarification Facility - CM
(Joint Use)**

Approval to execute Supplemental Agreement No. 3 for \$2,763,491. The modification exceeds the General Manager's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Arcadis District of Columbia, PC 7550 Teague Road Suite 210 Hanover, MD 21076	Delon Hampton & Associates Washington, DC	MBE 17.4%
	Cube Root Corporation Washington, DC	MBE 9.3%
<u>Headquarters</u> Highlands Ranch, CO 80129	URS (AECOM) Washington, DC	7.6%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$20,698,656.00
Value of this Supplemental Agreement:	\$ 2,763,491.00
Cumulative SA Value, including this SA:	\$10,887,874.00
Current Contract Value, Including this SA:	\$31,586,530.00
Original Contract Time:	1,890 Days (5 Years, 2 Months)
Time extension, this SA:	321 Days
Total SA contract time extension:	501 Days (1 Years, 4 Months)
Contract Start Date:	08-28-2013
Contract Completion Date:	03-13-2020

Purpose of the Contract:

To provide onsite Construction Management Services for the Tunnel Dewatering Pump Station and Enhanced Clarification Facility (TDPS-ECF)

This work is required by Consent Decree.

Original Contract Scope:

- To provide construction management and related engineering services for the construction of a Tunnel Dewatering Pump Station and Enhanced Clarification Facility at the District of Columbia's Advanced Wastewater Treatment Plant at Blue Plains.

Previous Supplemental Agreement Scope:

- The scope remains the same as the original agreement; to provide construction management and related engineering services for the construction of a Tunnel Dewatering Pump Station and Enhanced Clarification Facility. Due to Contractor time extensions, the construction management scope was extended through April 28, 2019.

Current Supplemental Agreement Scope:

- To continue to provide construction management and related engineering services for the construction of a Tunnel Dewatering Pump Station and Enhanced Clarification Facility. Due to the Contractor continuing to work to complete the project, the construction management scope is extended through March 13, 2020.

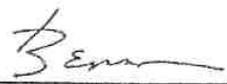
Future Supplemental Agreement Scope:

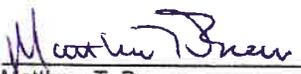
- No future supplemental agreement is anticipated at this time.

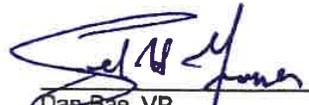
PROCUREMENT INFORMATION			
Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Services	Contract Number:	DCFA #450-WSA
Contractor Market:	Open Market		

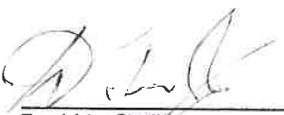
BUDGET INFORMATION			
Funding:	Capital	Department:	Wastewater Engineering
Service Area:	Wastewater	Department Head:	David Parker
Project:	E8		

ESTIMATED USER SHARE INFORMATION			
User	Share %	Dollar Amount	
District of Columbia	41.22%	\$ 1,139,110.99	
Federal Funds	0.00%	\$	
Washington Suburban Sanitary Commission	45.84%	\$ 1,266,784.27	
Fairfax County	8.38%	\$ 231,580.55	
Loudoun County & Potomac Interceptor	4.56%	\$ 126,015.19	
Total Estimated Dollar Amount	100.00%	\$ 2,763,491.00	


 _____, 11.14.19
 Leonard R. Benson Date
 SVP and Chief Engineer


 _____, 11/14/19
 Matthew T. Brown Date
 CFO and EVP
 Finance and Procurement


 _____, 11.14.2019 FOR DAN BAE
 Dan Bae, VP Date
 Procurement and Compliance


 _____, 11/21/19
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: December 5, 2019
SUBJECT: Approval to Execute Contract No. 160140, Anchor Construction Corporation

#19-84
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on December 5, 2019 upon consideration of a non-joint use matter, decided by a vote of __ () in favor and __ () opposed to approve Contract No. 160140, Anchor Construction Corporation.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 160140, Anchor Construction Corporation. The purpose of the contract is to replace small diameter water mains that have experienced failures, have a history of low water pressure, or water quality issues across various locations in the District of Columbia. The contract amount is \$5,324,461.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

CONSTRUCTION CONTRACT:

**Small Diameter Water Main Replacement 13B
(Non-Joint Use)**

Approval to execute a construction contract for \$5,324,461.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Anchor Construction Corporation 2254 25th Place, NE Washington, DC 20018	S & J Service Hyattsville, MD	MBE 29.2%
	J&M Trucking, Inc Bowie, MD	MBE 2.0%
	Kim Engineering, Inc Beltsville, MD	MBE 0.7%
	Keys Materials & Utilities, Inc Mount Airy, MD	WBE 5.3%
	Resource Industries, LLC Washington, DC	WBE 0.6%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$5,324,461.00
Contract Time:	289 Days (9 Months)
Anticipated Contract Start Date (NTP):	02-16-2020
Anticipated Contract Completion Date:	12-01-2020
Bid Opening Date:	10-02-2019
Bids Received:	4
Other Bids Received	
Sagres Construction Corporation	\$5,662,705.00
Capitol Paving of DC, Inc	\$5,909,958.00
Fort Myer Construction Corporation	\$7,187,733.00

Purpose of the Contract:

Replacement of small diameter water mains that have experienced failures, or have a history of low water pressure, or water quality issues across various locations in the District of Columbia.

Contract Scope:

- Replace 1.54 miles of water mains ranging from six inch to twelve inches, associated valves and appurtenances.
- Install copper water services 2-inch and smaller in public and private space.
- Install curb stop/ curb stop box, meter box and penetration through building wall and connection to first fitting inside the building including installation of a shut-off valve and pressure reducing valve.
- Install permanent pavement and provide surface restoration.

Federal Grant Status:

- Construction contract is funded in part by Federal grant.

PROCUREMENT INFORMATION

Contract Type:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	160140
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water	Department Head:	Craig Fricke
Project:	F1, BW		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	20.00%	\$1,064,892.20
Federal Funds	80.00%	\$4,259,568.80
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun County & Potomac Interceptor	0.00%	\$0.00
Total Estimated Dollar Amount	100.00%	\$5,324,461.00

Leonard R. Benson _____ November 6, 2019
 Leonard R. Benson Date
 SVP and Chief Engineer

Dan Bae _____ November 6, 2019
 Dan Bae, VP Date
 Procurement and Compliance

Matthew T. Brown _____ November 6, 2019
 Matthew T. Brown Date
 CFO and EVP
 Finance and Procurement

David L. Gadis _____ 11/21/19
 David L. Gadis Date
 CEO and General Manager