



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
244th MEETING OF THE BOARD OF DIRECTORS
Thursday, July 5, 2018
9:30 a.m.
5000 Overlook Avenue, SW
Room 407**

- I. **Call to Order (Chairman Tommy Wells)**
- II. **Roll Call (Linda Manley, Board Secretary)**
- III. **Approval of June 7, 2018 Minutes**
- IV. **Chairman's Overview**
- V. **Committee Reports**
 1. **Environmental Quality and Operations (Howard Gibbs)**
 2. **DC Retail Water and Sewer Rates Committee (Kendrick Curry)**
 3. **Joint Meeting of DC Retail Water and Sewer Rates and Finance and Budget Committee (Timothy Firestine)**
 4. **Finance and Budget Committee (Timothy Firestine)**
- VI. **Issues of General Interest**
- VII. **CEO/General Manager's Report (David Gadis)**
- VIII. **Summary of Contracts (FYI)**
- IX. **Consent Items (Joint Use)**
 1. **Approval to Execute Contract No. DCFA #493-WSA, Greeley and Hansen LLC – Resolution No. 18-49 (Recommended by the Environmental Quality and Operations Committee 06/21/18)**
 2. **Approval to Execute Contract No. DCFA #494-WSA, Whitman Requardt & Associates, LLP. – Resolution No. 18-50 (Recommended by the Environmental Quality and Operations Committee 06/21/18)**
 3. **Approval of Additional Funds for Contract No. 16-PR-HCM-44-AC, MB Staffing Services LLC – Resolution No. 18-51 (Recommended by the Environmental Quality and Operations Committee 06/21/18)**

X. Consent Items Non-Joint Use

1. [Approval to Execute Change Order No. 01 of Contract No. 160010, Fort Myer Construction Corporation – Resolution No. 18-52](#) (Recommended by Environmental Quality and Operations Committee 06/21/18)
2. [Approval to Execute Contract No. 170120, Sagres Construction Corp – Resolution No. 18-53](#) (Recommended by Environmental Quality and Operations Committee 06/21/18)
3. [Approval to Execute Contract No. 160020, Capital Paving of D.C., Inc. – Resolution No. 18-54](#) (Recommended by Environmental Quality and Operations Committee 06/21/18)
4. [Approval to Exercise Option Year Two of Contract No. 16-PR-DSS-32, Rodgers Brothers Custodial Service, Inc. – Resolution No. 18-55](#) (Recommended by Environmental Quality and Operations Committee 06/21/18)
5. [Approval of Proposed FY 2019 & FY 2020 Metered Water and Sewer Service Rates, Right-of-Way \(ROW\), Payment-in-Lieu of Taxes \(PILOT\) Fee, and Clean Rivers Impervious Area Charge \(CRIAC\) – Resolution No. 18-56](#) (Recommended by the DC Retail Water and Sewer Rates Committee 06/26/18)

XI. Executive Session – To discuss legal, confidential and privileged matters pursuant to Section 2-575(b) of the D.C. Official Code¹

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)(1); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4); 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); 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

- Governance Committee - Wednesday, July 11th @ 9:00 a.m. **(CANCELLED)**
- Human Resource and Labor Relations Committee – Wednesday, July 11th @ 11:00 a.m.
- Environmental Quality and Operations Committee – Thursday, July 19th @ 9:30 a.m.
- DC Retail Water and Sewer Rates Committee – Tuesday, July 24th @ 9:30 a.m.
- Audit Committee – Thursday, July 26th @ 9:30 a.m.
- Finance and Budget Committee – Thursday, Jul 26th @ 11:00 a.m.



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Meeting**

Thursday, June 21, 2018

9:30 a.m.

MEETING SUMMARY

Committee Members

Howard Gibbs, Vice Chairperson
Anthony Giancola
Ivan Frishberg
David Franco

DC Water Staff Present

David Gadis, GM/CEO (via telephone)
Henderson Brown, General Counsel
Linda Manley, Secretary to the Board
Leonard Benson, Chief Engineer

I. CALL TO ORDER

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

II. PATH TO ASSET MANAGEMENT – COST OF PROACTIVE ACTION VS REACTIVE ACTION

Mr. Len Benson, Chief Engineer, DC Water, gave a presentation on the “Cost of Proactive Action vs. Reactive Action”. Mr. Benson reiterated the ‘Path to Asset Management’ Work Plan schedule and the topics to be addressed in the upcoming months.

He stated the objective of the presentation as intending to demonstrate the value of a proactive approach to asset management. The definitions of Reactive and Proactive as it relates to Asset Management were also stated.

Two of the industry research tools that were used in the analyses were the Water Research Foundation (WRF) Report #4451, Managing Infrastructure Risk: The Consequence of Failure for Buried Assets (2017) and WERF SIMPLE (Sustainable Infrastructure Management Program Learning Environment) (2009).

For the analyses presented today, the Triple Bottom Line (TBL) costs were calculated using WERF’s SIMPLE tool. Reactive Direct DC Water costs were calculated from actual expenses for emergency repairs and estimated for Proactive Direct costs. Social and/or environmental impacts (traffic impact, impact to businesses, reputation impact & environmental impact) were monetized by using information from the Bureau of Labor & Statistics and US EPA, District Department of Transportation (DDOT), WRF #4451 Report and WERF’s SIMPLE Financial Model.

The Committee inquired if, in a water main break emergency, the Direct Costs to DC Water would also include the cost of the water loss. Mr. Benson replied that it would if the break was of a large scale. The Committee also inquired if the methodology enables the adjustment of the weights assigned to social impacts scores as needed/required. Mr. Benson replied in the affirmative.

Mr. Benson stated that six (6) case studies were used to compare Reactive vs. Proactive approaches to investments in infrastructure. Selected case studies for linear assets were:

- 14th and F St, Northwest, sinkhole (large diameter sewer)
 - May 2013 collapse of 54-inch brick combined sewer;
 - No recorded sewage release;
 - Closed arterial road for 9 days;
 - 13 businesses impacted;
 - Extensive media coverage
 - Reactive direct costs were 8.7 times that of Proactive TBL costs

The Committee inquired if more details could be provided regarding the assumptions behind the traffic delay costs factored in the TBL analysis. Mr. Benson replied that he could discuss those assumptions with the Committee offline.

- 16th and Whittier (small diameter sewer)
 - Minor sewer leak in environmentally sensitive area;
 - Leak was repaired with clamp and five (5) feet of stream bank needed stabilization;
 - Socio-economic impacts from sewage release were minimal (i.e., no traffic or business impacts, no media coverage)
 - Reactive direct costs were 9.4 times that of Proactive direct costs.

The Committee commented that the recommended, routine inspection of these assets located in creek beds may create job opportunities for low-skilled workers. Mr. Benson agreed and stated that DC Water would assess implementation of the suggestion as there are approximately forty (40) other sewers near, at, or crossing creek beds in the southeast and northwest quadrants of the District.

Mr. Benson summarized the result of the case studies to the Committee.

III. DCCR PRGORAM MANAGEMENT FOR PROFESSIONAL ENGINEERING SERVICES

Mr. Carlton Ray, Director, DC Clean Rivers Project (DCCR), began his presentation by summarizing the remaining work to be completed.

Mr. Ray stated that the DCCR's program implementation model was one where DC Water staff were augmented by retaining Program Consultants to provide specialized services necessary to plan, design and manage construction activities. This approach allowed DC Water to adjust the level of consultant staff on a yearly basis as the needs of the program changed. Some of the services assigned to DCCR Program Management consultants include:

- Administration
- Operational plan & hydraulic design

- Establishing design guidelines for tunnel and Green Infrastructure (GI)
- ROW and easement acquisition
- Environmental data and baseline reports
- Financial planning, budget development
- Design consultants & construction managers monitoring and quality control
- NEPA documentation
- Regulatory/permitting assistance
- ...etc.

Mr. Ray noted several cost saving scope of work changes for this program management contract as compared to a 'standard program management approach. For example, construction management work in the early phases of the project, and later towards the completion of the construction phase will be performed by the program management staff. This will enable significant cost savings associated with a later start and earlier completion of the construction management contracts.

Next, Mr. Ray highlighted some of the innovations from the DCCR program and their derived benefits.

In conclusion, Mr. Ray stated that after a due diligence evaluation of qualifications, Greeley & Hansen, LLC was selected by DC Water to provide professional architectural and engineering services for managing multiple planning, design, procurement, contracting, construction management, execution and oversight functions of the DCCR project that complies with all the requirements of the amended Consent Decree and the NPDES permit.

IV. ACTION ITEMS

JOINT USE

1. Contract No. 16-PR-HCM-AC – Temporary Personnel Services, MB Staffing
2. Contract No. DCFA #493 – Program Management for Professional Engineering Services, Greely & Hansen LLC.
3. Contract No. DCFA #494 – Water, Sewer & Wastewater Treatment Facilities BOA #7, Whitman, Requardt & Associates, LLP.

Mr. Len Benson, Chief Engineer, DC Water presented joint use Action Items 2 and 3. Mr. John Bosley, Chief Procurement Officer, DC Water presented joint use Action Item 1.

The engineering services contract may be funded in part by congressional appropriations, if additional funding becomes available.

The Committee recommended all joint use Action Items to the full Board.

NON-JOINT USE

1. Contract No. 16-PR-DSS-32 Hauling & Disposal of Excavation Spoils and Debris, Rodgers Brothers Custodial Service Inc.
2. Contract No. 160020 – Small Diameter Water Main Replacement 13A, Capital Paving of D.C., Inc.
3. Contract No. 170120 – Small Diameter Water Main Replacement 12b2, Sagres

- Construction Corp
4. Contract No. 160010 – Water Main Infrastructure & Replacement, Fort Myer Construction Corporation

Mr. John Bosley, Chief Procurement Officer, DC Water, presented non-joint use Action Items 1. Mr. Len Benson, Chief Engineer, DC Water presented Action Items 2 to 4.

Construction contracts are eligible for federal grant funding assistance, pending availability.

The Committee recommended all non-joint use Action Items to the full Board.

V. AWTP STATUS UPDATES

1. BPAWTP Performance

Mr. Aklile Tesfaye, Assistant General Manager for Wastewater Treatment reported on the performance of the Blue Plains Advanced Wastewater Treatment Plant (AWTP), by exception. Mr. Tesfaye stated that all performance parameters were excellent and all permit requirements were met.

Mr. Tesfaye stated that the wet weather event that occurred during May 12-19, 2018 resulted in peak flows through complete treatment exceeding 630 MGD. The plant's performance was excellent and the event had minimal impact on the quality of the effluent discharge through the complete treatment outfall.

DC Water's first agreement for the sale of Tier 1 Renewable Energy Certificates (REC) was executed and a check for \$290,410 was received on Jun 5, 2018. The REC was earned for the gross megawatt hours (MWH) generated during the 2017 calendar year, by the Combined Heat and Power Facility, using digester gas. Mr. Tesfaye also highlighted that Bloom sales as of June 1st totaled 6,957 tons for the calendar year. The Bloom team also achieved in May, the first bagged material to be placed in a store in the District of Columbia, in partnership with Homestead Gardens.

The Committee inquired as to how much of the Bloom that was produced was sold. Mr. Tesfaye replied that the 6,957 tons represented less than 5% of the total annual production: DC Water produces approximately 165,000 tons annually.

VI. WATER QUALITY MONITORING

Mr. Charles Kiely, Assistant General Manager for Customer Care and Operations, gave a brief update regarding water quality monitoring activities. All tests showed the water distribution system to be performing exceptionally well.

VII. FIRE HYDRANT UPGRADE PROGRAM

Ms. Marlee Franzen, Manager, Water Distribution, gave a brief update on the status of public

fire hydrants in the District of Columbia. She stated that of the approximately 9,868 public service hydrants, 48 were out of service as of June 04, 2018. Of the 48 that are currently not operational, 28 were operationally defective while 20 were out of service because of either nearby water main repairs, non-DC Water construction activities or other hydrant obstructions.

VIII. OTHER BUSINESS/ EMERGING ISSUES

Mr. Benson and Mr. Kiely updated the Committee on a recent sinkhole discovered atop the Anacostia Force Main (AFM), a 6-mile long, 108-inch diameter, Pre-stressed Concrete Cylinder Pipe (PCCP) on June 13, 2018. The damaged section of the pipe is approximately 8 feet in length and 2 to 3 feet wide from the 1 o'clock to the 3 o'clock position. Mr. Benson stated that the likely cause of the pipe damage was internal corrosion caused by Hydrogen Sulfide (H₂S) gas. DC Water has erected a berm around the excavation site to contain any potential spills during high flows. Structural Technologies, Inc., has been procured by DC Water to design and implement a temporary repair of the pipeline. Engineering will immediately began planning a condition assessment of the entire six-mile length of this sewer. The sewer was put into service in 1994.

IX. ADJOURNMENT

Meeting adjourned at 12:06 p.m.

Follow-up Items

1. Chief Engineer, DC Water: Provide the Committee with more details regarding the assumptions behind the traffic delay costs factored in the TBL analysis.



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

DC Retail Water and Sewer Rates Committee

Tuesday, June 26, 2018

9:30 a.m.

MEETING MINUTES

Committee Members in Attendance

Rachna Bhatt, Chairperson
Rev. Kendrick Curry
Howard Gibbs
Ellen Boardman
Ivan Frishberg
Krystal Brumfield
Anthony Giancola

Via Telephone

David Franco

DC Water Staff

David Gadis, CEO & General Manager
Matthew Brown, Chief Financial Officer
Meena Gowda, Deputy General Counsel
Linda Manley, Secretary to the Board

Via Telephone

Henderson Brown, General Counsel

Call to Order

Chairperson Rachna Bhatt convened the meeting at 9:35 a.m.

FY 2019 & FY 2020 Rate Proposal (Attachment A)

Mr. Brown provided an overview of the FY2019 and FY2020 rate proposal. He stated that this is the final step of the FY 2019 budget process and management will ask the Committee to recommend the proposed rates to the full Board on July 5, 2018. He noted that these are the rates that support the FY 2019 operating and capital budgets that the Board considered and adopted on March 1, 2018. He mentioned that DC Water faces the twin challenges of: 1) affordability to ensure rates are affordable for low-income rate payers, and 2) making investments in our infrastructure. He stated that with regard to affordability this budget continues to provide the CAP discount of 58 percent for water, sewer, the Water System Replacement Fee (WSRF), half of the Clean Rivers Impervious Area Charge (CRIAC) and the District Fees to those low-income customers who qualify for Low Income Home Energy Assistance Program (LIHEAP). He mentioned that there are ongoing conversations with the City to increase the number of households who are eligible for discounts. He stated that with regard to investments in infrastructure the Committees will continue to explore investments in our infrastructure assets and soon this Committee and the Finance and Budget Committee will receive presentations on what those infrastructure/asset management plans might cost. Mr. Brown informed the Committee that this is the second cycle of two year rate proposals and covers FY 2019 and FY 2020. The proposed water and sewer rate increases are 13 percent for FY 2019 and 5 percent for FY 2020. The CRIAC decreases from projected \$28.41 in FY 2019 to \$23.00 per ERU per month. The CRIAC for FY 2020 will be \$25.58. The

Customer Metering Fee and WSRF will remain the same as in FY 2018. The combined rate increases for the average residential household customer will be at 5.9 percent, which is down from what was previously projected at 6.1 percent.

Mr. Brown provided an overview of the projected revenues for FY 2019 and FY 2020 by customer category. He explained the revenue comparison by customer class and stated that total revenues are projected to increase by \$23.0 million for FY 2019 or 3.7 percent and by \$36.3 million for FY 2020 or 5.6 percent. Mr. Brown stated that every three years we perform a cost of service study to ensure that rates reflect the appropriate costs to be recovered. This year's study showed that there was more debt service for sewer activities than previously projected. While total debt service costs have not changed significantly from the previous forecasts, the debt service associated with the Clean Rivers program are less than previously forecasted. The revenue collected for the Water System Replacement Fee (WSRF) is fully allocated to the Water Utility's revenue requirements, resulting in a decrease to water volumetric charges. There is a 13 percent increase in the water and sewer rates that accurately reflects the debt service costs.

Mr. Brown summarized the proposed FY 2019 and FY 2020 rates, charges and fees. In FY 2019, the CRIAC will decrease by \$2.18 or 8.7 percent whereas the sewer rate will increase by 29.2 percent because of the allocation of costs. The average household customer will see an increase on their bill of about 5.9 percent which is lower than the 6.1 percent forecasted last year.

Mr. Brown mentioned that the low-income CAP customer would see an average bill of \$45.16 in FY 2019 and \$47.79 in FY 2020, which includes a substantial discount of 58 percent. Mr. Giancola inquired how many customers take advantage of CAP, what is the potential number of customers that may be eligible and what is DC Water doing to increase the CAP numbers. Mr. Brown replied that in FY 2017 there was a total of 4,244 participants, of which 3,136 were new customers and 1,108 rolled over from the previous year. In order to meet eligibility requirements, participants must apply every year. The DC Water is working with Department of Energy and Environment (DOEE) to identify additional low-income customers who are eligible for CAP program. The Department of Energy and Environment (DOEE) has identified an additional 399 customers who are eligible for CAP program.

Mr. Brown briefed the Committee on the public outreach and comments. He stated that the Committee heard the majority of the public comments received in response to the Notice of Proposed Rulemaking at the May 9, 2018 public hearing. There were two additional comments that were provided in writing. One comment was from the District of Columbia Hospital Association concerned about rising water bills and the percent of District government fees on the bills. The other comment was an email follow-up from an individual who testified at the public hearing and had some concerns about few transcription errors related to her remarks. She also expressed her concerns about the rate consultant's presentation.

Mr. Brown briefly updated the Committee on the public comments received throughout the proposed rulemaking process. One comment suggested to consider the impact of higher rates and fees on low-income seniors. He mentioned that there are ongoing discussions with the District as to how we might expand the CAP program for households that include seniors. Another comment asked to provide CRIAC charges exemptions for churches and cemeteries. He mentioned that this is one area that the District is working on legislation that the Council will pass today to create a program for non-profits to be administered by the city to determine eligibility and then forward DC Water the names and discounts to be provided and that will be fully funded by the city. Chairperson Bhatt asked if the LIHEAP program take into account only income or does it take into account net worth. Mr. Brown responded that LIHEAP takes into account income and household size. Mr. Brown stated that he learned that Philadelphia provides a low-income program for seniors with a 25 percent discount off their water bill but as he understands there is an income cap of approximately \$35,000. Reverend Dr. Curry asked how many low-income seniors are a part of the rate paying population in the District. Mr. Brown replied this is one of the challenges that we have had in conversations with the District on various proposals. He stated that DC Water has 104,000 residential customers. There is an economist that has done some work for DC Water to try to help better

estimate the number of people who might qualify for various income programs. It is very difficult to find this information and project how many of our customers fit into various income categories and household sizes.

Mr. Brown mentioned that the recommendation from this Committee is to move the approval of proposed FY 2019 & FY 2020 retail rates, charges and fees to the full Board.

Action Item (Attachment B)

Chairperson Bhatt asked the Committee to move action item 1 to the full Board. The Committee made a motion to move action item 1 to the full Board.

- Approval of Proposed FY 2019 & FY 2020 Retail Rates, Charges and Fees (Action Item 1)

DC Retail Water and Sewer Rates Committee Workplan (Attachment C)

Mr. Brown gave a brief update on the Committee workplan.

Agenda for July 24, 2018 Committee Meeting (Attachment D)

There was no discussion on the July 24, 2018 DC Retail Water and Sewer Rates Committee meeting agenda.

Other Business

No other business

Executive Session

There was no executive session.

Adjournment

The meeting was adjourned at 10:05 a.m.

FOLLOW-UP ITEMS – DC Retail Water and Sewer Rates Committee Meeting (June 26, 2018)

There were no follow-up items



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

**Joint Meeting of the DC Retail Water & Sewer
Rates and Finance & Budget Committees**

Thursday, June 26, 2018

10:30 a.m.

MEETING MINUTES

Committee Members

Timothy Firestine, Committee Chairperson
Rachna Butani Bhatt, Committee Chairperson
Ellen Boardman
Krystal Brumfield
Anthony Giancola
Howard Gibbs
Ivan Frishberg
Rev. Kendrick Curry
Ellen Boardman

Committee Members (via conference call)

David Franco
Jed Ross

DC Water Staff

David Gadis, CEO & General Manager
Matthew T. Brown, Chief Financial Officer
Meena Gowda, Deputy General Counsel
Charles Kiely, AGM, Customer Care & Operations
Linda Manley, Board Secretary

Other Presenters and Guests (via Skype)

Kelly Daley, Impaq International
Jacob Benus, Impaq International

DC Water Staff (via conference call)

Henderson Brown, General Counsel

Call to Order

Committee Chairperson Timothy Firestine called the meeting to order at 10:30 a.m.

FY 2018 Financial Forecast Update

Matthew Brown, CFO, provided an update on the FY 2018 operating revenues, operating expenditures and capital disbursement forecasts. He noted that the preliminary forecasts, based on high and low ranges, were previously provided to the Finance and Budget Committee in May pending further analysis of the year-end revenue and cash position forecasts. The previously reported lag in revenues was due to the delayed billing resulting from the implementation of the new Customer Information System (eCIS).

The updated FY 2018 revenue forecast of \$626.4 million is slightly ahead of the previous forecast, and will be slightly above budget by approximately \$6 million, or 101 percent. Operating expenditures forecast of \$556.7 million will be close to budget at about 99 percent, and capital disbursements will be over budget at \$480 million, or 107 percent.

CFO Brown reported that the residential, commercial and multifamily billing has improved, \$20 million was billed and cash collections are incoming. The expectation is that at year end, there will be a minor variance in residential, commercial and multifamily billings. The Federal, District Government, and other revenue categories will be ahead of budget at about one percent. There is a positive variance in wholesale revenue due to the FY 2017 Multi-Jurisdictional Use Facilities (MJUF) billing which was not contemplated when the budget was developed.

Next, CFO Brown reported that the updated operating expenditure forecast is in the mid-range of the previous forecast, and includes a reduction in Cash Financed Capital Improvements (CFCI) to ensure that overall operating expenditures are within the Board-approved level. The unfavorable position of \$9.9 million in personnel services costs is due to the increased overtime for emergency work, Board-approved contract for union staff, and other associated salary adjustments. He reported that chemicals and supplies expenditures are ahead of the budget, with methanol and sodium bisulfate as the two major chemicals experiencing price pressures. Other areas of the budget for contractual services, water purchases, utilities and small equipment expenditures are projected to be under budget by year end. Mr. Brown noted that total operations and maintenance (O&M) expenditures forecast before debt service cost, CFCI, PILOT and ROW will be slightly over budget at \$3.2 million. The adjustment of \$3.7 million to CFCI is to offset the areas of overspending and to ensure that the overall operating budget expenditure does not exceed the Board approved budget. In response to Mr. Firestine's inquiry, CFO Brown explained that the lower capital labor charges forecast of \$17 million is based on what can be charged to the capital projects and that this has also been adjusted in the FY 2019 budget.

CFO Brown reported that the updated capital disbursements will be over budget by a net of \$30 million for the overall capital program, after factoring in capital equipment and the Washington Aqueduct contribution. This forecast includes projected overspending of \$33 million for capital projects as previously discussed with the Environmental Quality & Operations Committee by the Engineering Department. Committee member Anthony Giancola inquired about the overspending in the capital program, if this is due to change orders or major storm water projects and how this compares to historical capital spending. Mr. Brown noted that Mr. Benson can provide detailed information, and that other contributing factors include the forecasting and timing of major projects. Regarding the historical performance, CFO Brown informed the Committee that the capital program was over budget by \$38 million in FY 2017.

CFO Brown reviewed the updated forecast for the net operating cash surplus of \$18 million. He explained that the financial plan assumed refund of \$7 million to the jurisdictions consistent with historical trends. Instead, due to additional payments for MJUF and other settlement issues, DC Water will be receiving \$4.8 million from the jurisdictions, resulting in a variance of \$11.8 million. The projected surplus of \$18 million is above the operating reserve requirement of \$125 million per the Board policy, and management target of \$140 million. Mr. Brown informed the committee that management recommendation will be provided in July and that he plans to recommend using the \$18 million cash surplus and applying it to the \$30 million overage in the Capital program, to avoid drawing down quickly on debt proceeds. He further explained that some of the \$30 million overage includes programs with participation by jurisdictional partners, estimated at about \$8 million, that would offset some of the overage, but the cash will not be received until the next fiscal year.

Customer Survey Presentation

Dr. Kelly Daley, Impaq International, presented (via Skype) an extensive review of the “Key Findings from the DC Water Customer Satisfaction Study.” Reverend Curry, Committee member, inquired about the sample size for the study. Dr. Daley responded that out of 6,589 bill paying customers randomly selected, the completed number of surveys returned was 1,017 or approximately 15 percent. She explained that the level of satisfaction varied by ward, and that the results indicate an overall satisfaction rate of 71 percent, with multi-family slightly lower at 66 percent.

Chairperson Rachna Bhatt asked how this survey compared to DC Water’s last survey as it relates to historical trends. Dr. Daley responded that the surveys were not compared, and the sample design for this survey was different and more robust. Mr. Charles Kiely, Assistant GM for Customer Service, further explained that some of the criteria established for this survey was in direct response from prior committee members. He noted that it reached more customers across each ward, and the prior grade results were B minus to C plus. He also noted that this is a preliminary report, and the final report will have comparative data to prior year studies.

Next, Dr. Daley reviewed details of the study and the following overall satisfaction ranking as it relates to value, perception, service, staffing, communication, billing, water quality, and permit applications:

- Value - 72% of respondents agree that DC Water is an excellent value for the money; 60% are not willing to pay more to improve the quality of services, which creates a future satisfaction risk based on forecasted price increases
- Perception - 87% agree that DC Water efficiently delivers services; 75% agree that DC Water cares about its customers; 85% agree that DC Water responds to emergencies quickly
- Service, Staffing & Communication – 82% satisfied with the reliability of services, 71% with services compared to other utilities and 70% with staff responsiveness to questions
- Billing – less than 68% are satisfaction with the accuracy of the bill, more than 82% are satisfied with the timeliness and convenience of paying the bills
- Water Quality – 65% are satisfied with the water quality, 29% of multi-family & 16% residential were neutral with the taste of the drinking water (and informed of occasional foul smell)
- Permit Application – 49% are satisfied with the ease of permit applications for building or installation of new connections

Dr. Daley also provided an extensive review of the discussions and suggestions from the focus groups. These include improve communication with the community on projects; provide pre-engineering, water conservation/processing and offer courses in the schools; provide assurances that DC Water is using the fees appropriately and related impacts; provide clearer information on how bills are calculated; and explore the use of door tags as effective communication tool.

Committee member Ivan Frishberg inquired about the water quality findings given the recent national issues on drinking water in schools. Ms. Daley responded that complaints about water quality in schools was not an issue for the focus group discussions in this study. However, some other research undertaken outside of DC Water’s study indicates there are water quality issues, particularly with lead, and this is generally an issues with school facilities. Mr. Kiely explained that the Environmental Quality and Operations Committee will receive a briefing about the plans regarding lead in water.

Regarding the results for the permit applications, Mr. Howard Gibbs asked how many of the respondents surveyed actually obtained a permit since this is not done by a typical customer. Mr. Jacob Benus explained that at least 40 to 50 percent of the customers surveyed were neither aware nor used the application permit process. Committee member Jed Ross further noted that the people that use the permit applications process are typically developers and construction companies and not necessarily District residents. Hence, the study should have targeted the developers that use the permit application process.

Next, Dr. Daley discussed the recommendations and next steps which include: understand and manage expectations for future rate increases; increase communication regarding DC Water programs; conduct regular pipe maintenance in properties serving multi-family units; and continue to conduct satisfaction survey and customer focus groups every other year. Mr. Kiely stated that the customer satisfaction survey is one of the requirements of the Board Strategic Plan and that the full report on the study is being finalized and will be distributed to the Committees.

Allocation from the Rate Stabilization Fund

Matthew Brown, CFO provided an overview on the allocation of \$6 million from the Rate Stabilization Fund. He mentioned that there will be a recommendation in the Finance and Budget Committee meeting for a one-time allocation of \$6 million from the Rate Stabilization Fund in FY 2019 for rate relief. He stated that in the spring, the Mayor allocated \$6.0 million in District funds in her proposed budget for water bill relief to individuals and non-profits in FY 2019. He reminded the Committee about the letter sent by the Mayor to the Chairman of the Board and General Manager of DC Water reiterating the request for the \$6.0 million and asked for a three year freeze on retail rates. During the City Council deliberations on the budget, the City added an additional \$1.0 million, for a total of \$7.0 million from the District, for one year water bill relief.

CFO Brown briefed the Joint Committee that the District has not finalized its proposed program. He stated that the District envisions a jointly funded program by the District and DC Water that would provide relief to residential customers, non-profits and cemeteries under the broad outline of the program. He mentioned that the District funds would be used for residential relief and non-profit customers whereas DC Water funds would be used for residential and cemetery customers. The District program also envisions the creation of a "CAP Lite" program that would provide a discount for residential customers smaller than the existing CAP program to those with incomes higher than current Low-Income Home Energy Assistance Program (LIHEAP) program. The Department of Energy and the Environment (DOEE) will determine eligibility for the CAP Lite program while they currently administer the eligibility for the existing CAP program. He noted that an expansion to the CAP program would need to be established through rulemaking by DC Water.

CFO Brown mentioned that one of the points of discussion between DC Water and the Mayor staff has been the size of the program and how many people that might qualify. The challenge is that we do not have household information about our customers. He shared with the Joint Committee a draft budget legislation from the City Council that would create a financial assistance program for households with incomes up to the area median income of \$110,300 (HUD Median Family Income). He noted that median household income for the District was \$75,506 (2016 American Community Survey). He noted that he has

been working with an economist who has a long standing relationship with DC Water to help ensure that the number of program participants is accurately estimated.

Mr. Brown provided an update to the Joint Committee on the existing Customer Assistance Program (CAP) program. He mentioned that the CAP benefits are defined in title 21 District of Columbia Municipal Regulations (DCMR) § 4102. He provided an overview of the LIHEAP scale for households and maximum income levels. He stated that the existing CAP program provides a 58 percent discount to those customers that qualify and explained the various discounts for water, sewer, CRIAC, WSRF and PILOT & ROW (District Pass-through fees). He mentioned that DOEE determines eligibility using the LIHEAP criteria. Recently, DOEE identified 399 additional households who qualify for CAP using the existing criteria and those individuals have already been added to the CAP program.

Mr. Brown briefly updated the Committee on the Rate Stabilization Fund (RSF). He stated that the RSF has been used for broad base relief. He explained the purpose of the RSF and that current balance is \$61.45 million.

Mr. Brown updated the Joint Committee of the next steps. He stated that DC Water will continue to work with the District officials. He noted that publication of proposed regulations, when drafted, will need to be authorized by DC Water's Board. He stated that there are ongoing conversations with the District about cemeteries. Early this year, the Retail Rates Committee considered a discount program for the CRIAC and there is no new recommendation on this item. With regard to non-profits, under the proposed regulations, DOEE would determine what non-profits will be eligible for non-profit programs. There are a number of requirements that would have to be done such as on-site stormwater mitigation that would be conducted entirely by DOEE. DOEE would then forward the list of eligible customers to DC Water to be processed for credits.

Chairperson Bhatt stated that in an earlier report, the rating agencies mentioned DC Water's ability to continue to raise rates, its independence in raising rates, and the Board history of rate increases. Chairperson Bhatt inquired if DC Water has a sense for what the rating agencies think of the allocation of the \$6.0 million. Mr. Brown mentioned that all three of the credit rating agencies have cited the independence of this Board as a credit strength and its ability and willingness to raise rates to meet the need of DC Water and financial metrics. He mentioned that when the letter came from the Mayor's office and when the legislation accompanied the budget, DC Water disclosed, through the official statement, both the letter and the legislation to the rating agencies.

Mr. Brown mentioned as we move forward it would be his recommendation to consider a program that we believe is appropriate given our mandate. He stated that the funding provided by the District is for one year and it would likely be difficult to offer a discount program for only one year. He stated that his concerns about estimating the number of program participants. He mentioned the risk that if we offer a program without a cap and more households qualify than we estimate, then it could be a drain on our cash reserves.

The Joint Committee members participated in broad discussion regarding the proposed RSF allocation, the income levels under consideration, the credit rating outlook on DC Water's cash reserve requirements,

ongoing discussion about the District's rate relief program proposal, and future year implications of the request for \$6.0 million for rate relief.

CFO Brown mentioned that the direction that he was taking from committee today was to ensure DC Water's independence, the preference for long term assistance, serving the customers that really need assistance and work to ensure we have good estimates for the rate relief program.

Action Items:

The committee members requested management to continue to work with the District on the details, potential number of participants, administration process and other requirements of the program, and provide recommendation at next month's committee meeting.

Adjournment

Hearing no further business Committee Chairperson Firestine adjourned the meeting at 12:37 p.m.

Follow up items:

1. Provide a comparison of the current survey to the last survey that was conducted three years ago
(Rachna Butani Bhatt)



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

Board of Directors

Finance and Budget Committee

Tuesday, June 26, 2018

11:30 a.m.

MEETING MINUTES

Committee Members

Timothy Firestine, Committee Chairperson
Krystal Brumfield

Other Board Members

Anthony Giancola
Howard Gibbs

DC Water Staff

David L. Gadis, CEO/General Manager
Matthew T. Brown, Chief Financial Officer (CFO)
Charles Kiely, AGM, Customer Care & Operations
Meena Gowda, Deputy General Counsel
Linda Manley, Board Secretary
Henderson Brown (via telephone)

Call to Order

Chairperson Timothy Firestine called the meeting to order at 12:31 p.m.

New CIS System Update

Mr. Charles Kiely, Assistant General Manager, Customer Care & Operations, gave an update on the new Customer Information System (eCIS) project. He reported that the implementation was an overwhelming success based on industry benchmarks. A detailed overview of the project will be provided at a future Committee meeting.

Anthony Giancola, Board member, inquired if the previous system was broken, and Mr. Kiely stated that DC Water did not have a customer information system when the Authority was formed. The previous system did not have the capacity to adopt the new rate changes and was not flexible enough to tie into other existing software applications within the Authority. Mr. Kiely reported that the new eCIS system is a state of the art technology and helps reduce overall costs. Next, he introduced and acknowledged members of the implementation project team. Chairman Firestine also congratulated the team for a successful implementation.

May 2018 Financial Report

Total operating revenues are \$421.5 million, or 67.8 percent of budget, operating expenses at \$336 million, or 59.8 percent of budget and capital disbursement at \$370.3 million, or 82.3 percent of budget in the respective categories.

Matthew Brown, Chief Financial Officer (CFO), noted that revenue, which was down \$12 million last month, is now in favorable position this month. The delay in revenues reported last month, mainly in

the residential, commercial and multi-family categories, was a result of deferred billing due to the implementation of the eCIS. The improved revenue position this month was due to collaboration between the Customer Services team and the Finance Office, working to ensure timely billing and collection of revenue.

Timothy Firestine inquired about the Multi-Jurisdictional User Facilities (MJUF) revenues, and whether DC Water intends to budget for it in the future. Mr. Brown responded that MJUF revenues were not anticipated in the FY 2018 budget when it was developed over two years ago. But they are included in the FY 2019 budget, and would continue to be included in future years.

CFO Brown stated that DC Water's operating expenditures are in line with budgetary expectations while capital disbursements are not on track with budget. The Committee will receive an update from the Department of Engineering and Technical Services in September regarding capital disbursements.

Next, CFO Brown reported on the operating expenditures details, and that the unfavorable variance in the personnel services costs was mainly for overtime and approved salary increases. Contractual services are lagging behind the budget Authority-wide. The water purchases category is expected to increase over the summer but likely to be under budget by approximately \$1 million by fiscal year end. CFO Brown further reported that chemicals and supplies are ahead of the budget, with methanol and sodium bisulfate as the two major chemicals experiencing price pressures. Utilities and small equipment are favorable to the budget, and debt service expenditures are anticipated to have some savings to budget by fiscal year-end. Mr. Brown stated that the Cash Financed Capital Improvements (CFCI) has not been applied to date, but adjustments will be made later in the year for other areas of the budget with the remaining balance used for PAYGO financing. He explained that the CFCI adjustment for O&M needs is to ensure that the total operating expenditure does not exceed the Board-approved budget.

Chairperson Firestine inquired about the \$7 million refund to the wholesale customers on the cash flow summary. Mr. Brown explained that we had anticipated making refunds of \$7 million, but instead the jurisdictions will pay DC Water \$4.8 million mainly due to the billed MJUF. The net of these estimates is the \$11 million variance or swing reported at the joint committee meeting.

Howard Gibbs, Board member, inquired how the Clean Rivers Impervious Area Charge (CRIAC) will be collected from those residents who do not have a water meter. Mr. Kiely explained that most of our collection ratio is driven by the stand alone impervious area charge. It represents over half of our active receivables and we do secure the debt and file property liens. We keep in touch with the Office of Tax & Revenue to identify those properties where the property value is less than what is currently owed.

Adjournment

Hearing no further business, Chairperson Firestine adjourned the meeting at 12:47 p.m.

Follow-up Items

1. How much of the projected overspending in personnel services is due to the labor contract and how does that number compare to what was shared when the contract was approved? **(Mr. Firestine)**
2. Provide the breakdown of “Other Revenue” under the category of “Other Revenue Without RSF” in the Operating Revenue Detail **(Mr. Firestine)**



CEO and GENERAL MANAGER'S REPORT

David L. Gadis – July 2018

Table of Contents

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

Organizational Performance Dashboardi

Financial Highlights1

 Financial Performance Summary 1

 Revenues and Operating Expenses 2

 Capital Spending..... 2

 Operating Cash and Receivables 3

 Investment Earnings..... 3

 Investment Yield..... 4

Customer Care and Operations Highlights.....5

 Customer Service 5

 Fire Hydrants 6

 Permit Processing..... 7

Low Income Assistance Program.....8

 SPLASH Program..... 8

 Customer Assistance Program(CAP) 8

Operational Highlights9

 Drinking Water Quality..... 9

 Waste Water Treatment 10

 Water Distribution Operations..... 11

 Water Balance 11

 Sewer System Operations 12

 Combined Sewer System..... 12

 Human Resources 13

 Electricity Usage Summary..... 14

 Electricity Usage by Service Area 14

 Safety 15

 Vendor Payments..... 15

Interpretation of Charts A

Color Key

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

Message from the CEO/GM

July GM Report

DC Water Safety Day

The sun rose at 5:42 AM on Friday, June 15 and shined magically on DC Water's Safety Day Celebration at COF. Beginning at 10 AM, and throughout the morning and afternoon, Team Blue took part in the annual celebration during National Safety Month that showcased DC Water-specific safety training programs, department exhibits, and vendor offerings.

Co-sponsored each year since 2003 by the Department of Occupational Safety and Health (DOSH) and the Union Management Safety Committee (UMSC), the opening ceremony on the parking lot included a tribute to recently deceased UMSC member Yvette Martin-Gross* (formerly *Civil Engineer Tech/DETS*); remarks from the new CEO and General Manager David L. Gadis and 2018 Safety Champion Matthew Brown (*Chief Financial Officer*).

"Although I have only been on the job 10 days, I am so proud to be part of this world-class utility," Gadis said. "And the only thing I would add to today's theme—Safety Begins with Teamwork—is that safety begins *and* ends with teamwork."

Brown commented "I lead a team of professionals working on asset and risk management, budget and payroll, and we are committed to DC Water's 1,100-plus workforce and more than 1.6 million customers who rely on the Authority's services. Raising awareness around safety best practices is critical to what we do."

"While workplace safety requires attention and focus every day and every second, Safety Month in June is a perfect time to rally staff around our theme," remarked Safety Day Chair Emmanuel Nyinaku (*Safety Specialist, DOSH*).

Attendees were invited to participate in the action demonstrations and interactive events at this year's celebration. Highlights included the OEM Emergency Command Van, the I & I Sling Rigging Demo, the Jet Vac Demo and the popular Slip Simulator.

The slip simulator allows participants to experience what it feels like to walk on a surface more slippery than ice but in a safe, controlled training experience. Techniques to improve stability and reduce the risk of falling are part of the training. Slips, trips and falls have been on OSHA's top ten list of preventable workplace injuries for the past decade.

University of the District of Columbia College of Agriculture, Urban Sustainability and Environmental Science (CAUSES) National Green Infrastructure Certification Program Graduation Ceremony

On Tuesday, June 26, 2018, the University of the District of Columbia (UDC) College of Agriculture, Urban Sustainability and Environmental Science (CAUSES) held a graduation ceremony for the National Green Infrastructure Certification Program (NGICP). The purpose of the event was to celebrate the 20 District residents who completed the 8-week training – including the 14 participants who passed the NGICP certification exam.

Dr. Dwane Jones, UDC Program Director, moderated the event. There were four speakers: DC Water's CEO and General Manager, David L. Gadis, CAUSES Dean, Sabine O'Hara, and NGICP Director Adriana Caldarelli. The keynote speaker was Jerrell Johnson, a previous NGICP graduate (2017) and currently working as a Project Manager with Tina Boyd and Associates on the Rock Creek A Project.

Message from the CEO/GM

After the speakers, each of the 20 participants were given a certificate of completion.

The NGICP was initiated under the leadership of DC Water and the Water Environment Federation. The NGICP sets national certification standards for green infrastructure (GI) construction, inspection, and maintenance workers.

CAUSES recruits and trains District residents to become certified in this emerging career pathway and employed in a variety of career fields including foremen, project managers, laborers, and green infrastructure technicians. Moreover, as part of the MOU with the District, DC Water established a goal that 51% of new employment opportunities created as a result of the GI projects would be filled by District residents, with a preference for those with the NGICP certification.

Participants receive over 100 hours of training and paid a stipend of \$15 per hour. Those who pass the certification exam are then enrolled into DC Water Works for consideration of employment opportunities on DC Water projects.

NACWA Award

DC Water's Blue Plains Wastewater Treatment has earned National Association of Clean Water Agency's (NACWA) *Platinum Peak Performance Award* for excellence in permit compliance. NACWA's Platinum Awards recognize facilities with a consistent record of full permit compliance for a consecutive five-year period. Award will be presented during NACWA's Utility Leadership Conference, July 23-26, 2018, in Boston, MA.

Renewable Energy Certificate Sale

DC Water's first agreement for the sale of Tier 1 Renewable Energy Certificates (REC) was executed and a check for \$290,410.0 received on June 5, 2018. The amount was received for the sale of credits associated with electricity generated at Blue Plains using digester gas, during the 2017 calendar year. At the current average renewable energy production rate, the estimated value of the credits is over \$300,000 per year.

Bagged Bloom in DC

DC Water has partnered with Homestead Gardens, to bag and sale Bloom at its garden centers in Maryland. The bags are available at W.S. Jenks and Son in Northeast DC. We now have product available for retail sale in the District of Columbia, for the first time.

Tunnel Boring Machine Naming Ceremony

On Thursday, June 28, the DC Clean Rivers Project held a naming ceremony for its fourth tunnel boring machine (TBM), which will be lowered into the ground to begin mining the Northeast Boundary Tunnel later this summer. The 26-ft diameter, 1100-ton machine was named "Chris" in honor of the late Christopher Allen, who served as Assistant Director for Construction of the DC Clean Rivers Project from 2011 until his tragic passing in late 2017. The ceremony was held at the Northeast Boundary Tunnel mining site just south of RFK Stadium, with remarks given by DC Water General Manager and CEO David Gadis, Congresswoman Eleanor Holmes-Norton, Ward 4 Councilmember Mary Cheh, Department of Energy and Environment Director and DC Water Board Chairman Tommy Wells, National Park Service National Capital Parks-East Superintendent Tara Morrison, and Environmental Protection Agency Deputy Regional Administrator Cecil Rodrigues.

Message from the CEO/GM

Members of the media were provided an opportunity to travel to the bottom of the tunnel mining shaft to document the massive scale of the project. From this shaft, the TBM will mine 5 miles to the north, providing additional CSO storage for the Anacostia River Tunnel System as well as bringing long-awaited flood relief to historically flood-prone areas in Northeast and Northwest DC. Completion of the project is scheduled for 2023.

Bloom Sales

	05/2018	YTD
Tons diverted (calculated into Fresh)	1921	7394.88
Cost of tons (\$45/ wet ton)	\$86,438.25	\$332,769.60
Revenue to Blue Drop	\$7,144.42	\$33,324.16
Cost Savings to DC Water	\$59,560.07	\$226,034.93
Marketing cost \$5/ton	\$9,604.25	\$36,974.40
Hauling costs	\$17,273.93	\$69,760.27
Bloom Cost to DC Water	\$26,878.18	\$106,734.67

External Affairs

Government Affairs

- A good portion of the government relations work this past month was focused on the fallout from the very wet spring and related flooding in the District. We worked to share the story of the successful operation of the tunnels with our stakeholders in Congress and the city government.
- We also spent a lot of time preparing the former acting GM for his hearing before the DC City Council to review options for giving relief to churches. That hearing lasted more than five hours and offered a lot of insight into the struggle that some churches are having with paying their Clean Rivers charges.
- Government Relations also worked extensively on a plan that involved having a Florida Congressman write legislation to give the Washington Aqueduct to Sibley Hospital. Although the plan was later scuttled, at least temporarily, there was a lot of calls and emails and outreach to get to the bottom of the effort and learn all the moving parts.
- Finally, there has been some work to help prepare for the remaining debate over creating a hardship fund for non-profits and a mitigation fund to give general relief to homeowners on their IAC charges. That effort will culminate with a vote before the council.

Drinking Water Marketing and Communications

- External Affairs authored several water quality articles. DC Water takes an active role in the Interagency Workgroup for Healthy Housing, and authored an entry for the Healthy Housing newsletter focused on lead leaching in drinking water and steps to mitigate lead risk. The newsletter is sent to District residents, as well as public and private stakeholder groups. EA staff highlighted DC Water's annual water quality report in "What's On Tap" in advance of the report's release. The article emphasizes that District drinking water met the strict health

Message from the CEO/GM

requirements established by the EPA, and directs customers to tools like the Service Line Map and bilingual brochures for information about lead.

- To bolster lead communication efforts, External Affairs staff produced a revised Welcome Letter for new customers that encourages customers to investigate the material of their service line, and directs them to critical information about lead and drinking water, and steps to protect health and water quality.
- DC Water, The National Park Service, conservation associations (i.e. Anacostia Watershed Society), and other stakeholders are promoting the Year of the Anacostia (YOTA). EA staff have participated in several calls and meetings to assist with promotional efforts that include organizing a YOTA-themed day with the Washington Nationals, and other novel advertising opportunities. DC Water authored several blog entries and social media posts in response to the Anacostia River's first passing health grade by the Anacostia Watershed Society, and the release of SustainableDC's Sustainability Plan 2.0, which includes the proliferation of green infrastructure for stormwater management.
- DC Water continues to have a strong presence in regional workgroups. External Affairs staff co-chair the Metropolitan Washington Council of Government's Community Engagement Campaign, and attended the annual in-person meeting. EA staff steered decision-making to evolve the TapIt Metro DC and Protect Your Pipes programs—including website updates and future advertising methods. Staff also weighed in on production of a regional Landscaping Guide to promote wise water use and stormwater remediation.

Customer Newsletter

Hurricane season, and how to prepare, headlines the June issue of *What's on Tap*. The publication also included an update on how well the Anacostia River Tunnel segment is performing amidst one of the wettest springs on record. The GM message was Mr. Gadis' first and he spoke to the 20x20x20 challenge of reducing costs and finding new revenue streams by 2020.

The newsletter also included an article on how well our skimmer boats are performing to keep pollution out of the Potomac and Anacostia rivers. A drinking water quality article announced the arrival of the annual water quality report and the results that were reported—DC Water met all drinking water standards set forth. The article also touted the increased customer communications regarding sources of lead.

Media Relations

May was one of the region's wettest (most rainfall) in recorded history and the Anacostia River Tunnel segment overperformed, capturing 92 percent of CSOs from March 20-June 3. The segment was designed to capture 80 percent for average year's rainfall and these were not average storms. OEA pitched these numbers to the media and several outlets reported on it.

Press Releases

- June 1: DC Water and DDOT complete streetscape project for greener neighborhood and reduced runoff for healthier waterways
- June 1: DC Water's System Availability Fee Goes Into Effect Today
- May 17: Your Commute Just Got More Refreshing

Message from the CEO/GM

Media Coverage

- Pastors chant, sing, disrupt DC Council meeting, demand action on rising water bills
(WRC-4 / May 16, 2018)
- Former DC Water Board Member: Mayor's Plan to Ease Bills 'Strikes Me as a Sham'
(WRC-4 / May 24, 2018)
- Tunnel has already kept billion gallons of sewer overflow out of the Anacostia
(WTOP / May 25, 2018)
- David L. Gadis becomes new D.C. Water chief
(Washington Post / June 5, 2018)
- After 10 years of flunking, Anacostia River passes annual health-check with D rating
(Washington Post / June 13, 2018)

Meetings/Presentations/Events

- DC Water teamed up with Downtown DC BID once again for this year's Bike to Work Day, providing water bottles, Trivia Wheel, lead informational brochures, refreshing tap water and a special guest appearance by the beloved Wendy at the Freedom Plaza pit stop.
- As DC Water is always eager to engage young, bright minds about promising future careers in the water/wastewater industry, Sewer Services representatives participated in a career fair held at Patterson Elementary School.
- DC Water supported the Powell Bilingual Elementary School's Community Carnival with its Cooling Station, information, giveaways and a presence by Wendy.
- In preparation for the Northeast Boundary Tunnel Project, DC Water is participating in a number of public meetings/events and working with a long list of community leaders and other stakeholders to help spread the word about the project and make the community aware of the construction related impacts.
 - DC Water met with the DC Federation of Civic Associations to provide a detailed presentation on the project.
 - DC Water attended the June monthly meeting of the Brentwood Civic Association to provide a detailed presentation on the project.
- DC Water attended the May monthly meeting of the Stronghold Civic Association to address mounting community concerns surrounding an upcoming water main upgrade project scheduled for Evarts Street NE.
- Always the life of the party, Wendy dropped in at DPR's District Pools Opening Kickoff Celebration at Randall Recreation Center to provide refreshing tap water to a bunch of thirsty pool dwellers, in addition to water bottles and information/giveaways.
- DC Water spent the morning at Center City Public Charter School, providing two separate lessons to classrooms of 2nd and 3rd graders while using the Enviroscape as the educational tool.
- DC Water attended the Kennedy Street Revitalization Project Ribbon Cutting.
- Back by popular demand, DC Water has revived its artwork/poetry contest in local schools, providing students an opportunity to tout their artistic capabilities while demonstrating their knowledge and understanding of the work of DC Water. Winning students for this year's contest entries have been identified in the following schools:
 - McKinley Technology High School
 - Charles Hart Elementary School
 - Capitol Hill Montessori School @ Logan
 - The Children's Guild DC Public Charter School

Message from the CEO/GM

- DC Water attended the June monthly meeting of ANC 2E to provide a detailed presentation on the upcoming green infrastructure construction project for the Potomac River sewershed area.
- DC Water visited Cardozo High School to provide an educational lesson about its DC Clean Rivers Project, and also to provide a brief discussion about future careers in the engineering field.
- As part of its Environmental Education program, DC Water has partnered with the Learning Tree Summer Camp at Payne Elementary School to provide a series of environmental lessons on topics such as wastewater treatment, water quality and water conservation. The first of these lessons took place on June 6.
 - The second lesson took place on June 7.
- DC Water attended the June monthly meeting of ANC 3D to provide updates on its Spring Valley Water Main Upgrade Project.
- As part of the North Forestville Elementary School Career Day, representatives from DC Water’s Sewer Services Department attended and provided demonstrations using some of their work trucks, similar to a ‘Truck Touch’ event.
- In observance of the “Year of the Anacostia”, DC Water is committed to hosting/attending a number of events focused around cleaning up the Anacostia River. Some of these events include:
 - DC Water provided its Cooling Station, Quench Buggy, water bottles, tote bags and an appearance by Wendy for this year’s Kingman Island Bluegrass and Folk Festival.
- DC Water’s Green Infrastructure team attended the June monthly meeting of ANC 3B to address mounting community concerns pertaining to an upcoming project to implement bioretention and other GI techniques in the local area; particularly problematic for the community was the proposed location of a construction office and staging area near the corner of Massachusetts Avenue NW and Idaho Avenue NW.
- In support of its DC Clean Rivers Project, DC Water routinely participates in a number of community events within and surrounding areas that will be directly impacted by construction activities. This is strategically done in a way that will afford us an opportunity to engage with community stakeholders and more intimately address their questions and concerns.
 - As one of these events, DC Water attended the 2018 Burleith Annual Summer Picnic, providing information about the upcoming construction activities in the Potomac River sewershed, and also some giveaways.

Tours

- | | |
|------------------------|-----------------------------|
| • 25 Adults | ASU Global Institute |
| • DC WATER INTERN TOUR | |
| • 12 Adults | Ports Towns Sr. Ambassadors |
| • 7 Adults | DC Residents |
| • 2 Adults 15 Students | National Cathedral School |
| • 10 Adults | Department of Defense |
| • 2 Adults | Brian Smith Construction |
| • 2 Adults | DC Residents |
| • 2 Adults | DC Residents |
| • 3 Adults | DC Residents |

Message from the CEO/GM

Website

Sessions

65,655

Pages per Session

1.88

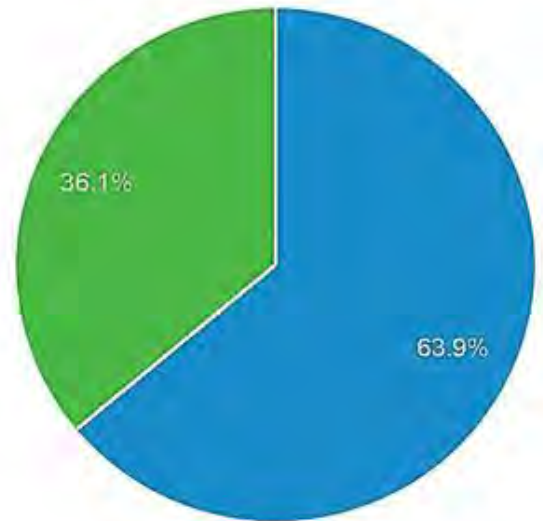
Average Session Duration

00:02:12

Bounce Rate

30.79%

■ New Visitor ■ Returning Visitor






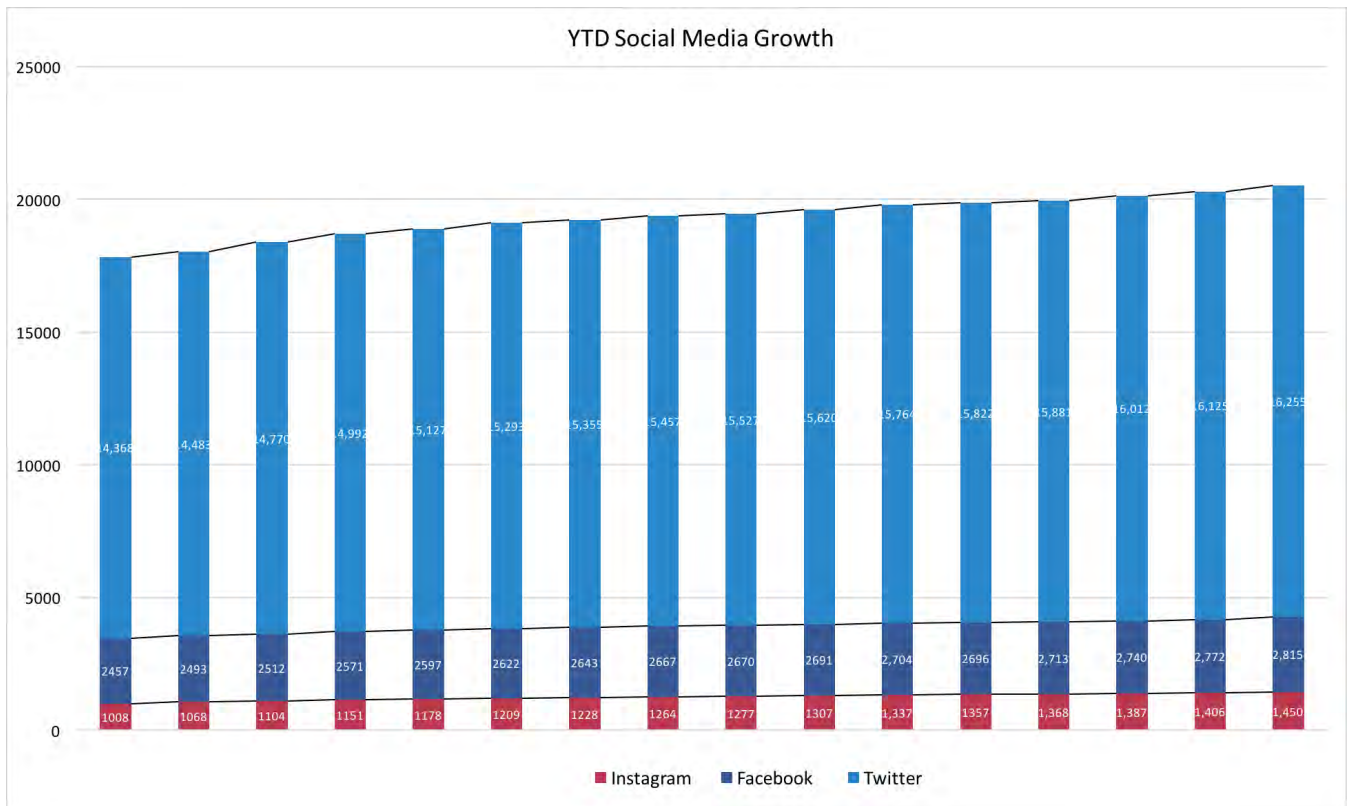
Top 10 Visited Webpages

Page	Pageviews	% Pageviews
1. /default.cfm	38,672	25.32%
2. /my-dc-water-upgrade	31,136	20.38%
3. /paying-your-bill	11,054	7.24%
4. /careers	7,903	5.17%
5. /contact	5,452	3.57%
6. /procurement	2,045	1.34%
7. /payment-and-billing	1,992	1.30%
8. /projects	1,967	1.29%
9. /management	1,391	0.91%
10. /internal-job-board	1,370	0.90%

Message from the CEO/GM

Social Media

 186.5k Impressions	 4,543 Engagements	 386 Link Clicks
--	---	---



Audience Growth Metrics	Totals	
Total Fans	23.5k	▲ 0.9%
New Twitter Followers	168	▲ 0.9%
New Facebook Fans	26	▲ 0.9%
New Instagram Followers	24	▲ 1.7%
Total Fans Gained	218	▲ 0.9%

Total followers increased by
▲ 0.9%
 since previous date range

ORGANIZATIONAL PERFORMANCE DASHBOARD (May 2018)

Financial Highlights

Net Operating Cash		Operating Revenues		Operating Expenses		Capital Disbursements	
Actual	90,300	Actual	422	Actual	336	Actual	370
Target	55,104	Target	414	Target	375	Target	336
	(\$ thou)		(\$ mil)		(\$ mil)		(\$ mil)
Operating Cash Balance		Delinquent Account Receivables		Core Investments Yield		Short Term Investment Yield	
Actual	165	Actual	3	Actual	1.89	Actual	1.39
Target	126	Target	3	Target	2.4	Target	1.83
	(\$ mil)		(%)		(%)		(%)

Customer Care and Operations Highlights

Call Center Performance		Command Center Performance		First Call Resolution		Emergency Response Time	
	85		85		75		90
May	86	May	90	May	82	May	100
	(% of calls rec)		(% of calls rec)		(% of calls rec)		(% of calls rec)
Fire Hydrants out of Service		Fire Hydrant Insps. and Maint.		Fire Hydrants Replaced		Permit Processing within SLA	
	48		19		250		95
May	(count)		(count)	May	(YTD count)		(%)

Low Income Assistance Program

Splash Contributions		Customer Assistance Program	
Actual	72	Previous	75
Target	53	Current	179
	(\$ tho)		(\$ tho)

Operational Highlights

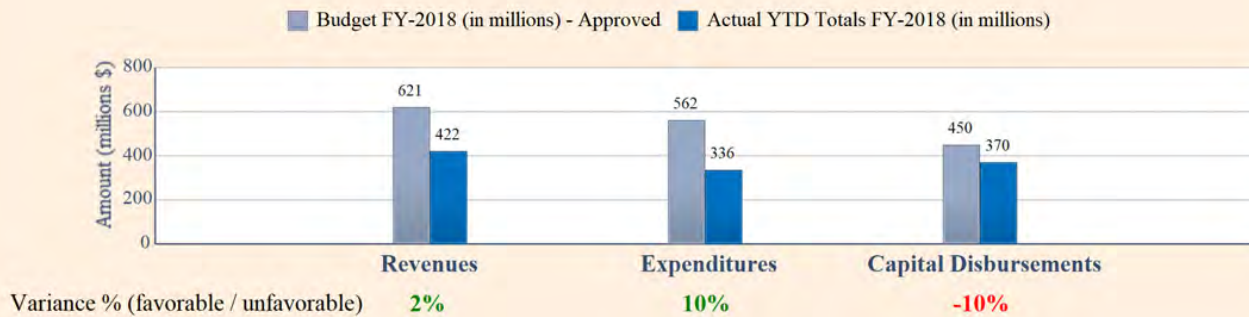
Lead Concentration (ppb)	Total Coliform Rule (%)	Biosolids Production	Total Nitrogen (lbs/yr mil)
		432	
		(wet tons)	
Plant Effluent Flow (gal mil)	Excess Flow	Water Main Leaks	Water Valve Leaks
	495	27	2
	(gal mil)	(count)	(count)
Non-Revenue Water	Sewer Main Backups	Sewer Lateral Backups	Dry Weather CSO
Sold	11	131	0
Purchased	(count)	(count)	(events)
7.92			
10.7			
(CCF mil)			
Recruitment Activity	Electricity Usage	Employee Lost Time Accidents	Vendor Payments
Filled	19	5	Actual
Open	(MWh)	(count)	Target
9			97
93			97
(count)			(%)

FINANCIAL HIGHLIGHTS

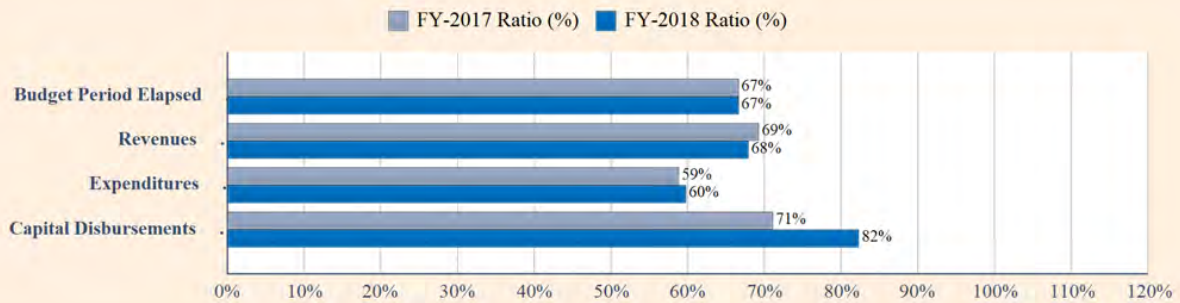
FINANCIAL PERFORMANCE SUMMARY

REVENUE, EXPENDITURE, CAPITAL DISBURSEMENT

Cumulative Revenue, Expenditure & Capital Disbursements compared to Budget

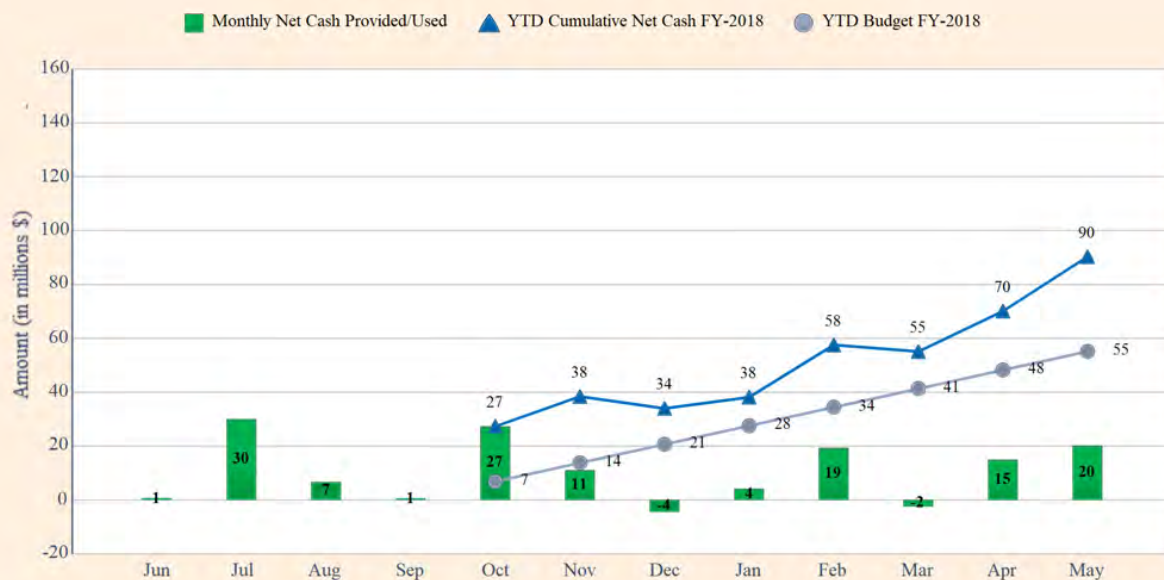


YEAR TO DATE ANALYSIS



NET OPERATING CASH

Monthly and YTD Net Operating Cash Provided / Used compared to Budget



Net cash to date for May was above budget by \$35 Million

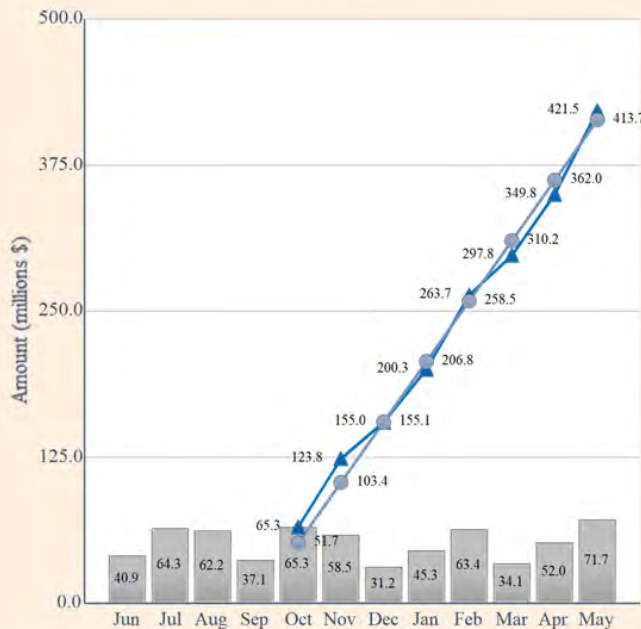
FINANCIAL HIGHLIGHTS

REVENUES AND OPERATING EXPENSES

OPERATING REVENUES

Monthly & Cumulative Revenue compared to YTD Budget

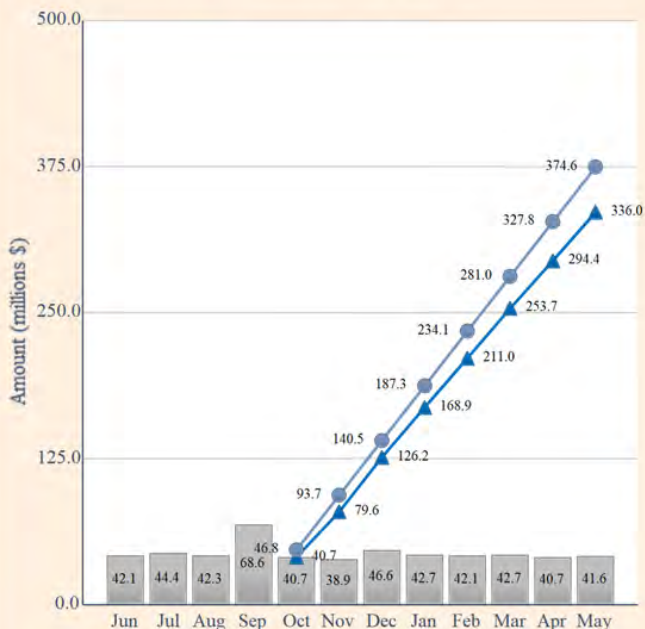
- Actual Monthly Revenue
- ▲ YTD Cumulative Revenue FY-2018
- YTD Cumulative Budget FY-2018



OPERATING EXPENSES

Monthly & Cumulative Expenditure compared to YTD Budget

- Actual Monthly Expenses
- ▲ YTD Cumulative Expenditure FY-2018
- YTD Cumulative Budget FY-2018

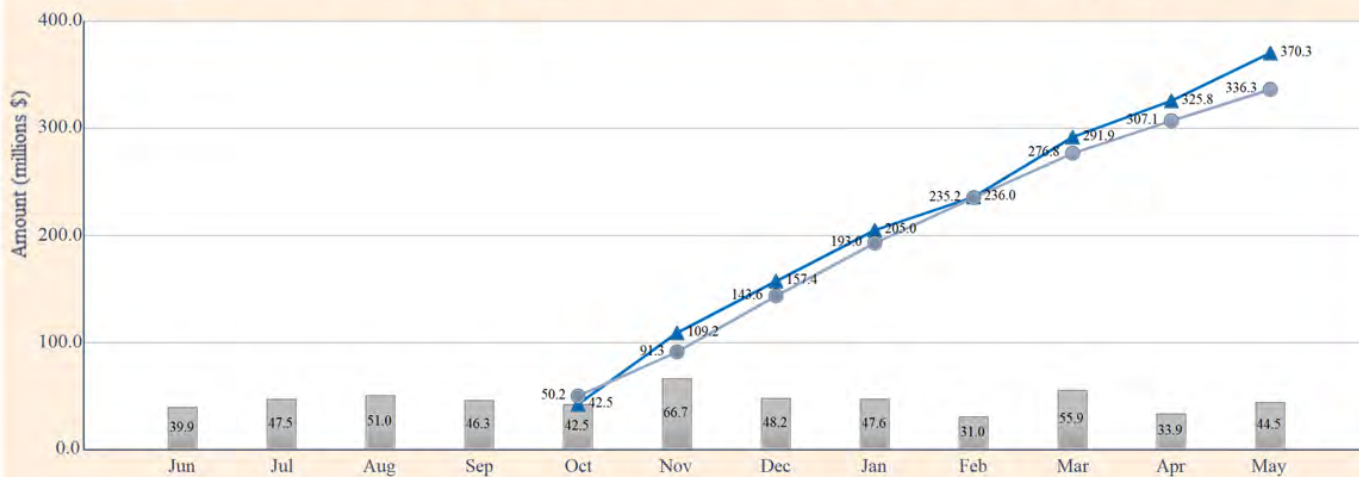


CAPITAL SPENDING

CAPITAL DISBURSEMENTS

Monthly & Cumulative Disbursements compared to YTD Budget

- Actual Monthly Disbursements
- ▲ YTD Cumulative Disbursements FY-2018
- YTD Cumulative Budget FY-2018



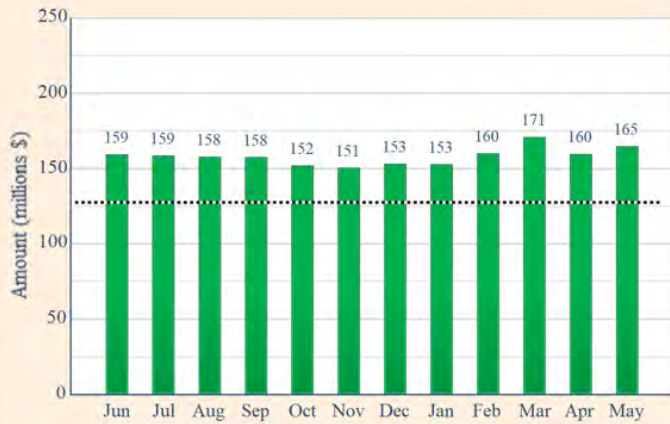
FINANCIAL HIGHLIGHTS

OPERATING CASH AND RECEIVABLES

OPERATING CASH BALANCE

Average Daily Cash Balance compared to Operating Reserve Target

- Actual Cash Balance FY-2018
- Operating Reserve Target - (125.5 Million)

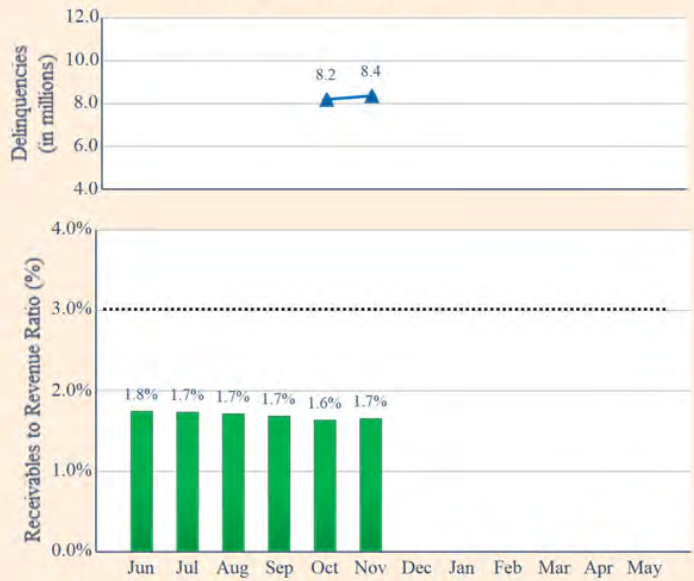


Cash Balance for May was above target by \$39 million

DELINQUENT ACCOUNT RECEIVABLES

Delinquency & Receivables to Revenue Ratio compared to Target

- Receivables to Revenue Ratio
- ▲ Delinquencies (in millions)
- Target: Receivables to Revenue Ratio (3%)



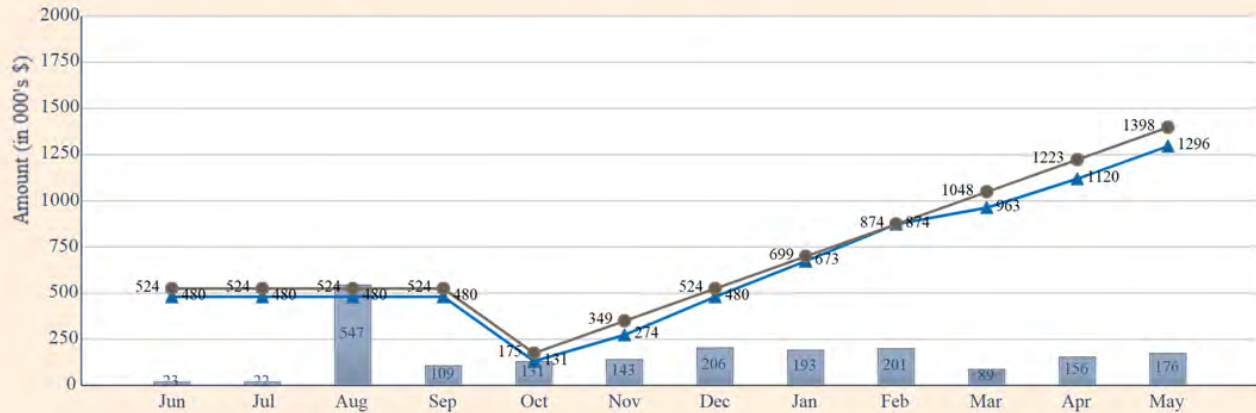
May Receivables to Revenue Ratio info is pending, Delinquency info is pending

INVESTMENT EARNINGS

INVESTMENT CASH EARNINGS

Monthly & Cumulative Earnings compared to YTD Budget

- Monthly Earnings
- ▲ YTD Cumulative Earnings FY-2018
- YTD Cumulative Earnings Budget FY-2018



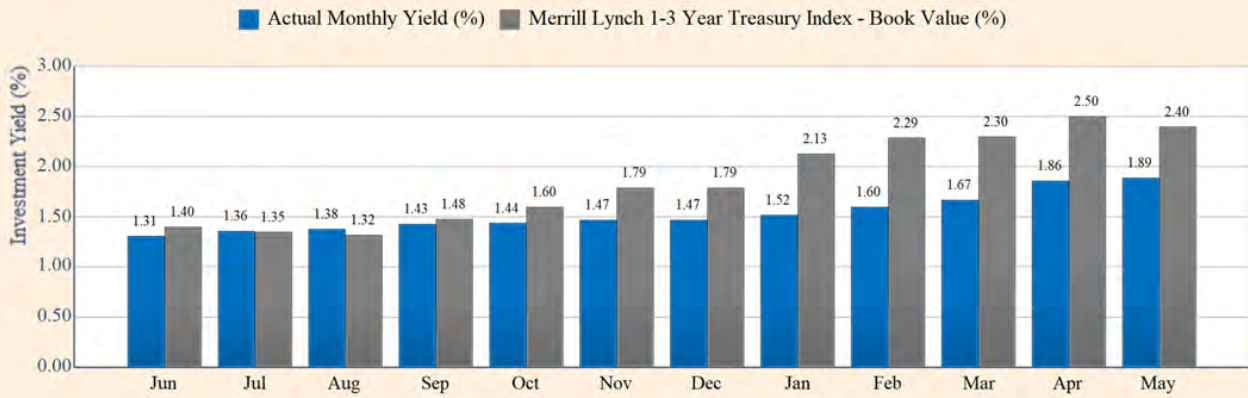
Earnings to date for May were below Projected Budget by \$102,000

FINANCIAL HIGHLIGHTS

INVESTMENT YIELD

CORE INVESTMENTS YIELD

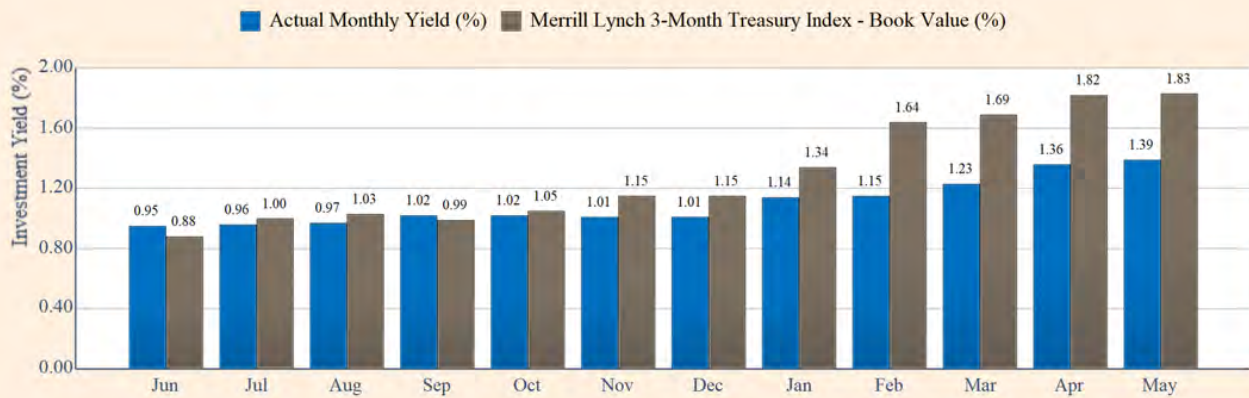
Monthly Yield compared to Merrill Lynch Benchmark



Yield for May was less than the treasury index by 0.51%

SHORT TERM INVESTMENT YIELD

Short Term Yield compared to Merrill Lynch Benchmark



Short Term Yield for May was less than the Merrill Lynch yield by 0.44%

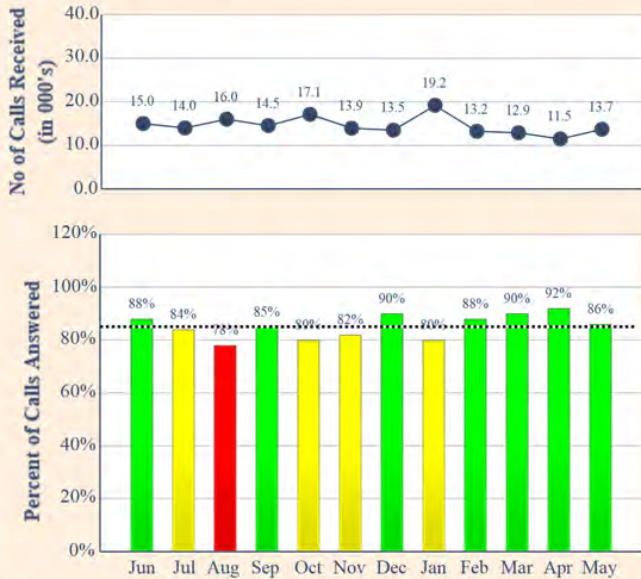
CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

CUSTOMER SERVICE

CALL CENTER PERFORMANCE

Calls Answered within 40 Seconds compared to Target

- Call Center: Calls answered (%)
- No of Calls - Call Center (in 000's)
- Target - Call Center (85%)

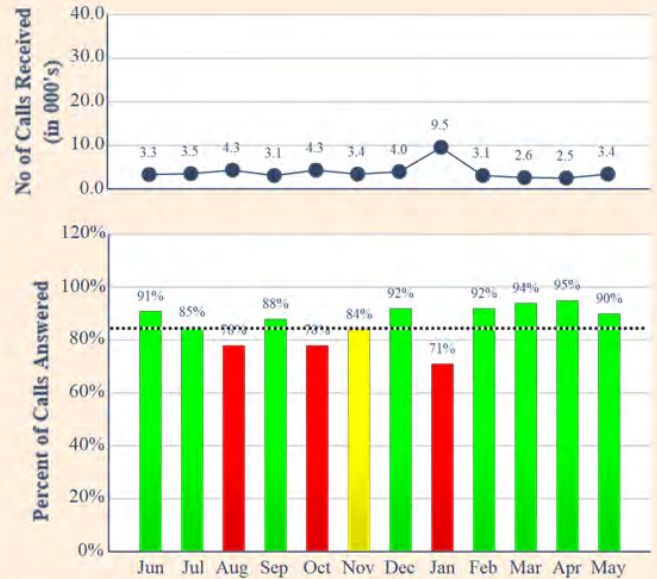


Performance for May was above target by 1%

COMMAND CENTER PERFORMANCE

Calls Answered within 40 Seconds compared to Target

- Command Center: Calls answered (%)
- No of Calls - Command Center (in 000's)
- Target - Command Center (85%)

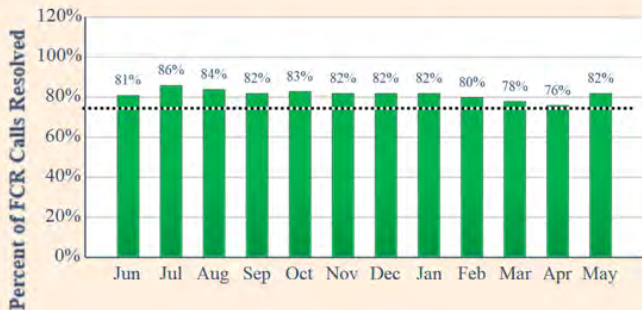


Performance for May was above target by 5%

FIRST CALL RESOLUTION (FCR)

Calls resolved on first contact compared to Target

- FCR (%)
- FCR Target (75%)

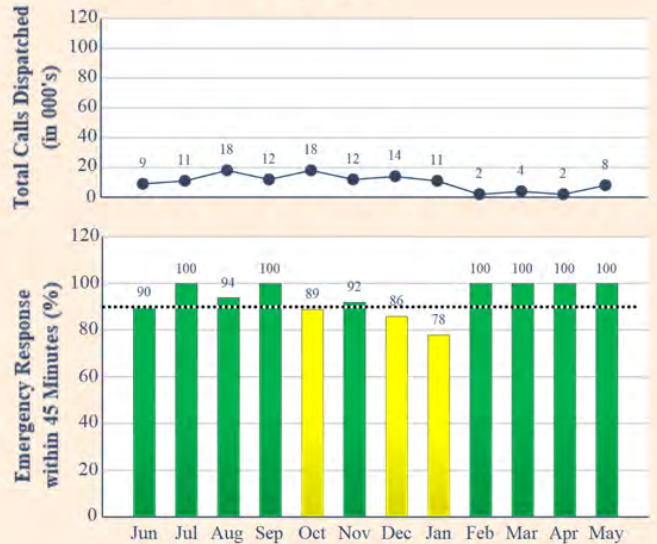


Performance for May was above target by 7%

EMERGENCY RESPONSE TIME

Calls responded to within 45 Minutes compared to Target

- Response (%) within Target
- Total Emergency Calls Dispatched
- Response Target (90%)



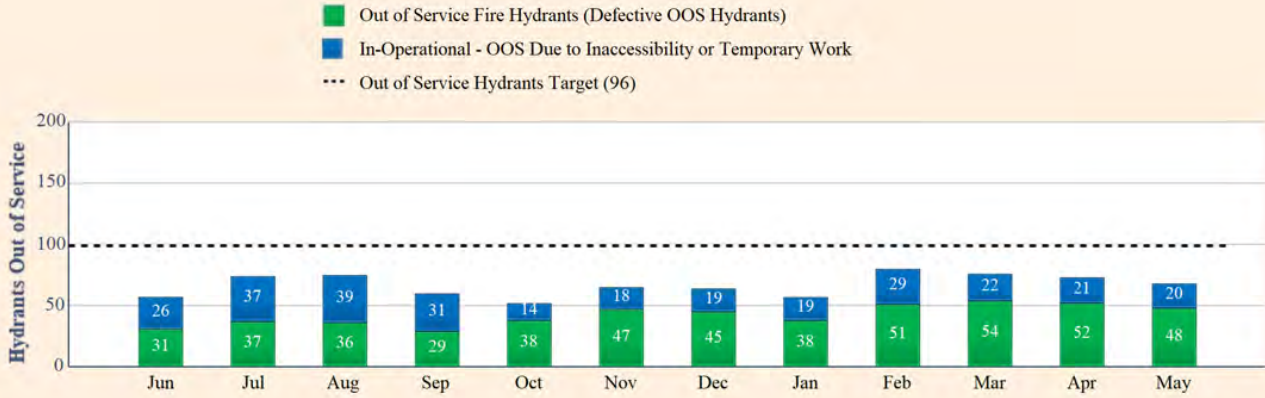
Performance for May was above target by 10%

CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

FIRE HYDRANTS

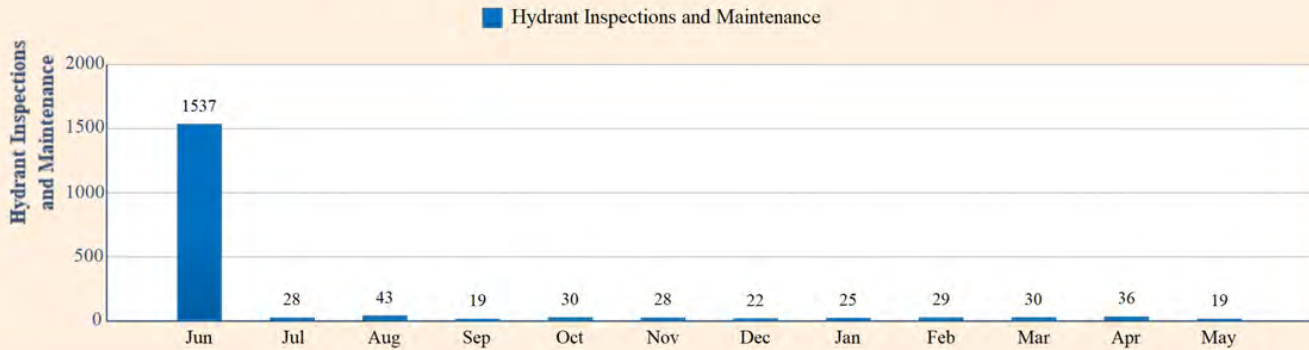
Fire Hydrants Out of Service (OOS)

Total Hydrants Out of Service against Target



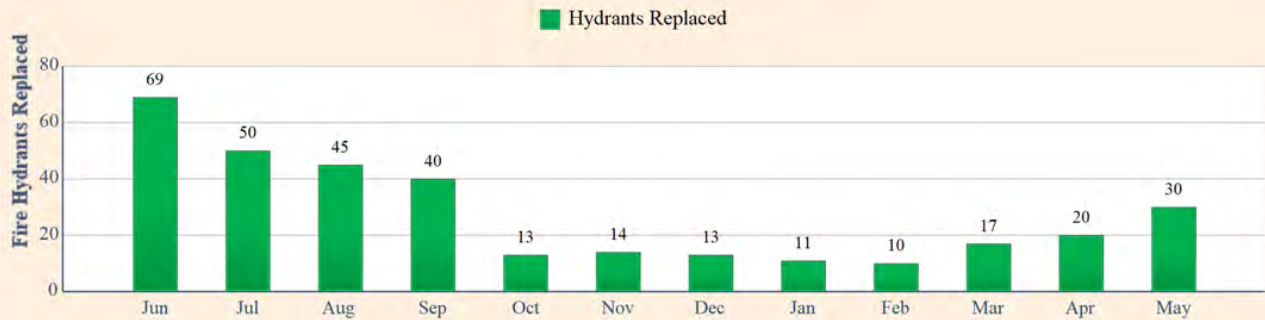
Fire Hydrant Inspections and Maintenance

Total Hydrant Inspection and Maintenance Work Orders Completed per Month



Total Hydrant Replacements Per Month

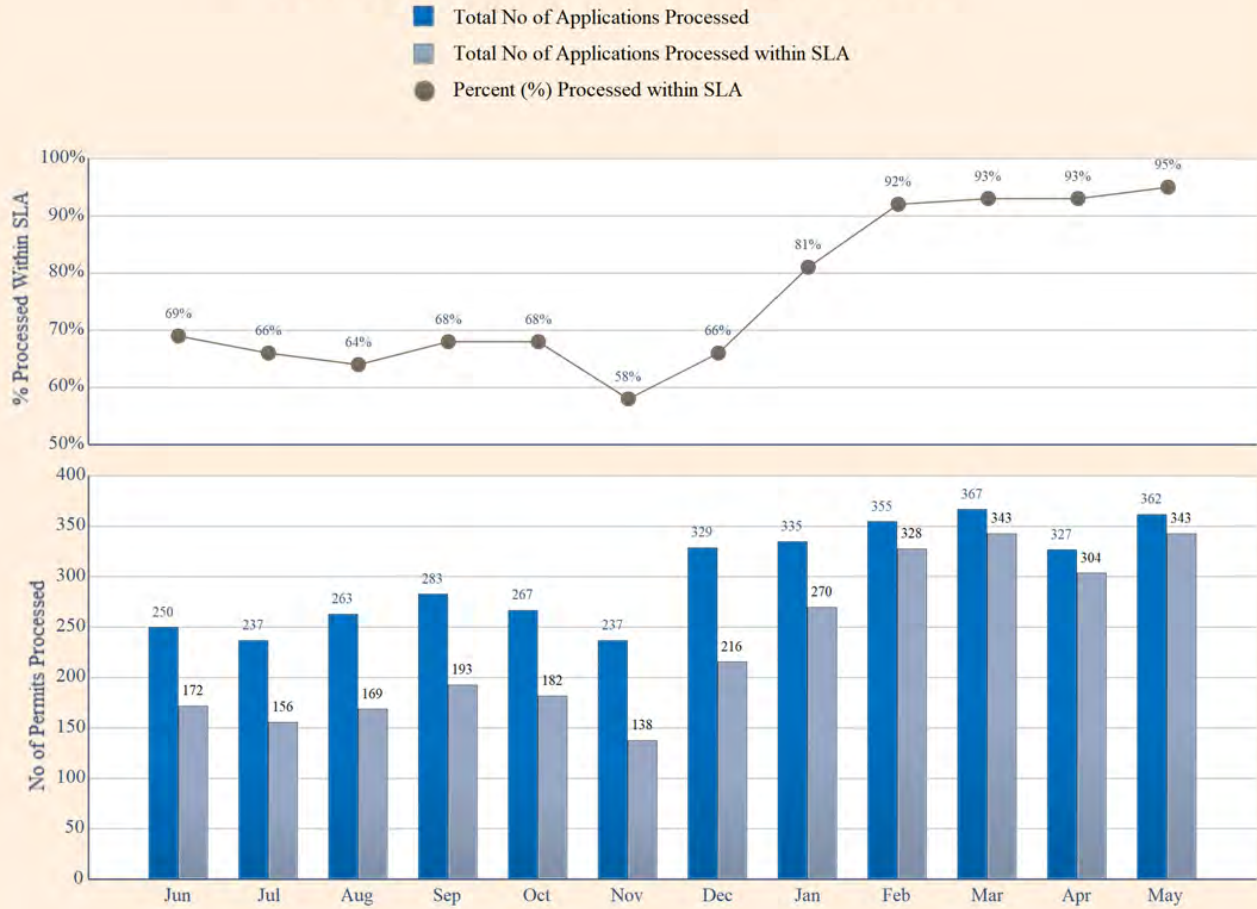
Annual Replacement Target (250)



CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

PERMIT PROCESSING

PERCENT OF APPLICATIONS PROCESSED WITHIN SLA



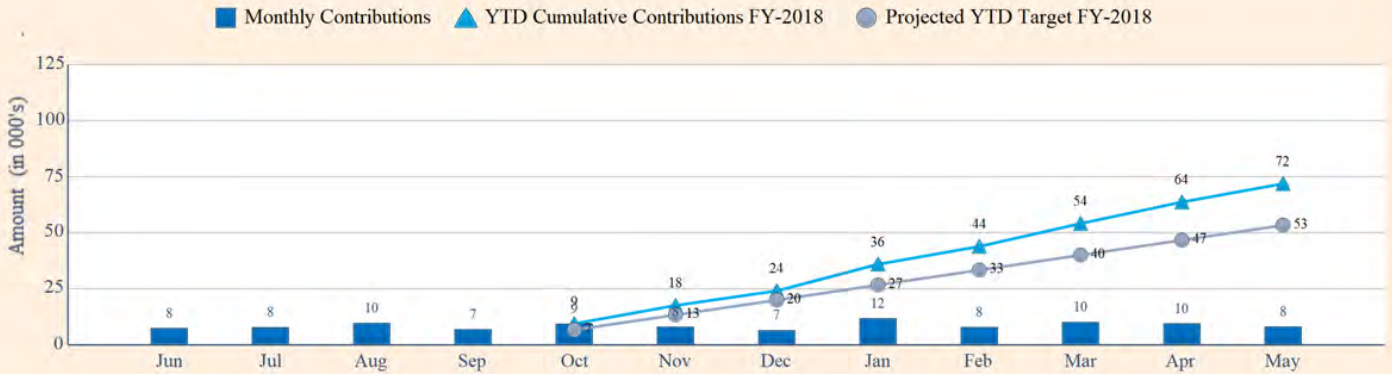
Permits not processed within SLA in May were 5%. Note that different SLA's range from 7 days to 45 days

LOW INCOME ASSISTANCE PROGRAM

SPLASH PROGRAM

SPLASH CONTRIBUTIONS

Monthly and Cumulative Contributions compared to YTD Target

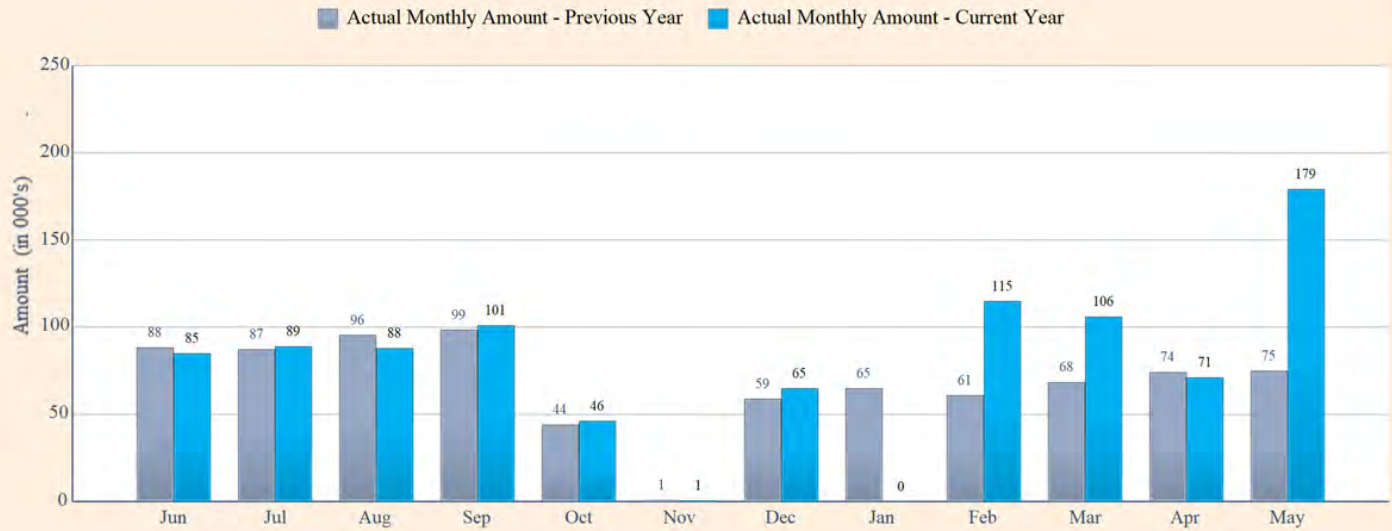


Total SPLASH Contributions to date for May were above target by \$18,550

CUSTOMER ASSISTANCE PROGRAM (CAP)

CUSTOMER ASSISTANCE PROVIDED

Monthly Assistance Provided compared to corresponding Previous Year Periods

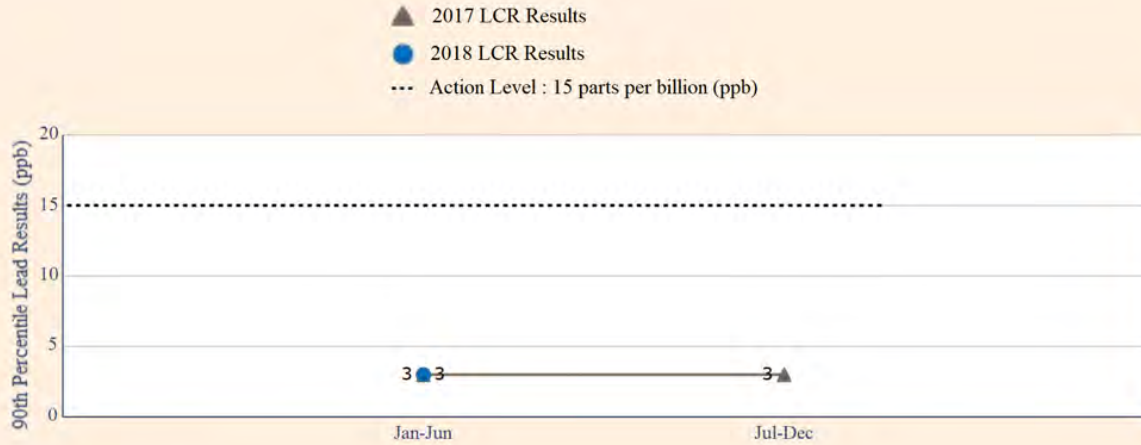


OPERATIONAL HIGHLIGHTS

DRINKING WATER QUALITY

LEAD AND COPPER RULE (LCR) COMPLIANCE

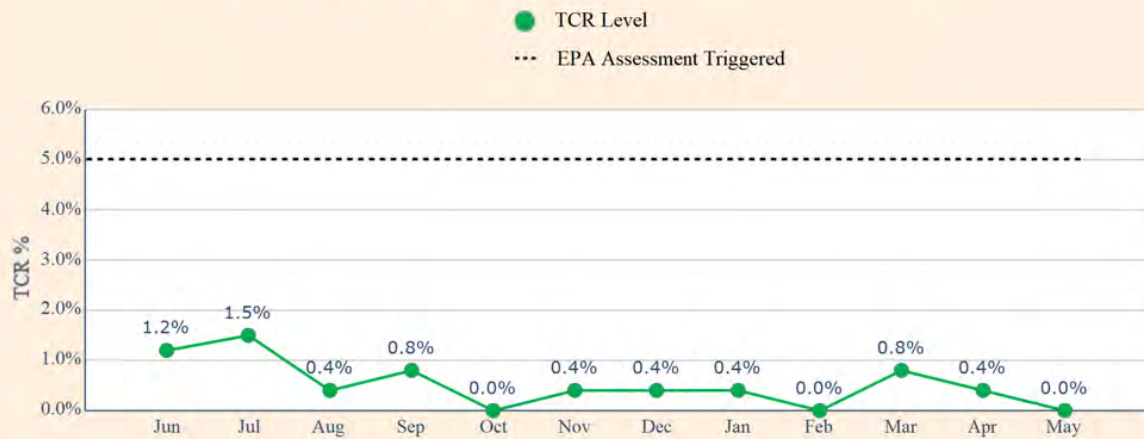
Semi-Annual LCR Monitoring Results



Jan-Jun 2018 results to date

TOTAL COLIFORM RULE (TCR) COMPLIANCE

Total Coliform Positives compared to EPA Maximum Contaminant Level (MCL)



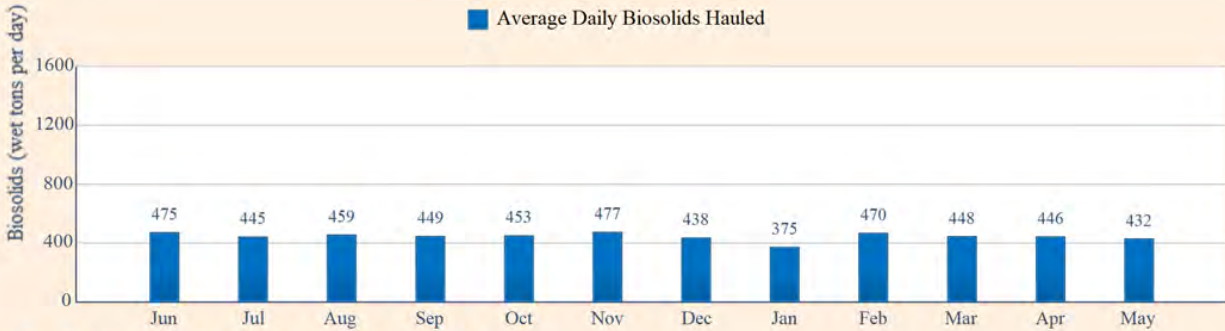
Coliform Positive was recorded at 0.0% in May

OPERATIONAL HIGHLIGHTS

WASTEWATER TREATMENT

BIOSOLIDS PRODUCTION

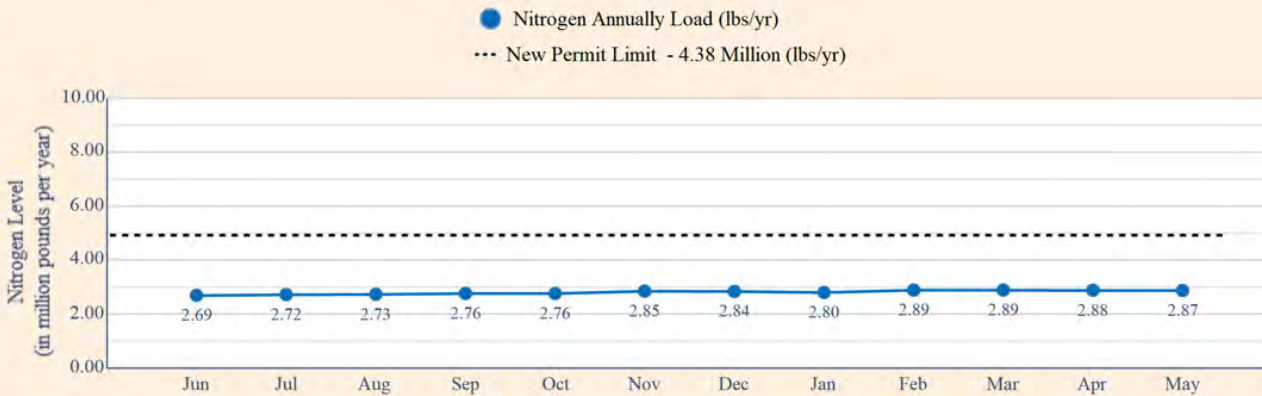
Average Daily Biosolids Production



Biosolids Daily Production for May were 432 wet tons per day

TOTAL NITROGEN

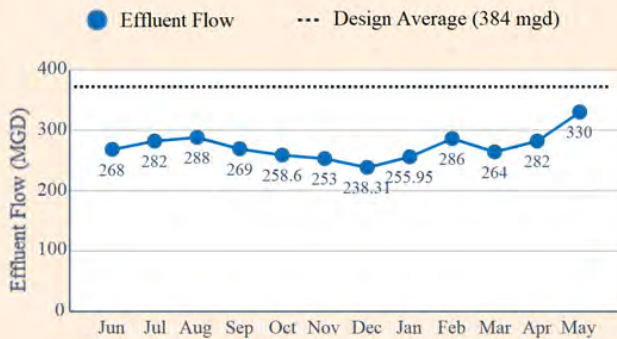
Total Nitrogen Compared to New Permit Levels



Nitrogen level for May were below permit by 1.51 million lbs/yr

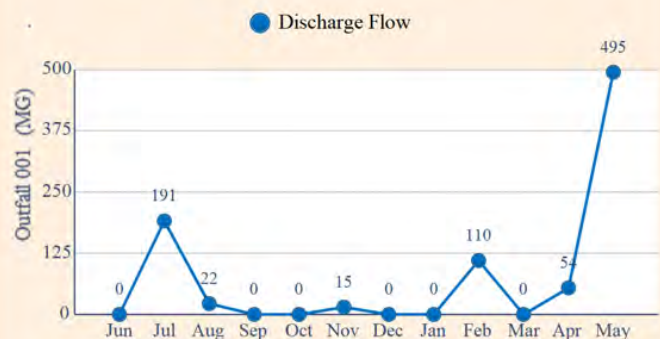
OUTFALL 002 - PLANT EFFLUENT FLOW

Effluent Flow compared to Plant Design Average Limit



In May Influent flow was below design by 54 MGD

OUTFALL 001 - DISCHARGE FLOW

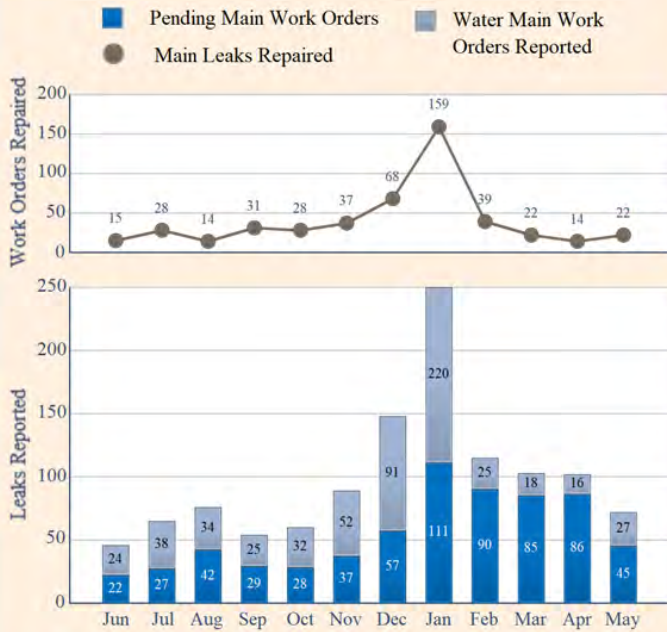


Excess flow events were recorded at 494.82 MG in May

OPERATIONAL HIGHLIGHTS

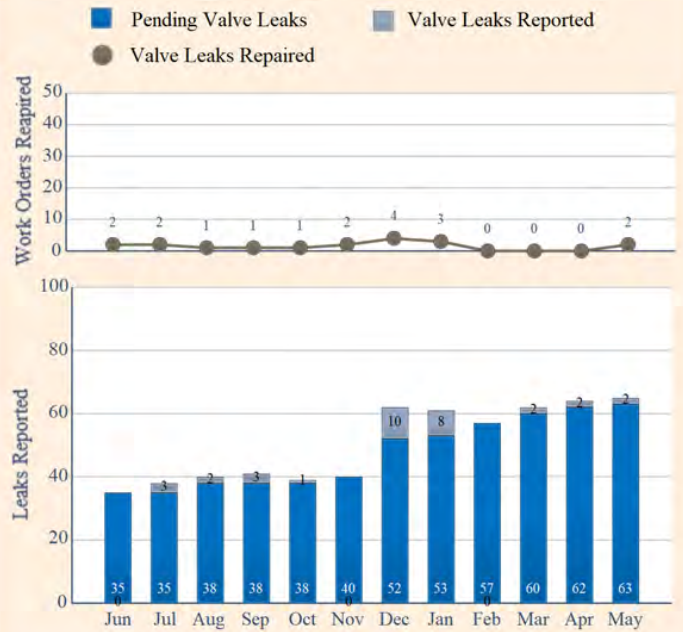
WATER DISTRIBUTION OPERATIONS

WATER MAIN LEAKS



There were 27 Water Main Work Orders reported in May

WATER VALVE LEAKS

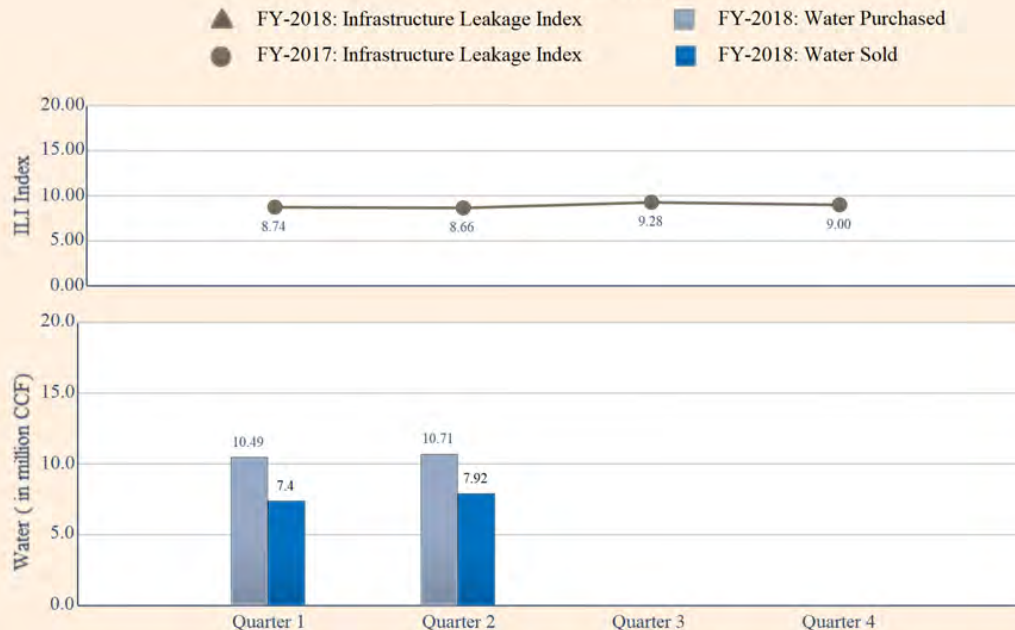


2 leaks were resolved in May

WATER BALANCE

NON-REVENUE WATER

Volume of Water Purchased and Sold per Quarter



In the 2nd quarter of FY 2018, 7.92 out of 10.71 million cubic feet of water was sold

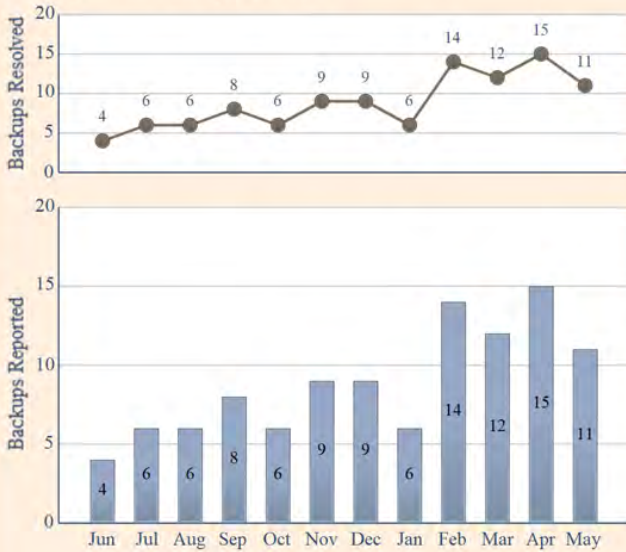
OPERATIONAL HIGHLIGHTS

SEWER SYSTEM OPERATIONS

SEWER MAIN BACKUPS

Sewer Mains Backed Up and Relieved per Month

- Pending Main Backups
- Main Backups Reported
- Main Backups Resolved

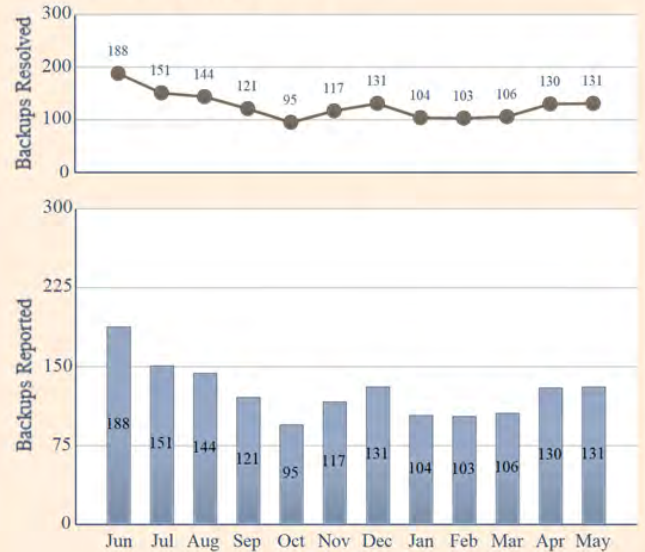


No pending main backups reported

SEWER LATERAL BACKUPS

Sewer Laterals Backed Up and Relieved per Month

- Pending Lateral Backups
- Lateral Backups Reported
- Lateral Backups Resolved



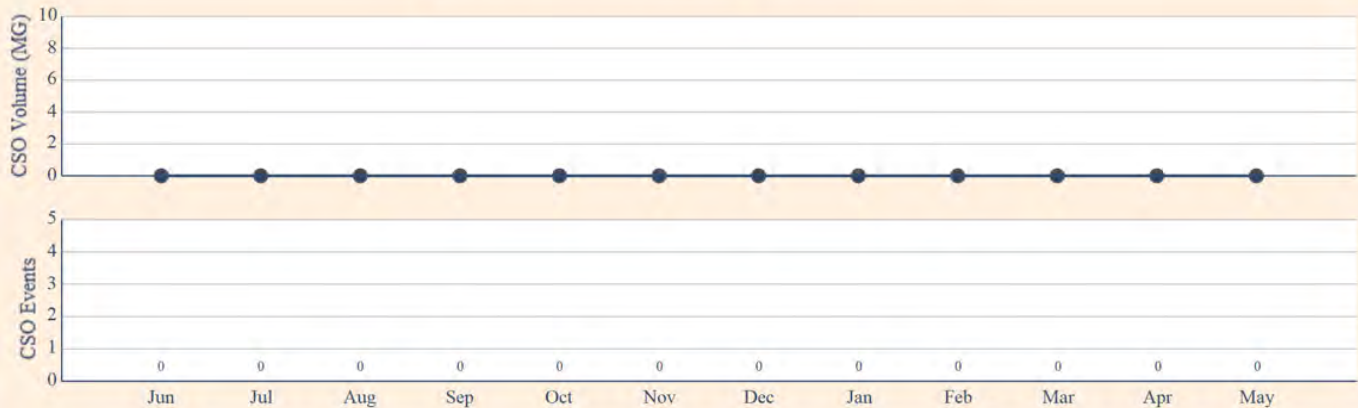
No pending lateral backups reported

COMBINED SEWER SYSTEM

DRY WEATHER CSO EVENTS

Combined Sewer Overflow Volume and No of Events per Month

- Overflow Volume (MG)
- Number of CSO Events



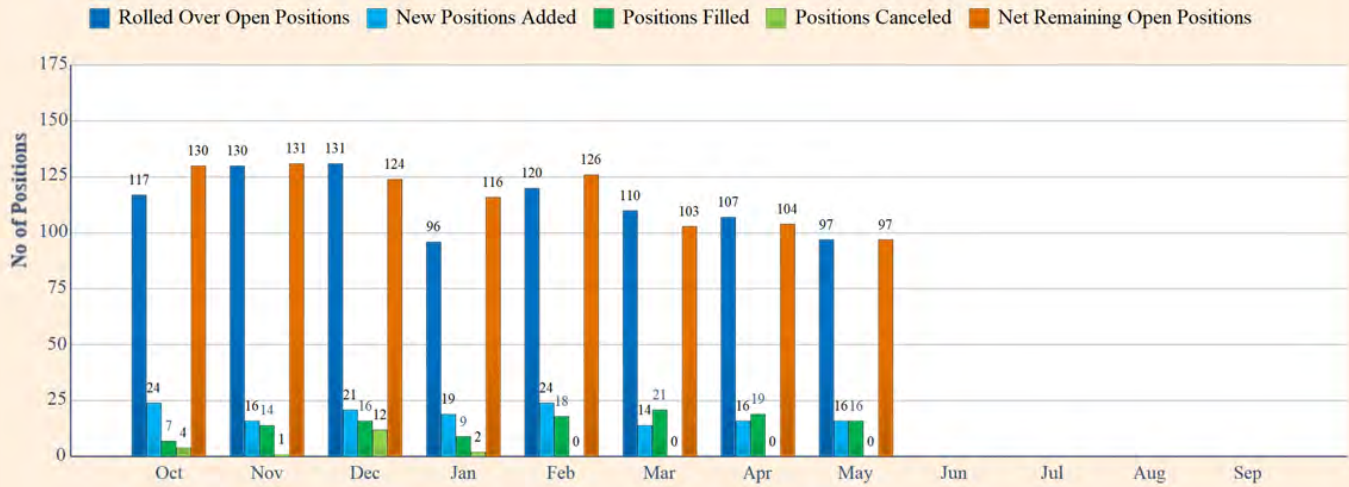
No dry weather Combined Sewer Overflow events were recorded in May 2018

OPERATIONAL HIGHLIGHTS

HUMAN RESOURCES

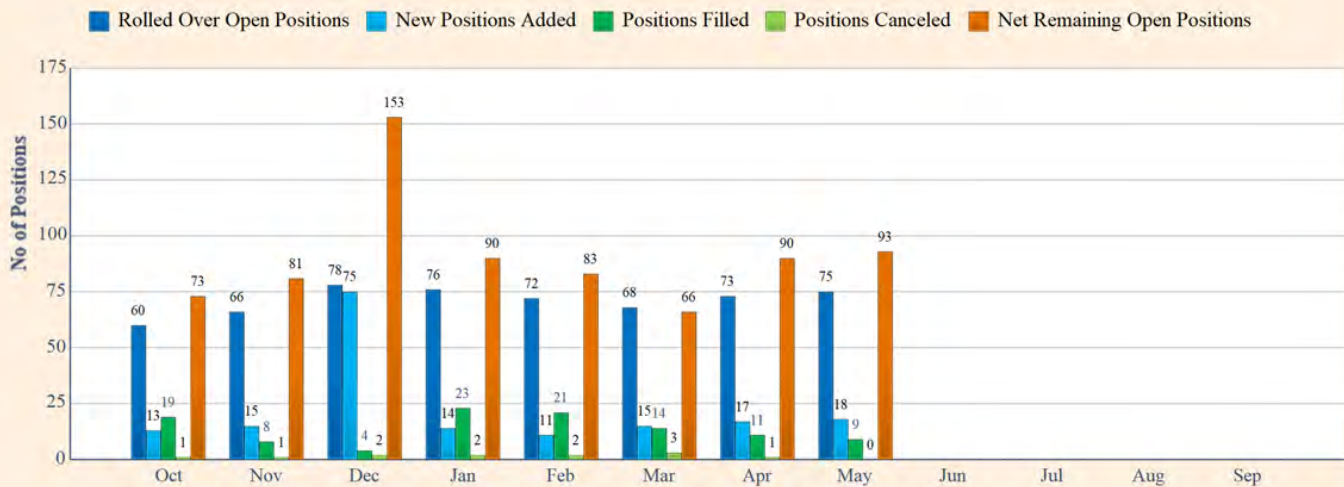
RECRUITMENT ACTIVITY

PREVIOUS FISCAL YEAR

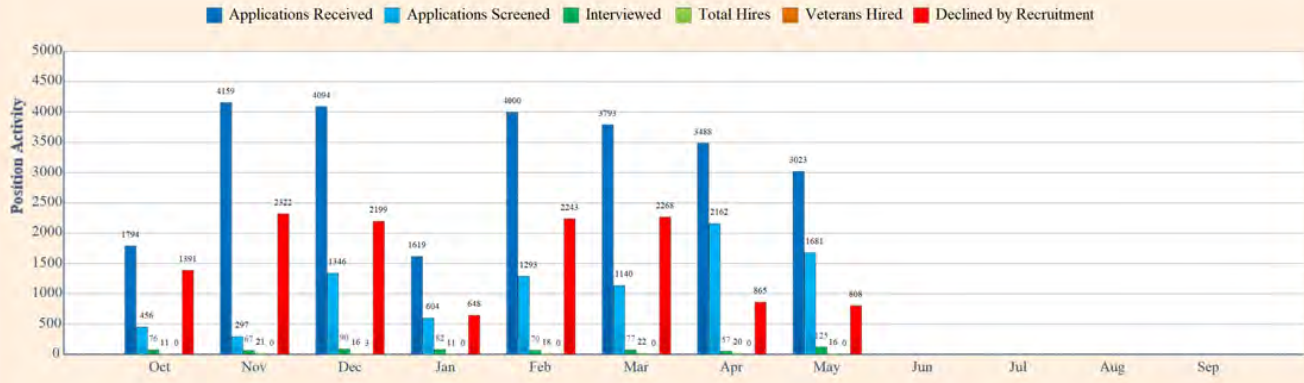


RECRUITMENT ACTIVITY

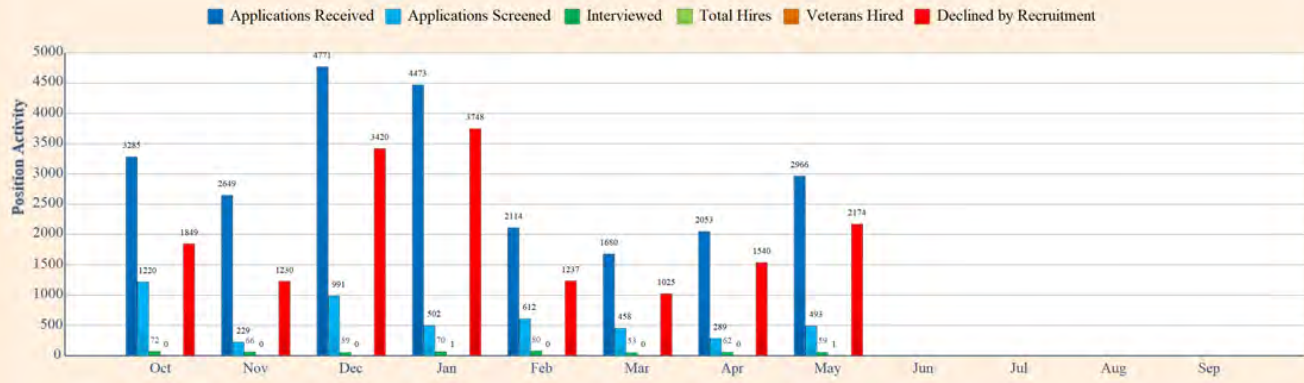
CURRENT FISCAL YEAR



RECRUITMENT PERFORMANCE METRIC
PREVIOUS FISCAL YEAR



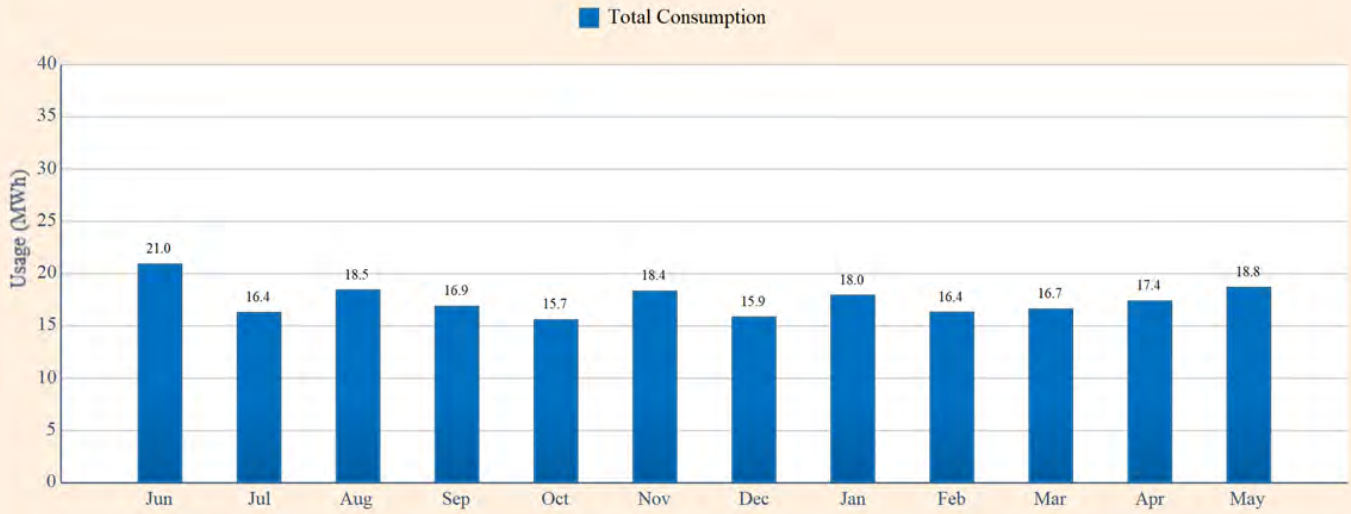
RECRUITMENT PERFORMANCE METRIC
CURRENT FISCAL YEAR



OPERATIONAL HIGHLIGHTS

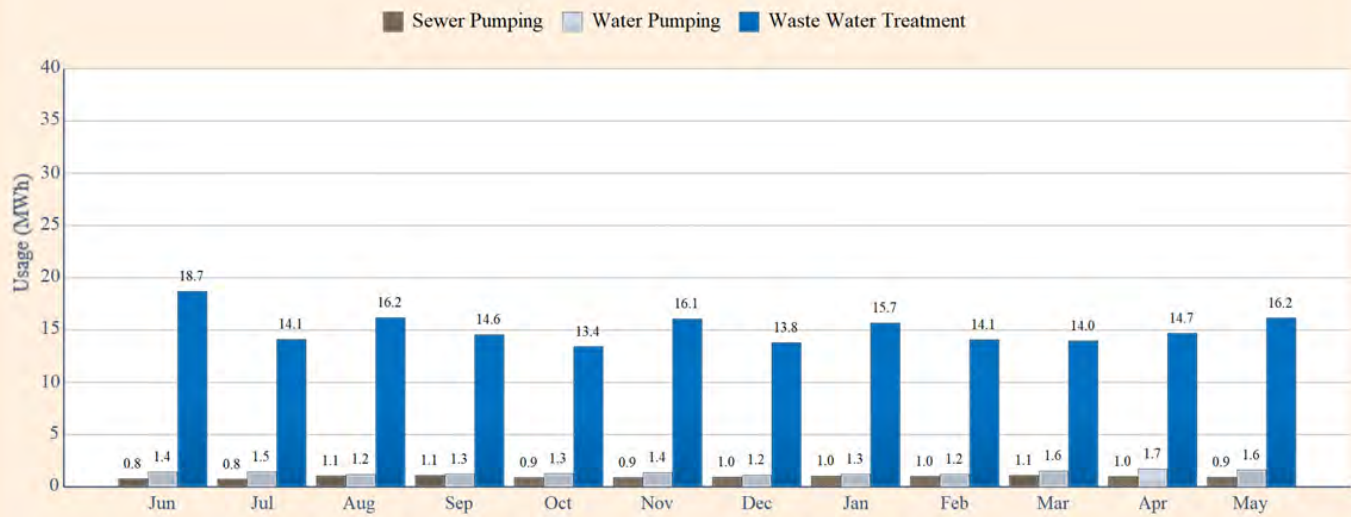
ENERGY CONSUMPTION

ELECTRICITY USAGE SUMMARY



Electricity Consumption in May was 18,758 KWh

ELECTRICITY USAGE BY SERVICE AREA



Waste Water Treatment had the highest electricity consumption in May at 16,181 KWh

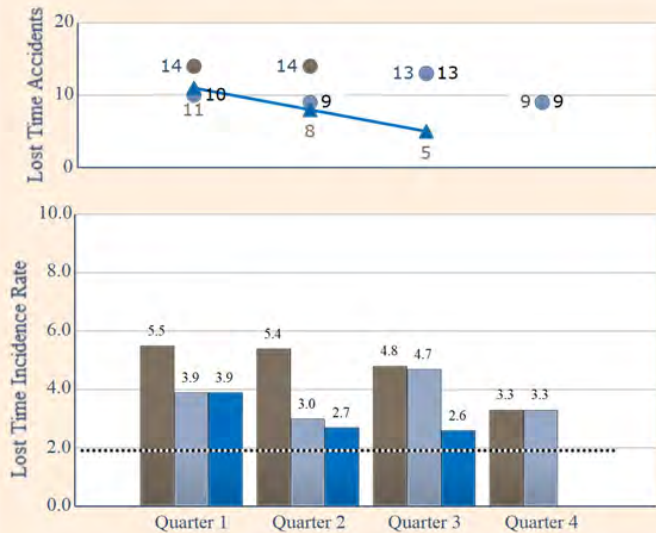
OPERATIONAL HIGHLIGHTS

SAFETY

EMPLOYEE LOST TIME INCIDENCE RATE

- FY-2016: No of LT Accidents
- FY-2016: LT Incidence Rate
- FY-2017: No of LT Accidents
- FY-2017: LT Incidence Rate
- ▲ FY 2018 No of LT Accidents
- FY 2018 LT Incidence Rate

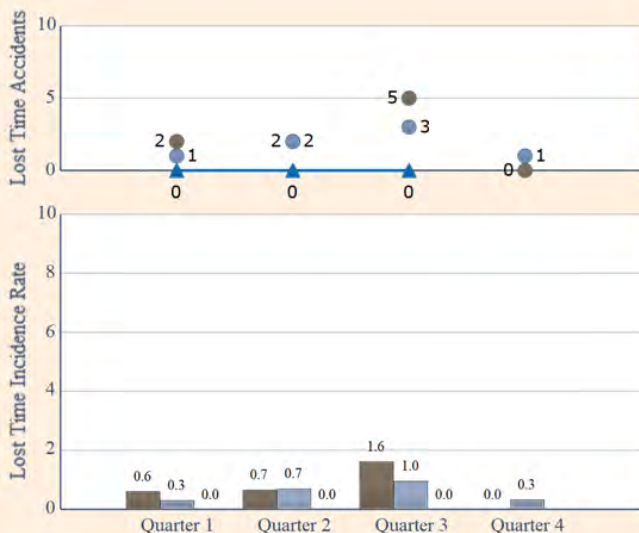
--- Target/National: LT Incidence Rate



In the 3rd quarter, 5 lost time accidents were reported

CONTRACTOR LOST TIME INCIDENCE RATE

- FY-2016: No of LT Accidents
- FY-2016: LT Incidence Rate
- FY-2017: No of LT Accidents
- FY-2017: LT Incidence Rate
- ▲ FY 2018 No of LT Accidents
- FY 2018 LT Incidence Rate

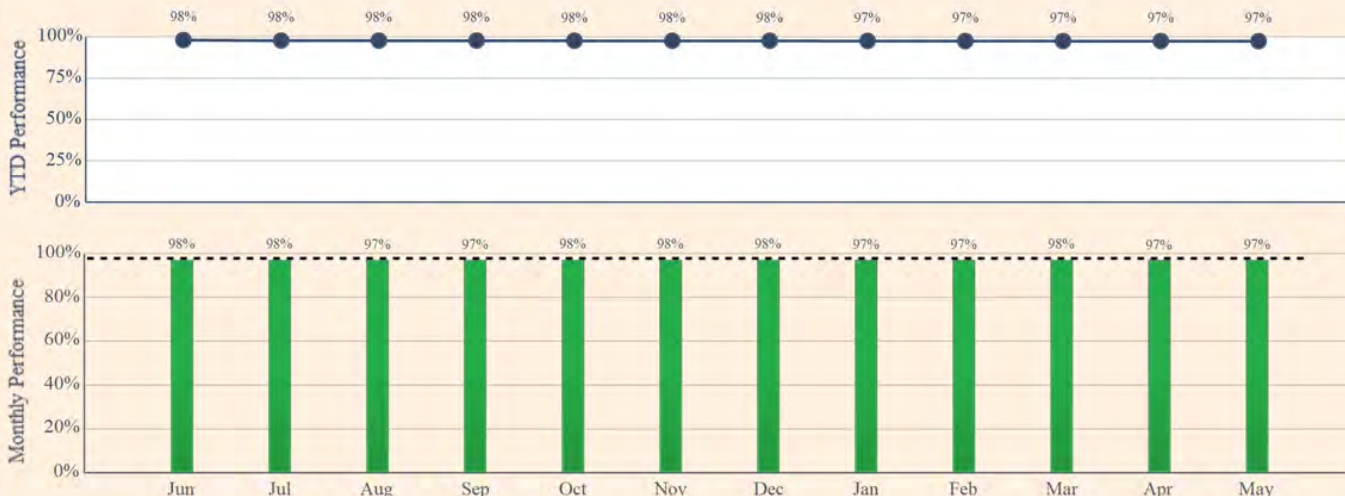


In the 3rd quarter, 0 lost time accidents were reported

VENDOR PAYMENTS

VENDOR PAYMENT PERFORMANCE

- Monthly Performance (%)
- YTD Performance (%)
- Monthly Target - (97%)



Monthly performance for May was above target by 0.2% target

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

CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

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

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

- 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****

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

***	****
<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, □)

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***

OPERATIONAL HIGHLIGHTS

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****

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

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
- 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

Dynamic Color Coding Legend

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

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

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

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

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.

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

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, □)

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 %.

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, □)

E



Consent Agenda

Summary of Contracts

244th Meeting of the DC Water Board of Directors

Thursday, July 5, 2018

Joint Use Contracts

- 1. Resolution No. 18-49, Execute Contract No. DCFA #493-WSA, Greeley and Hansen LLC** - The purpose of the Professional Services is to assist DC Water and Sewer Authority in the continuing implementation of its Long Term Control Plan (LTCP) to control combined sewer overflow (CSO) discharges to the Anacostia and Potomac Rivers and Rock creek, and to reduce flooding in the Northeast areas of the District. The contract amount is \$1,018,000. **(Recommended by Environmental Quality and Operations Committee 06/21/18)**

- 2. Resolution No. 18-50, Approval to Execute Contract No. DCFA #494-WSA, Whitman, Requardt & Associates, LLP** – The purpose of the contract is to provide professional architectural/engineering and related services for the DC Water Facilities on an as-needed basis through individually negotiated task orders. The contract amount is \$6,000,000. **(Recommended by Environmental Quality and Operations Committee 06/21/18)**

- 3. Resolution No. 18-51, Approval of Additional Funds for Contract No. 16-PR-HCM-44-AC, MB Staffing Services, LLC** – To add funding to Contract No. 16-PR-HCM-44-AC, MB Staffing Services LLC . The purpose for the additional funding is to modify the existing contract by adding additional funds to the temporary staffing contract. The additional funding amount is \$240,000. **(Recommended by Environmental Quality and Operations Committee 06/21/18)**

Non-Joint Use Contracts

- 4. Resolution No. 18-52, Approval to Execute Change Order No. 01 of Contract No. 160010, Fort Myer Construction Corporation.** The purpose of the change order is to increase the contract cost value to offset the costs associated with the increase of emergency main repairs during the winter season. The change order amount is not-to-exceed \$7,000,000. **(Recommended by Environmental Quality and Operations Committee 06/21/18)**

- 1. Resolution No. 18-53, Execute Contract No. 170210, Sagres Construction Corp.**
The purpose of the contract is to replace water mains that have experienced failures, or have a history of low water pressure or water quality complaints. The contract amount is \$5,467,190. **(Recommended by Environmental Quality and Operations Committee 06/21/18)**
- 2. Resolution No. 18-54, Execute Contract No. 160020, Capital Paving of D.C., Inc.**
The purpose of the contract is to replace water mains that have experienced failures, or have a history of low water pressure or water quality complaints. The contract amount is \$4,674,778. **(Recommended by Environmental Quality and Operations Committee 06/21/18)**
- 3. Resolution No. 18-55, Exercise Option Year Two of Contract No. 16-PR-DSS-32, Rodgers Brothers Custodial Services, Inc.** The purpose of the option is to continue the hauling/disposal services for excavation spoils, catch basin debris, floatable debris, trees, brush, log stumps, and general tree/wood materials from various DC Water sites to landfills. The option amount is \$420,000. **(Recommended by Environmental Quality and Operations Committee 06/21/18)**

Presented and Approved: July 5, 2018
SUBJECT: Approval to Execute Contract No. DCFA #493-WSA,
Greeley and Hansen LLC

#18-49
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on July 5, 2018 upon consideration of a joint use matter, decided by a vote of ___() in favor and ___() opposed to execute Contract No. DCFA #493-WSA, Greeley and Hansen LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. DCFA #493-WSA, Greeley and Hansen LLC. The purpose of the Professional Services is to assist DC Water and Sewer Authority in the continuing implementation of its Long Term Control Plan (LTCP) to control combined sewer overflow (CSO) discharges to the Anacostia and Potomac Rivers and Rock Creek, and to reduce. The contract amount is \$75,702,068.

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
DC CLEAN RIVERS PROJECT
PROGRAM MANAGEMENT FOR PROFESSIONAL ENGINEERING SERVICES
(Joint Use)**

Approval to execute an architectural and engineering services contract for \$75,702,068.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Greeley and Hansen LLC 5301 Shawnee Road Suite 400 Alexandria, VA 22312	MBE/WBE/CBE Eligible Amounts: Tunnel and Shared Services \$ 63,015,533.00 MBE \$ 17,644,349.24 WBE \$ 2,520,621.32	28.0%
<u>Headquarters</u> Chicago, IL	Green Infrastructure Services \$ 12,686,535.00 <u>CBE \$ 6,343,267.50</u>	4.0%
	Total Eligible \$ 75,702,068.00 MBE/WBE/CBE Total \$ 26,508,238.06	50.0%
	See Attachment A for List of MBE/WBE/CBE Subcontractor Participation	

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$75,702,068.00
 Contract Time: 1,095 Days (3 Years, 0 Months)*
 Anticipated Contract Start Date: 10-01-2018
 Anticipated Contract Completion Date: 09-30-2021

* Agreement also provides for 2 option years
 Other firms submitting proposals/qualification statements:
 None**
 ** Only Greeley and Hansen LLC responded and was shortlisted

Purpose of the Contract:

The purpose of the Professional Services is to assist DC Water and Sewer Authority in the continuing implementation of its Long Term Control Plan (LTCP) to control combined sewer overflow (CSO) discharges to the Anacostia and Potomac Rivers and Rock Creek, and to reduce flooding in the Northeast areas of the District. The DC Clean Rivers (DCCR) department is the organization responsible for managing and overseeing the implementation of the LTCP.

This work is required by a Consent Decree.

Contract Scope:

- Provide all necessary resources and technical services for managing multiple planning, design, procurement, contracting, construction management, execution and oversight functions of the DCCR Project to achieve a unified and coordinated planning, design and construction program that complies with all the requirements of the amended Consent Decree and the NPDES Permit.

Federal Grant Status:

- The engineering services contract may be funded in part by congressional appropriations, if additional funding becomes available.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Professional Services	Contract Number:	DCFA #493-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

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

ESTIMATED USER SHARE INFORMATION**CY – Allocation (LTCP- Div. J-NEBT: CSO 019 to W Street)**

User	Share %	Dollar Amount
District of Columbia	92.90%	\$ 10,411,396.50
Federal Funds***	0.00%	\$
Washington Suburban Sanitary Commission	5.54%	\$ 620,873.38
Fairfax County	1.01%	\$ 113,191.72
Loudoun County & Potomac Interceptor	0.55%	\$ 61,639.05
Total Estimated Dollar Amount	100.00%	\$ 11,207,100.65

CY – Allocation (CAPM Div. J-NEBT: W Street to R Street)

User	Share %	Dollar Amount
District of Columbia	100.00%	\$12,637,794.35
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%	\$12,637,794.35

CY – Allocation (Long Term Engineering Management (LTEM) Shared Services)

User	Share %	Dollar Amount
District of Columbia	94.91%	\$14,472,625.64
Federal Funds***	0.00%	\$
Washington Suburban Sanitary Commission	3.97%	\$ 605,376.92
Fairfax County	0.71%	\$ 108,266.40
Loudoun County & Potomac Interceptor	0.41%	\$ 62,520.04
Total Estimated Dollar Amount	100.00%	\$15,248,789.00

CZ – Allocation (LTCP – Potomac River Tunnel)

User	Share %	Dollar Amount
District of Columbia	92.90%	\$19,679,847.74
Federal Funds***	0.00%	\$
Washington Suburban Sanitary Commission	5.54%	\$ 1,173,588.34
Fairfax County	1.01%	\$ 213,957.44
Loudoun County & Potomac Interceptor	0.55%	\$ 116,511.48
Total Estimated Dollar Amount	100.00%	\$21,183,905.00

CZ – Allocation (CAPM – Potomac Green Infrastructure)

User	Share %	Dollar Amount
District of Columbia	100.00%	\$7,618,140.00
Federal Funds***	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$7,618,140.00

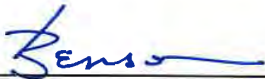
DZ – Allocation (CAPM – Rock Creek Green Infrastructure)

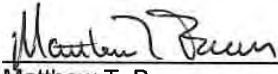
User	Share %	Dollar Amount
District of Columbia	100.00%	\$7,806,339.00
Federal Funds***	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$7,806,339.00

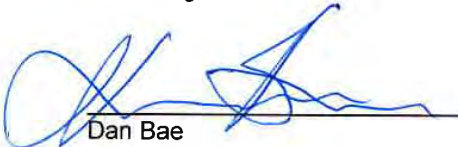
Total Combined Allocation

User	Share %	Dollar Amount
District of Columbia	95.93%	\$72,626,143.23
Federal Funds***	0.00%	\$
Washington Suburban Sanitary Commission	3.17%	\$ 2,399,838.64
Fairfax County	0.58%	\$ 435,415.56
Loudoun County & Potomac Interceptor	0.32%	\$ 240,670.57
Total Estimated Dollar Amount	100.00%	\$75,702,068.00

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


 Leonard R. Benson
 Chief Engineer
 Date 6-12-18


 Matthew T. Brown
 Chief Financial Officer
 Date 6/15/18


 Dan Bae
 Director of Procurement
 Date 6/15/18


 David L. Gadis
 CEO and General Manager
 Date 6/20/18

ENGINEERING SERVICES CONTRACT DCFA#493
PROGRAM MANAGEMENT FOR PROFESSIONAL ENGINEERING SERVICES
ATTACHMENT A- SUBCONTRACTOR LISTING
PARTICIPATION AND DOLLAR AMOUNT

SUB CONSULTANTS	MBE/WBE/CBE	PARTICIPATION	AMOUNT
<u>CBE Applicable to GI-Dedicated Services</u>			
Delon Hampton & Associates Washington, DC	CBE	20.00%	\$2,537,307.00
Mckissack & Mckissack Washington, DC 20001	CBE	20.00%	\$2,537,307.00
Soil & Land Use Technology, Inc. Washington, DC 20002	CBE	10.00%	\$1,268,653.50
<u>MBE/WBE Applicable to Tunnel and Shared Services:</u>			
Shrewsberry & Associates, LLC Indianapolis, IN 46256	MBE	6.00%	\$3,780,931.98
JCK Underground Boston, MA 02205	MBE	5.00%	\$3,150,776.65
Mckissack & Mckissack Washington, DC 20001	MBE	5.00%	\$3,150,776.65
Delon Hampton & Associates Washington, DC 20001	MBE	3.00%	\$1,890,465.99
Interagency Rockville, MD 20850	MBE	3.00%	\$1,890,465.99
MNK Consultant Woodbridge, VA 22192	MBE	3.00%	\$1,890,465.99
TBD ⁽¹⁾	MBE	3.00%	\$1,890,465.99
J-Dos International Washington, DC 20011	WBE	2.00%	\$1,260,310.66
LS Caldwell & Associates, Inc. Washington, DC 20011	WBE	1.00%	\$ 630,155.33
DP Consultants Washington, DC 20005	WBE	0.70%	\$ 441,108.73
P&B Risk Management Bristow, VA 20136	WBE	0.30%	\$ 189,046.60

ENGINEERING SERVICES CONTRACT DCFA#493
PROGRAM MANAGEMENT FOR PROFESSIONAL ENGINEERING SERVICES
ATTACHMENT A- SUBCONTRACTOR LISTING
PARTICIPATION AND DOLLAR AMOUNT

SUB CONSULTANTS	MBE/WBE/CBE PARTICIPATION	AMOUNT
<u>None-MBE/ WBE Sub Consultants</u>		
AECOM ⁽²⁾ Arlington, VA	N/A	\$
Cliff Forrester LLC ⁽²⁾ Young Harris, GA	N/A	\$
Hazen & Sawyer ⁽²⁾ Fairfax, VA	N/A	\$
Infrastructure Project Services ⁽²⁾ Vienna, VA	N/A	\$
JA Underground ⁽²⁾ San Francisco	N/A	\$
Johnson, Miriam & Thompson ⁽²⁾ Hunt Valley, MD	N/A	\$
LandQuest Ventures ⁽²⁾ Leesburg, VA	N/A	\$
Limno-Tech, Inc. ⁽²⁾ Washington, DC	N/A	\$
Mueser Rutledge Consulting Engineers ⁽²⁾ Washington, DC	N/A	\$
Stantec Consulting ⁽²⁾ Laurel, MD	N/A	\$
Wallace Roberts & Todd ⁽²⁾ Philadelphia, PA	N/A	\$

Notes:

- ⁽¹⁾ A competitive procurement will be held to select an MBE firm to perform geotechnical investigations/drilling. If an MBE driller is not selected, the share of others on the team will be increased to meet the 28% MBE goal.
- ⁽²⁾ The level of participation of these Sub Consultants depends on the nature of services required to implement the project.

Presented and Approved: July 5, 2018
SUBJECT: Approval to Execute Contract No. DCFA #494-WSA,
Whitman, Requardt & Associates, LLP

#18-50
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on July 5, 2018 upon consideration of a joint use matter, decided by a vote of ___() in favor and ___() opposed to execute Contract No. DCFA #494-WSA, Whitman, Requardt & Associates, LLP.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. DCFA #494-WSA, Whitman, Requardt & Associates, LLP. The purpose of the contract is to provide professional architectural/engineering and related services for the DC Water Facilities on an as-needed basis through individually negotiated task orders. The contract amount is \$6,000,000.

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

ENGINEERING SERVICES:

**Water, Sewer & Wastewater Treatment Facilities
Basic Ordering Agreement 7
(Joint Use)**

Approval to execute an architectural and engineering services contract for \$6,000,000.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Whitman, Requardt & Associates, LLP 801 South Caroline Street, Baltimore, MD 21231	C. C. Johnson and Malhotra, P.C. Rockville, MD	MBE 13.0%
	Savin Engineers, PC Pleasantville, NY	MBE 8.0%
	EPCM, Inc. Burke, VA	MBE 5.0%
	E2CR, Inc Baltimore, MD	MBE 2.0%
	Albrecht Engineering Baltimore, MD	WBE 3.0%
	Phoenix Parkton, MD	WBE 1.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$6,000,000
 Contract Time: 1826 Days (5 Years)
 Anticipated Contract Start Date (NTP): 09-03-2018
 Anticipated Contract Completion Date: 09-03-2023
 Other firms submitting proposals/ qualification statements:
 ARCADIS Hazen & Sawyer, PC*
 CH2M Hill Engineers JMT*
 Gannett Fleming Engineers & Architects, PC O'Brien & Gere Engineers, PC *
 GDH Inc.

* Asterisk indicates short listed firms.

Purpose of the Contract:

To provide professional architectural/engineering and related services for the DC Water Facilities on an as-needed basis through individually negotiated task orders.

Contract Scope:

- Work will be accomplished under a series of definitive Task Orders. Each Task Order will identify the scope of work, deliverables, compensation, and schedule for performing the task. The task orders will provide engineering and technical studies, concept designs, final designs, and services during bid and construction phases as needed.
- Professional services are anticipated in the following disciplines and support services: civil, structural, architectural, mechanical process, HVAC, instrumentation and control, electrical and support activities such as value engineering studies, preparation of standard specifications, surveys, and subsurface investigations.
- Projects will include upgrades and additions to various DC Water facilities.

PROCUREMENT INFORMATION

Contract Type:	Cost plus fixed fee/ Lump Sum	Award Based On:	Highest Ranking Score.
Commodity:	Engineering Design Services	Contract Number:	DCFA #494-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION


Funding:	Capital	Department:	Wastewater Engineering
Service Area:	Water, Sewer, Sanitary, CSO	Department Head:	Diala Dandach
Project:	BC, J2, PF, LD, BT, I5		


****USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.22%	\$ 2,473,200.00
Washington Suburban Sanitary Commission	45.84%	\$ 2,750,400.00
Fairfax County	8.38%	\$ 502,800.00
Loudoun County & Potomac Interceptor	4.56%	\$ 273,600.00
Total Estimated Dollar Amount	100.00%	\$ 6,000,000.00

** Work under this contract will be assigned as needed under specific task orders. It is anticipated that Joint Use work may be assigned during the contract period. As tasks are developed for work associated with specific facilities and costs are developed, the individual users will be notified and billed according to agreed cost sharing.

 , 6-12-18
 Leonard R. Benson Date
 Chief Engineer

 , 6/15/18
 Dan Bae Date
 Director of Procurement

 , 6/15/18
 Matthew T. Brown Date
 Chief Financial Officer

 , 6/28/18
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: July 5, 2018

SUBJECT: Approval of Additional Funds for Contract No. 16-PR-HCM-44-AC, MB Staffing Services LLC

**#18-51
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on July 5, 2018 upon consideration of a joint use matter, decided by a vote of __() in favor and __() opposed to add funding for Contract No. 16-PR-HCM-44-AC, MB Staffing Services LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to add funding to Contract No. 16-PR-HCM-44-AC, MB Staffing Services LLC. The purpose is to modify the existing contract by adding additional funds to the temporary staffing contract. The additional funding amount is \$240,000.

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

**TO ADD FUNDS TO GOODS AND SERVICES MODIFICATION
For Temporary Staffing Services
(Joint Use)**

Approval to add funds to the contract 16-PR-HCM-44-AC, for Temporary Staffing Services in the amount of \$240,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: MB Staffing Services LLC 819 7 th St. Suite 311 Washington DC, 20001 LSBE	SUBS:	PARTICIPATION: N/A
--	--------------	------------------------------

DESCRIPTION AND PURPOSE

Original Contract Value:	\$200,000.00
Original Contract Dates:	11/01/2016 – 10/31/2017
No. of Option Years in the contract:	1
Contract Modification No. 1 Value:	\$36,400.00
Contract Modification No. 1 Dates:	04/01/2017 – 10/31/2017
Contract Modification No. 2 Value:	\$283,512.31
Contract Modification No. 2 Dates:	06/01/2017 – 10/31/2017
Option Year No.1 Value:	\$400,000.00
Option Year No.1 Dates:	11/01/2017 – 10/31/2018
Contract Modification No. 4 Value:	\$250,000.00
Contract Modification No. 4 Dates:	02/15/2017 – 10/31/2018
Contract Modification No. 5 Value:	\$268,859.20
Contract Modification No. 5 Dates:	03/19/2017 – 10/31/2018
Contract Modification No. 6 Value:	\$140,830.40
Contract Modification No. 6 Dates:	05/21/2017 – 10/31/2018
Contract Modification No. 7 Value:	\$240,000.00
Contract Modification No. 7 Dates:	06/07/2017 – 10/31/2018

Purpose of the Contract:

The Contract for Temporary Staffing Services for DC Water is managed by the Department of Human Capital Management. Departments submit their individual requests to procurement for temporary staffing services as their need arises. Currently, External Affairs, Permit Operations, Finance, Waste Water Services, Board of Directors, Fleet and Procurement are using the contract.

Contract Modification:

This action is to modify the existing contract by adding additional funds to the temporary staffing contract. The additional funds are specifically for the Departments of Fleet and Water Services. This option will incur an additional contract cost of \$240,000.00.

The modification is needed for these departments:

- Fleet: to extend contract for the CDL Program temporary personnel.
- Water Services: to extend contract for their current business analyst in their business office.

Spending Previous Year:

Cumulative Contract Value:	11-01-2016 to 05-25-2018: \$ 1,579,601.91
Cumulative Contract Spending:	11-01-2016 to 05-25-2018: \$ 1,454,601,91

Contractor's Past Performance:

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

PROCUREMENT INFORMATION

Contract Type:	Fixed Hourly Rate	Award Based On:	Highest Ratings
Commodity:	Good and Services	Contract Number:	16-PR-HCM-44-AC
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

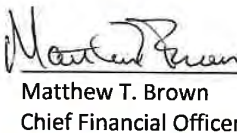
Funding:	Operating	Department:	HCM
Project Area:	DC Water Wide	Department Head:	Roger Brown

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	41.90%	\$ 100,560
Washington Suburban Sanitary Commission	43.10%	\$ 103,440
Fairfax County	9.59%	\$ 23,016
Loudoun Water	4.64%	\$ 11,136
Other (PI)	0.77%	\$ 1,848
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$ 240,000


 Mustaafa Dozier
 Chief of Staff, General Manager
 Date: 6/15/18


 Dan Bae
 Director of Procurement
 Date: 6/15/17


 Matthew T. Brown
 Chief Financial Officer
 Date: 6/15/18


 David Gadis
 CEO/General Manager
 Date: 6/18/18

Presented and Approved: July 5, 2018
SUBJECT: Approval to Execute Change Order No. 01 of Contract No. 160010, Fort Myer Construction Corporation

#18-52
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on July 5, 2018 upon consideration of a non-joint use matter, decided by a vote of ___() in favor and ___() opposed to execute Change Order No. 01 of Contract No. 160010, Fort Myer Construction Corporation.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Change Order No. 01 of Contract No. 160010, Fort Myer Construction Corporation. The purpose of the change order is to increase the contract cost value to offset the costs associated with the increase of emergency main repairs during the winter season. The change order amount is not-to-exceed \$7,000,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

CONSTRUCTION CONTRACT CHANGE ORDER:

**Water Main Infrastructure Repair and Replacement Contract for FY17 - FY19
(Non-Joint Use)**

Approval to execute Change Order No. 01 not to exceed \$7,000,000. The modification will exceed the General Manager's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Fort Myer Construction Corporation 2237 33 rd Street, NE Washington, DC 20018	S & J Services, Inc. Hyattsville, MD MBE	32.0%
	Hybrid Construction Washington, DC WBE	6.0%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$ 16,935,772.16
Value of this Change Order:	\$ 7,000,000.00 (Not to Exceed)
Cumulative CO Value, including this CO:	\$ 7,000,000.00
Current Contract Value, including this CO:	\$ 23,935,772.16
Contract Time:	1095 Days (3 Years, 0 Months)
Time Extension, this CO:	0 Days
Total CO Contract Time Extension:	0 Days
Contract Start Date (NTP):	10-01-2016
Contract Completion Date:	10-01-2019
Cumulative CO % of Original Contract:	41.3%
Contract Completion %:	73.2%

Purpose of the Contract:

To perform emergency and non-emergency water main repair and replacement work

Original Contract Scope:

- Emergency repair of water distribution assets
- Scheduled repair/replacement of water mains, valves, service lines and hydrants
- Special projects such as pipe condition assessments, internal repairs of water mains by joint seal installation or clean and line methods, pumping station/reservoir rehab projects

Current Change Order Scope:

- The volume of emergency main repairs increased dramatically this winter season. In January 2018 alone, 73 main breaks were repaired at a total cost of nearly \$1.6M. Also numerous special projects were assigned to this contract and are detailed in the bullet below. These projects were larger and more complex than the average, routine emergency repairs and as a result have greatly impacted the contract threshold. In just eighteen months from the start of a three-year-term contract, 73% of the contract value has already been exhausted. The purpose of this change order is to increase the contract cost value to offset the costs associated with these and other projects
- This contract was used to undertake numerous special projects that required urgent action including large valve installations; Anacostia PS Spill Header installation; Key Bridge Meter/Vault installation; Installation of Air Valves at Bryant St Pumping Station; M Street Corridor Pipe Condition Assessment; Joint Seal Repair of 48" Discharge Main on West Low Service at Bryant St; Fort Reno Pumping Station Leak Repair; and Internal Joint Seal Repair of 30" Water Main at Fort Stanton Reservoir. A bypass piping system was installed and

operated in conjunction with a small diameter water main replacement on 1600 block of Tuckerman St, NW.

- Additionally, 543 lead service lines have been replaced to date under the LSR Demand Program and 170 Fire Hydrants have been replaced to date.

Federal Grant Status:


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


PROCUREMENT INFORMATION			
Contract Type:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	160010
Contractor Market:	Open Market		

BUDGET INFORMATION			
Funding:	Capital	Department:	Water Services
Service Area:	Water	Department Head:	Jason Hughes
Project:	GS, HY, BW		

ESTIMATED USER SHARE INFORMATION		
User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 7,000,000.00
Federal Funds	0.00%	\$
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$ 7,000,000.00

 6/8/18
 Charles Kiely Date
 Assistant General Manager,
 Customer Care & Operations

 6/15/18
 Dan Bae Date
 Director of Procurement

 6/15/18
 Matthew T. Brown Date
 Chief Financial Officer

 6/28/18
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: July 5, 2018
SUBJECT: Approval to Execute Contract No. 170210, Sagres Construction Corp.

#18-53
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on July 5, 2018 upon consideration of a non-joint use matter, decided by a vote of ___() in favor and ___() opposed to execute Contract No. 170210, Sagres Construction Corp.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 170210, Sagres Construction Corp. The purpose of the contract is to replace water mains that have experienced failures, or have a history of low water pressure or water quality complaints. The contract amount is \$5,467,190.

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 12b2
(Non-Joint Use)**

Approval to execute a construction contract for \$5,467,190.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Sagres Construction Corp. 8350 Terminal Rd. Suite A Lorton, VA 22709	Crown Construction Service, Inc. Lanham, MD	MBE 14.2%
	RCE Construction LLC Springfield, VA	MBE 9.1%
	Joe Epes Company, Inc. Baltimore, MD	MBE 8.2%
	Deetec Engineers & Surveyors Germantown, MD	MBE 0.5%
	Acorn Supply and Distributing White Marsh, MD	WBE 6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$5,467,190.00
Contract Time:	517 Days (1 Year, 5 Months)
Anticipated Contract Start Date (NTP):	10-01-2018
Anticipated Contract Completion Date:	03-31-2020
Bid Opening Date:	11-15-2017
Bids Received:	6
Other Bids Received	
Anchor Construction Corp.	\$ 5,577,197.15
Garney Companies, Inc.	\$ 5,602,285.00
Fort Myer Construction Corp.	\$ 5,618,004.77
Capital Paving of D.C., Inc.	\$ 5,903,791.00
Civil Construction LLC.	\$ 6,424,234.00

Purpose of the Contract:

Replace water mains that have experienced failures, or have a history of low water pressure or water quality complaints.

Contract Scope:

- Replace 1,192 LF of 12-inch, 7,558 LF of 8-inch, 356 LF of 6-inch, and 322 LF of 4-inch water mains and associated valves and appurtenances.
- Replace water services, curb stops and curb stop boxes in public space as required including replacement of any lead service lines.
- Replace private lead service lines, including penetration through building wall, connection to first fitting inside the building and installation of a shutoff valve and pressure reducing valve, as requested by property owner.
- Provide permanent pavement and surface restoration.

Federal Grant Status:

- Construction contract is eligible for Federal grant funding assistance and grant funding has been awarded.

PROCUREMENT INFORMATION

Contract Type:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	170120
Contractor Market:	Open Market		


BUDGET INFORMATION

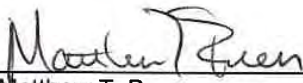
Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water	Department Head:	Craig Fricke
Project:	DE, BW		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	40.00%	\$ 2,186,876.00
Federal Funds	60.00%	\$ 3,280,314.00
Washington Suburban Sanitary Commission	0.00%	\$
Fairfax County	0.00%	\$
Loudoun County & Potomac Interceptor	0.00%	\$
Total Estimated Dollar Amount	100.00%	\$ 5,467,190.00


 Leonard R. Benson
 Chief Engineer
 Date: 6-12-18


 Dan Bae
 Director of Procurement
 Date: 6/15/18


 Matthew T. Brown
 Chief Financial Officer
 Date: 6/15/18


 David L. Gadis
 CEO and General Manager
 Date: 6/28/18

Presented and Approved: July 5, 2018
SUBJECT: Approval to Execute Contract No. 160020
Capital Paving of D.C., Inc.

#18-54
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on July 5, 2018 upon consideration of a non-joint use matter, decided by a vote of ___() in favor and ___() opposed to execute Contract No. 160020, Capital Paving of D.C., Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 160020, Capital Paving of D.C., Inc. The purpose of the contract is to replace water mains that have experienced failures, or have a history of low water pressure or water quality complaints. The contract amount is \$4,674,778.

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 13A
(Non-Joint Use)**

Approval to execute a construction contract for \$4,674,778.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Capital Paving of D.C., Inc. 2211 Channing Street, NE Washington, DC 20018	Aves Construction Corp. Temple Hills, MD MBE	32.0%
	Acorn Supply & Distributing, Inc. White Marsh, MD WBE	6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$4,674,778.00
Contract Time:	310 Days (0 Years, 10 Months)
Anticipated Contract Start Date (NTP):	10-01-2018
Anticipated Contract Completion Date:	08-07-2019
Bid Opening Date:	11-01-2017
Bids Received:	7
Other Bids Received	
Sagres Construction Corp.	\$ 5,333,735.00
Civil Construction, LLC	\$ 5,445,036.00
Ft. Myer Construction Corp.	\$ 5,524,859.31
Anchor Construction Corp.	\$ 5,664,269.00
Garney Companies, Inc.	\$ 5,953,371.00
J. Fletcher Creamer & Son, Inc.	\$ 6,679,406.00

Purpose of the Contract:

Replace water mains that have experienced failures, or have a history of low water pressure or water quality complaints.

Contract Scope:

- Replace 27 LF of 12-inch, 4,700 LF of 8-inch, 615 LF of 6-inch, 990 LF of 4-inch, and 170 LF of 3-inch water mains and associated valves and appurtenances.
- Replace water services, curb stops and curb stop boxes in public space as required including replacement of any lead service lines.
- Replace private lead service lines, including penetration through building wall, connection to first fitting inside the building and installation of a shutoff valve and pressure reducing valve, as requested by property owner.
- Provide permanent pavement and surface restoration.

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:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	160020
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	100.00%	\$ 4,674,778.00
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%	\$ 4,674,778.00

* Eligible for Federal Grant Funding at 80% of the District of Columbia share. Grant funding is insufficient to fund all eligible contracts. Federal Grant Funding may be used if additional funding becomes available or if other eligible projects are postponed

Craig D. Fricke, 6-15-18
 for Leonard R. Benson, Chief Engineer Date

[Signature], 6/15/18
 Dan Bae, Director of Procurement Date

[Signature], 6/15/18
 Matthew T. Brown, Chief Financial Officer Date

[Signature], 6/28/18
 David L. Gadis, CEO and General Manager Date

Presented and Approved: July 5, 2018

SUBJECT: Approval to Exercise Option Year Two of Contract No. 16-PR-DSS-32, Rodgers Brothers Custodial Service, Inc.

**#18-55
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on July 5, 2018 upon consideration of a non-joint use matter, decided by a vote of ___() in favor and ___() opposed to exercise Option Year Two of Contract No. 16-PR-DSS-32, Rodgers Brothers Custodial Service, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to exercise Option Year Two of Contract No. 16-PR-DSS-32, Rodgers Brothers Custodial Service, Inc. The purpose of the option is to continue the hauling/disposal services for excavation spoils, catch basin debris, floatable debris, trees, brush, log stumps, and general tree/wood materials from various DC Water sites to landfills. The option amount is \$420,000.

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

**Hauling & Disposal of Excavation Spoils & Debris
(Non-Joint Use)**

Approval to exercise option year two (2) for the hauling of catch basin and excavation spoils in the amount of \$420,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Rodgers Brothers Custodial Service, Inc. 2230 Lawrence Avenue, NE Washington, DC 20018 LSBE	SUBS: N/A	PARTICIPATION: N/A
---	---------------------	------------------------------

DESCRIPTION AND PURPOSE

Original Contract Value:	\$696,500.00
Original Contract Dates:	07/01/2016 – 07/31/2017
No. of Option Years in Contract:	2
Option Year 1 Value:	\$108,284.57
Option Year 1 Dates:	08/01/2017 – 07/31/2018
Option Year 2 Value:	\$420,000.00
Option Year 2 Dates:	08/01/2018 – 07/31/2019

Purpose of the Contract:

This contract provides DC Water’s Department of Sewer Services (DSS) with hauling/disposal services for excavation spoils, catch basin debris, floatable debris, trees, brush, log stumps, and general tree/wood material from various DC Water sites to landfills.

Contract Scope:

The Contractor shall provide all labor, management, supervision, personnel, and equipment required to load, haul and dispose of waste material including construction/excavation spoils, catch basin debris, floatable debris, trees, brush, log stumps and general tree/wood, mechanical street sweeping debris, junk, tires, metal, dirt, leaves, and mixed trash (collectively “Waste Material”) from DC Water sites. The Contractor shall also provide roll off containers for collection of floatable debris.

Spending Previous Year:

Cumulative Contract Value:	07/01/2016 to 07/31/2018: \$804,784.57
Cumulative Contract Spending:	07/01/2016 to 05/18/2018: \$690,481.43

Contractor’s Past Performance:

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

PROCUREMENT INFORMATION

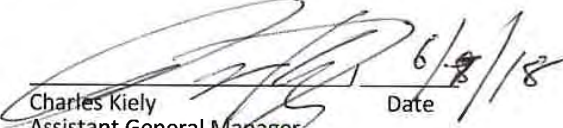
Contract Type:	Fixed Price	Award Based On:	Best Value
Commodity:	Services	Contract Number:	16-PR-DSS-32
Contractor Market:	Open Market with Preference Points for LBE and LSBE participation		

BUDGET INFORMATION

Funding:	Operating	Department:	DSS
Service Area:	Various Sites	Department Head:	Cuthbert Braveboy

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100	\$420,000.00
Washington Suburban Sanitary Commission	0	-
Fairfax County	0	-
Loudoun Water	0	-
Other (PI)	0	-
TOTAL ESTIMATED DOLLAR AMOUNT	100.00	\$420,000.00


 Charles Kiely
 Assistant General Manager,
 Customer Care & Operations

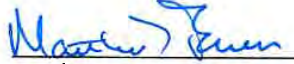
Date

6/8/18


 Dan Bae
 Director of Procurement

Date

6/8/18


 Matthew T. Brown
 Chief Financial Officer

Date

6/12/18


 David L. Gadis
 General Manager and CEO

Date

6/28/18

Presented and Adopted: July 5, 2018

SUBJECT: Approval of Fiscal Year 2019 and Fiscal Year 2020 Metered Water and Sewer Service Rates, Right-of-Way (ROW), Payment-in-Lieu of Taxes (PILOT) Fee, and Clean Rivers Impervious Area Charge (CRIAC)

**#18-56
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The District members of the Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“DC Water”) at the Board meeting held on July 5, 2018 upon consideration of a non-joint use matter, decided by a vote of ___ () in favor and ___ () opposed, to approve the following actions with respect to the Fiscal Year 2019 and Fiscal Year 2020 Metered Retail Rates for Water and Sewer Service, Clean Rivers Impervious Area Charge (IAC), the Right-of-Way Occupancy Fee Pass Through Charge (ROW), and Payment In Lieu of Taxes Fee (PILOT).

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

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

WHEREAS, DC Water has three classes of customers: Residential, Multi-family and Non-Residential, in accordance with Section 4104 of Title 21 of the District of Columbia Municipal Regulations (DCMR); and

WHEREAS, on February 20, 2018, the DC Retail Water and Sewer Rates Committee met to consider changes in the rates, charges and fees for Fiscal Year (“FY”) 2019 & FY 2020; and

WHEREAS, on March 1, 2018, the Board approved proposed rates, charges and fee changes for publication in the District of Columbia Register (“*D.C. Register*”); and

WHEREAS, on March 16, 2018, DC Water published Notice of Proposed Rulemaking (NPR) in the *D.C. Register* (DCR) at 65 DCR 2730; and

WHEREAS, the NOPR, if adopted, would implement a combined retail water and sewer rate increase of \$1.27 per one hundred cubic feet (“Ccf”) (\$1.70 per 1,000 gallons) for the first 4 Ccf of Residential customer’s water use (Lifeline) for FY 2019 and \$0.54 per one hundred cubic feet (“Ccf”) (\$0.72 per 1,000 gallons) for the first 4 Ccf of Residential customer’s water use (Lifeline) for FY 2020; and

WHEREAS, the proposed increase in Lifeline water (Residential customer’s first 4 Ccf) and sewer rates will result in a combined water and sewer rate of \$10.66 per Ccf (\$14.25 per 1,000 gallons) of metered water and sewer use for FY 2019 and a combined water and sewer rate of \$11.20 per Ccf (\$14.97 per 1,000 gallons) for FY 2020; and

WHEREAS, the NOPR, if adopted, would implement a combined retail water and sewer rate increase of \$1.39 per Ccf (\$1.85 per 1,000 gallons) for water usage greater than 4 Ccf for Residential customers for FY 2019 and a combined retail water and sewer rate increase of \$0.59 per Ccf (\$0.79 per 1,000 gallons) for water usage greater than 4 Ccf for Residential customers for FY 2020; and

WHEREAS, the proposed increase in water (Residential customers for water usage greater than 4 Ccf) and sewer rates will result in a combined water and sewer rate of \$11.65 per Ccf (\$15.57 per 1,000 gallons) of metered water and sewer use for FY 2019 and a combined water and sewer rate of \$12.24 per Ccf (\$16.36 per 1,000 gallons) of metered water and sewer use for FY 2020; and

WHEREAS, the NOPR, if adopted, would implement a combined retail water and sewer rate increase of \$1.32 per Ccf (\$1.77 per 1,000 gallons) for Multi-family customers for FY 2019 and a combined retail water and sewer rate increase of \$0.56 per Ccf (\$0.74 per 1,000 gallons) for Multi-family customers for FY 2020; and

WHEREAS, the proposed increase in Multi-family customer water and sewer rates will result in a combined water and sewer rate of \$11.12 per Ccf (\$14.87 per 1,000 gallons) of metered water and sewer use for FY 2019 and a combined water and sewer rate of \$11.68 per Ccf (\$15.61 per 1,000 gallons) of metered water and sewer use for FY 2020; and

WHEREAS, the NOPR, if adopted, would implement a combined retail water and sewer rate increase of \$1.40 per Ccf (\$1.88 per 1,000 gallons) for Non-Residential customers for FY 2019 and a combined retail rate increase of \$0.59 per Ccf (\$0.78 per 1,000 gallons) for Non-Residential customers for FY 2020; and

WHEREAS, the proposed increase in Non-Residential customer water and sewer rates will result in a combined water and sewer rate of \$11.80 per Ccf (\$15.78 per 1,000 gallons) of metered water and sewer use for FY 2019 and a combined water and sewer rate of \$12.39 per Ccf (\$16.56 per 1,000 gallons) of metered water and sewer use for FY 2020; and

WHEREAS, the NOPR, if adopted, would implement a decrease in the monthly Clean Rivers Impervious Area Charge by \$2.18 per Equivalent Residential Unit (ERU) for FY 2019 to \$23.00 per ERU; and an increase in the monthly Clean Rivers Impervious Area Charge by \$2.58 per Equivalent Residential Unit (ERU) for FY 2020 to \$25.58 per ERU to recover the \$2.7 billion in costs of the Combined Sewer Overflow Long-Term Control Plan (CSO-LTCP); and

WHEREAS, the NOPR, if adopted, would maintain the ROW fee at the current amount of \$0.18 per Ccf (\$0.24 per 1,000 gallons) of water used for FY 2019 and increase the ROW fee by \$0.01 per Ccf to \$0.19 per Ccf (\$0.25 per 1,000 gallons) for FY 2020 to recover the full cost of the District of Columbia government; and

WHEREAS, the NOPR if adopted, would implement an increase in the PILOT fee of \$0.01 per Ccf to \$0.50 Ccf (\$0.67 per 1,000 gallons) for FY 2019 and an increase in the PILOT fee of \$0.01 per Ccf to \$0.51 per Ccf (\$0.68 per 1,000 gallons) for FY 2020 to recover the full cost of the District of Columbia government fees; and

WHEREAS, adoption of these rates and fee changes would increase the monthly bill of the average Residential customer using 6.20 Ccf (or 4,638 gallons) by approximately \$6.02 per month or \$72.24 per year for FY 2019 and by approximately \$6.16 per month or \$73.92 per year for FY 2020; and

WHEREAS, on April 20, 2018, DC Water published a Notice of Public Hearing in the *D.C. Register* at 65 DCR 4395, for a public hearing on May 9, 2018 on NOPR; and

WHEREAS, a notice of the public hearing on the rate and fee proposals was also published on DC Water's website and in the Washington Post on May 3, 2018 and in the Washington Informer May 2018 edition for the period, May 3 through May 9, 2018; and

WHEREAS, eight (8) town hall meetings were conducted from March 27, 2018 through April 26, 2018 to receive comments on the rate and fee proposals; and

WHEREAS, on May 9, 2018, a public hearing was held to receive comments on the rate and fee proposals for FY 2019 & FY 2020, and comments received during the public comment period, and at the May 9, 2018 public hearing on the NOPR; and

WHEREAS, on June 26, 2018, the DC Retail Water and Sewer Rates Committee met to consider the rate proposals for FY 2019 & FY 2020; and

WHEREAS, on June 26, 2018, after having evaluated the revenue requirements, anticipated capital and operating expenditures various funding sources, public comments, and the recommendation of the General Manager, the DC Retail Water and Sewer Rate Committee recommended, that the rate and fee changes proposed in the NOPR for FY 2019 & FY 2020 be adopted by the Board of Directors; and

WHEREAS, after consideration of the recommendation of the DC Retail Water and Sewer Rates Committee, the report of the General Manager on this subject and public comments made at the May 9, 2018 public hearing and during the comment period and the open record period for the proposed rulemaking, the District members of the Board of Directors, upon further consideration and discussion, recommended in FY 2019 a decrease in the residential, multi-family and non-residential water volumetric rates, and an increase in the sewer volumetric rate, and a decrease in the CRIAC, and an increase in the PILOT, and maintain the ROW Fees, and in FY 2020 an increase in the residential, multi-family and non-residential water volumetric rates, and an increase in the sewer volumetric rate, and an increase in the CRIAC, and an increase in the PILOT and ROW Fees in accordance with the General Manager’s recommendation; and

WHEREAS, DC Water’s retail revenue projections for Fiscal Year 2019 reflect an approximate \$27.2 million increase due to the proposed \$37.9 million increase in retail water and sewer rates, an approximate \$0.1 million increase due to the proposed PILOT fee increase, and an approximate \$10.8 million decrease due to the proposed Clean Rivers IAC decrease; and

WHEREAS, DC Water’s retail revenue projections for Fiscal Year 2020 reflect an approximate \$26.8 million increase due to the proposed \$14.2 million increase in retail water and sewer rates, an approximate \$0.4 million increase due to the proposed PILOT fee increase, and an approximate \$12.2 million increase due to the proposed Clean Rivers IAC increase; and

NOW THEREFORE BE IT RESOLVED THAT:

1. The Board adopts for final rulemaking the following rates and fee:

Retail Metered Water Service Rates

- a. A change in the rate for metered water services:

	FY 2018		FY 2019		FY 2020		FY 2019 vs. FY 2018		FY 2020 vs. FY 2019	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers - (0 – 4)	\$3.39	\$4.53	\$2.91	\$3.89	\$3.06	\$4.09	(\$0.48)	(\$0.64)	\$0.15	\$0.20
Residential customers – (> 4)	\$4.26	\$5.70	\$3.90	\$5.21	\$4.10	\$5.48	(\$0.36)	(\$0.49)	\$0.20	\$0.27
Multi-Family customers	\$3.80	\$5.08	\$3.37	\$4.51	\$3.54	\$4.73	(\$0.43)	(\$0.57)	\$0.17	\$0.22
Non-Residential customers	\$4.40	\$5.88	\$4.05	\$5.42	\$4.25	\$5.68	(\$0.35)	(\$0.46)	\$0.20	\$0.26

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

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

	FY 2018		FY 2019		FY 2020		FY 2019 vs. FY 2018		FY 2020 vs. FY 2019	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers	\$6.00	\$8.02	\$7.75	\$10.36	\$8.14	\$10.88	\$1.75	\$2.34	\$0.39	\$0.52
Multi-Family customers	\$6.00	\$8.02	\$7.75	\$10.36	\$8.14	\$10.88	\$1.75	\$2.34	\$0.39	\$0.52
Non-Residential customers	\$6.00	\$8.02	\$7.75	\$10.36	\$8.14	\$10.88	\$1.75	\$2.34	\$0.39	\$0.52

- b. A decrease in the annual Clean Rivers Impervious Area Charge (CRIAC) from \$302.16 to \$276.00 per Equivalent Residential Unit (ERU) in FY 2019
- c. An increase in the annual Clean Rivers Impervious Area Charge (CRIAC) from \$276.00 to \$306.96 per Equivalent Residential Unit (ERU) in FY 2020.

The charge per ERU will be billed monthly at:

	FY 2018	FY 2019	FY 2020	FY 2019 vs. FY 2018	FY 2020 vs. FY 2019
	ERU	ERU	ERU	Incr. / (Decr.)	Incr. / (Decr.)
Residential customers	\$25.18	\$23.00	\$25.58	(\$2.18)	\$2.58
Multi-Family customers	\$25.18	\$23.00	\$25.58	(\$2.18)	\$2.58
Non-Residential customers	\$25.18	\$23.00	\$25.58	(\$2.18)	\$2.58

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

- d. There is no increase in the **Right-of-Way (ROW) Occupancy Fee** in FY 2019.

An increase in the **ROW Occupancy Fee** for FY 2020:

	FY 2018		FY 2019		FY 2020		FY 2019 vs. FY 2018		FY 2020 vs. FY 2019	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers	\$0.18	\$0.24	\$0.18	\$0.24	\$0.19	\$0.25	\$0.00	\$0.00	\$0.01	\$0.01
Multi-Family customers	\$0.18	\$0.24	\$0.18	\$0.24	\$0.19	\$0.25	\$0.00	\$0.00	\$0.01	\$0.01
Non-Residential customers	\$0.18	\$0.24	\$0.18	\$0.24	\$0.19	\$0.25	\$0.00	\$0.00	\$0.01	\$0.01

- e. An increase in the **Payment-in-Lieu of Taxes (PILOT) Fee** for FY 2019 and FY 2020:

	FY 2018		FY 2019		FY 2020		FY 2019 vs. FY 2018		FY 2020 vs. FY 2019	
	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.	Ccf	1,000 Gal.
Residential customers	\$0.49	\$0.66	\$0.50	\$0.67	\$0.51	\$0.68	\$0.01	\$0.01	\$0.01	\$0.01
Multi-Family customers	\$0.49	\$0.66	\$0.50	\$0.67	\$0.51	\$0.68	\$0.01	\$0.01	\$0.01	\$0.01
Non-Residential customers	\$0.49	\$0.66	\$0.50	\$0.67	\$0.51	\$0.68	\$0.01	\$0.01	\$0.01	\$0.01

2. The General Manager is authorized to take all steps necessary in his judgment and as otherwise required, to publish a notice of final rulemaking amending the District Municipal Regulations in accordance with the District of Columbia’s Administrative Procedure Act.

This resolution is effective immediately.

Secretary to the Board of Directors