



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
230TH MEETING OF THE BOARD OF DIRECTORS
Thursday, April 6, 2017
9:30 a.m.
5000 Overlook Avenue, SW
Room 407**

- I. Call to Order (First Vice Chair, Nicholas Majett)**
- II. Roll Call (Linda Manley, Board Secretary)**
- III. Approval of March 2, 2017 Minutes**
- IV. Chairman's Overview**
- V. Committee Reports**
 - 1. Human Resource and Labor Relations Committee (**Ellen Boardman**)
 - 2. Environmental Quality and Operations Committee (**James Patteson**)
- VI. CEO/General Manager's Report (CEO/General Manager George Hawkins)**
- VII. Summary of Contracts (FYI)**
- VIII. Consent Items (Joint Use)**
 - 1. Approval to Execute Option Year Two of Contract No. 15PR-DFS-05, Canon Solutions America, Inc. – Resolution No. 17-19 (Recommended by Environmental Quality and Operations Committee 03/16/17)
 - 2. Approval to Execute Supplemental Agreement No. 04 of Contract No. DCFA #425-WSA, HDR Engineering – Resolution No.17-20 (Recommended by Environmental Quality and Operations Committee 03/16/17)
 - 3. Approval to Execute Contract No. DCFA #482-WSA, RK&K – Resolution No. 17-21 (Recommended by Environmental Quality and Operations Committee 03/16/17)
- IX. Consent Items (Non-Joint Use)**
 - 1. Approval to Execute Contract No. 170010, United Plumbing and Mechanical, LLC – Resolution No. 17-22 (Recommended by Environmental Quality and Operations Committee 03/16/17)
 - 2. Approval to Execute Contract No. 140170, W.M. Schlosser Company, Inc. – Resolution No. 17-23 (Recommended by Environmental Quality and Operations Committee 03/16/17)

3. Approval to Execute Contract No. 150050, Capital Paving, Inc. – Resolution No. 17-24 (Recommended by Environmental Quality and Operations Committee 03/16/17)

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

XI. Adjournment (First Vice Chair, Nicholas Majett)

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 (5000 Overlook Avenue SW (Blue Plains – 4th Floor)

- Environmental Quality and Operations Committee – Thursday, April 20th @ 9:30 a.m.
- DC Retail Water and Sewer Rates Committee – Tuesday, April 25th @ 9:30 a.m.
- Audit Committee – Thursday, April 27th @ 9:30 a.m.
- Finance and Budget Committee – Thursday, April 27th @ 11:00 a.m.



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY**

BOARD OF DIRECTORS
Human Resources and Labor Relations
Committee
March 8, 2017

MEETING MINUTES

Committee Members Present

Bradley Frome – Committee Chairman
Matthew Brown, Board Chairman
Ellen Boardman
Rachna Butani Bhatt
Anthony Giancola

DC Water Staff Present

George Hawkins, CEO & General Manager
Henderson Brown, General Counsel
C. Mustaafa Dozier, Chief of Staff
Linda R. Manley, Board Secretary
Roger E. Brown Jr., Director, HCM

1. Call to Order

Chairman Frome called the meeting to order at 11:06 a.m. A motion was made to go into executive session early and the motion was granted.

2. Executive Session

The committee moved into executive session at 11:08 a.m. and reconvened into open session at 12:15p.m.

3. Retirement Incentives (Buy-Out)

In response to a request made by the Union Presidents at the January 11, 2017 HR and Labor Relations Committee meeting, Mr. Otho Milbourne, Supervisor of Total Rewards, gave a presentation on DC Water's experience with offering retirement incentives. This presentation specifically highlighted two prior experiences involving incentives offered to Civil Service Retirement System (CSRS) employees in 2003 and 2006.

Mr. Milbourne recalled in 2003 the District of Columbia Government offered an early-out incentive to its employees. Because the Authority is an independent agency the early-out program offered by the District was not available to Authority employees. However, the Board of Directors opted to mirror the District program and approved a \$30,000 incentive for CSRS employees. In response, Twenty-four (24) individuals who met the age and service requirements were identified and offered the incentive. Eighteen of those individuals accepted, while six declined and continued in their existing roles. The total cost of the incentive to DC Water was \$540,000.

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Mr. Milbourne, also recalled in 2006 there was another early retirement option offered to all CSRS employees by the District Government. This offering was made by the District without any financial incentives. DC Water employees were not eligible to participate in the District's program but again the Authority opted to mirror the District and offer a program to its employees. However, unlike the 2003 offering the 2006 program strategically excluded certain positions from participating in the early-out program because they were deemed to be critical to the continuity of operational services. Eleven employees accepted with no incentive from the Authority, there was no cost to DC. Water.

Mr. Milbourne noted that during the March 2015 HR and Labor Relations Committee meeting, the Union presidents requested that DC water consider offering buyouts for an early retirement incentive under CSRS with an option for phased retirement. Phased Retirement would allow employees to work part-time schedules, while drawing retirement benefits. During this process an employee would receive a partial annuity and continue accruing service toward their final annuity. CSRS early retirement requirements are as follows: Age 50 with 20 years of service or any age with 25 years of service. In order to offer such an incentive the Office of Personnel Management (OPM) requires that an Agency must demonstrate either a budget shortfall or a major reduction in force. Based on Federal regulations in 2015 when the Union Presidents requested the Authority to explore such an option DC Water did not meet those requirements. As a result, an alternate proposal was created for voluntary retirement that did not require OPM authorization.

A proposal to offer a retirement incentive to select employees was brought to the HR Labor Relations Committee on November 15, 2015. The Committee recommended the request be advanced to the Finance and Budget Committee for review. The proposal was brought to the Finance Committee on January 28, 2016, but was rejected and not recommended to the full Board.

4. 2017 Human Capital Management (HCM)

Mr. Dozier gave a presentation entitled "Achieving World-Class Human Capital Management". The presentation provided an overview of the programs and efforts to be implemented by the HCM department in 2017. The focus of the HCM Department in 2017 is to transition from a department focused on transactions, to one that is agile and strategic.

Mr. Dozier explained that the focus for 2017 is a set of programs known internally as that HCM Big Four: 1) Onboarding; 2) Advancing Blue; 3) Enhancing Blue (Maturity Model); and 4) Metrics.

HCM has defined onboarding as the process of integrating new employees into DC Water and providing them the tools, resources and development needed to become high performing employees. An onboarding continuum was created to track the employee engagement life cycle. At the end of the year, the focus is on three areas: quality of hire, performance and goals.

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Mr. Dozier presented information about the performance management process known internally as advancing blue. Four areas of focus are:

1. Alignment between strategy and performance
2. Building a culture of coaching
3. High-performing, results-oriented and engagement
4. Recognizing and rewarding high performers

Mr. Dozier stated that HCM is in the process of building maturity models that will identify the key processes within the department and then rate a level of maturity. The maturity model was piloted with HCM and IT and will be implemented through the entire organization.

Mr. Roger E. Brown Jr., Director, Human Capital Management (HCM), stated that from an HCM perspective, the Authority was negligent on reporting an analytical picture of the organization. HCM seeks to change that by providing a high level metric overview of various points throughout the year, to report back to the committee. Mr. Brown presented metrics for employee injuries for the year 2016, HCM and Safety collaborate on compliance to ensure that our workforce is prepared.

Mr. Dozier presented on four other areas of focus for 2017. Those areas included employee engagement, leading blue/leadership development pilot, and succession planning pilot and labor relations. He noted that there are five broad areas HCM seeks to identify:

1. Meaningful work and jobs,
2. Management practices and behaviors,
3. The work environment
4. Opportunities for development and growth
5. Trust in leadership.

HCM plans to acquire this data through an annual survey.

Mr. Dozier announced that HCM will launch the Leadership Development program (leading blue). Leading Blue includes 8 competencies that represent the core skills the department believes each leader must possess to lead the workforce of the future.

HCM seeks to develop a succession plan that will identify key positions and the abilities needed to be successful in the role. Fifteen will be senior leadership positions and fifteen will be operational positions. These individuals will pilot what it takes to run the assessments, develop individual plans, connect people to training and development and launch the results.

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Mr. Dozier explained that HCM would assess and identify what skills are required to be successful in the position, if the skills are available internally, and if not what is the plan to recruit.

Finally, the goal is to be effective in monitoring the data presented in the metrics and drive conversations deeper around trends and activities. Committee members expressed their gratitude for providing such an informative presentation.

5. Revised Protocol for Union Presidents' Meetings

Chairman Frome distributed to the Committee members and to the Union Presidents who were in attendance at the meeting a copy of the revised protocol for Union Presidents' presentations to the Committee. The Presidents provided their written comments to the protocol. Chairman Frome extended his thanks and advised that the comments would be taken under advisement.

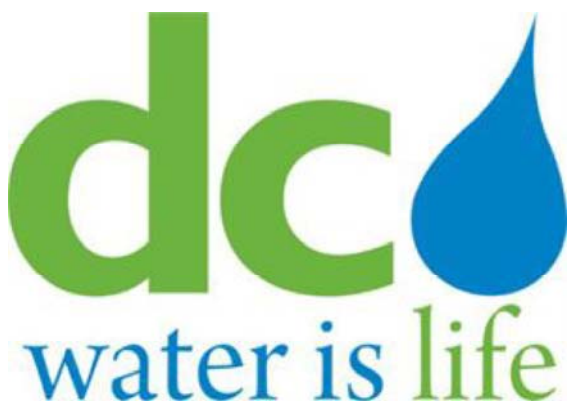
6. Adjournment

The meeting adjourned at 1:01 p.m.

FOLLOW-UP ITEMS:

The Board of Directors would like information regarding the following:

- A report on the number of Veterans employed by DC Water
- What jobs within the Authority are occupied by employees 20-29 years of age
- A metric to the dashboard concerning safety.



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Committee Meeting**

Thursday, March 16, 2017

9:36 a.m.

MEETING MINUTES

Committee Members

James Patteson, Chairperson
Anthony Giancola
Howard Gibbs
David Lake
Rev. Kendrick Curry

DC Water Staff Present

Leonard Benson, Chief Engineer
Charles Kiely, AGM, Customer Care and
Operations
Henderson L. Brown, General Counsel
Linda Manley, Board Secretary

I. Call to Order

Mr. Patteson called the meeting to order at 9:36 A.M.

II. AWTP STATUS UPDATES

1. BPAWTP Performance

Mr. Aklile Tesfaye, Assistant General Manager for Wastewater Treatment, began the update by reporting the monthly average influent flow for February 2017 was 243 MGD. There was no excess flow during this reporting period. Total precipitation was 4.68 inches for the month of February. Mr. Tesfaye also stated that plant effluent quality was excellent. The Committee noted that the Bloom marketing and sales goals for 2016 were more or less met and noted that the goals for 2017 were much higher (i.e., 9000 tons) and inquired whether DC Water believed that this was achievable. Mr. Tesfaye responded that to-date, 1000 tons of Bloom has been sold with a further commitment of 7000 tons by different firms and therefore, DC Water is cautiously optimistic that the 2017 sales goals will be met.

Mr. Tesfaye highlighted the Plant Influent Flow Trend graph and stated that the intent of this graph is to show long-term influent trend in relation to rainfall and below surface, ground water level.

Mr. Tesfaye continued the update by stating that the enhanced nitrogen removal facility is performing well; producing a total nitrogen (TN) concentration of 3.66 mg/l. The effluent quality is on track to remain below the NPDES permit annual load limit of 4,377,580 lbs. The Plant

performance was excellent with 100% permit compliance. The CHP facility generated an average of 132 MWH/day, making up 21% of total energy consumed at Blue Plains (i.e., 625 MWH/day) while the average energy purchased from PEPCO was 493 MWH/day.

Mr. Tesfaye explained that the CHP energy production was lower this month because of two activities that required full outages of the facility. The auxiliary boiler performance test that took place from February 13 to 17 required a full shutdown of the facility and full outages were the result of preventive maintenance work conducted on the electrical grid system.

The Committee inquired whether there was a reason why the total nitrogen discharge numbers have been slightly higher in the past few months. Mr. Tesfaye responded that the winter months (i.e., colder weather) has an effect on nitrogen removal and the figures are still significantly well below permit discharge limits.

Mr. Tesfaye mentioned that DC Water staff worked closely with the Virginia Department of Environmental Quality (VA DEQ) on the draft Bloom distribution and marketing permit and that the permit is expected to be resubmitted the week of March 13, 2017. Mr. Tesfaye also mentioned that DC Water is working closely with the Virginia Association of Municipal Wastewater Agencies (VAMWA).

III. OEM, EMERGENCY AND PLANNING OVERVIEW

Mr. Jonathan Reeves, Chief, Office of Emergency Management, DC Water, gave an update on emergency management operational procedures at DC Water. The Committee inquired if there were any risk assessment factors included in the procedures. Mr. Reeves responded in the affirmative. He mentioned that DC Water uses a J-100 Standard, which is a nationally accepted standard for conducting risk and vulnerability assessments in water and wastewater utilities. The first J-100 assessment was conducted in 2013 and the results were beneficial enough that DC Water has now started conducting an Authority wide J-100 assessment.

Mr. Reeves also described DC Water's different emergency response plans and their relationship with each other as well as some District and Federal response plans. The Committee inquired if the plans address cyber security. Mr. Reeves replied in the affirmative and mentioned that the cyber security emergency plans are administered by the Department of Information Technology is part of the overall DC Water Emergency Response Plan.

Mr. Reeves next discussed DC Water's level of preparedness when it comes to emergency response. He stated that the emergency management plan (EMP) is a large part of the emergency management program and details how DC Water will respond to an emergency or incident.

A separate Continuity of Operations Plan (COOP) provides for sustaining or resuming essential functions as soon as possible during and after a localized, District-wide, or catastrophic emergency. Mr. Reeves also stated that in way of training and exercising the EMP, DC Water implements a full Homeland Security Exercise and Evaluation Program (HSEEP).

Mr. Reeves informed the Committee that in 2016, DC Water developed and facilitated twenty-seven (27) trainings and exercises for staff and partner agencies, which included awareness seminars, workshops, tabletops, drills, and functional exercises.

Mr. Reeves noted that DC Water utilizes an Incident Management Team (IMT) when responding to emergencies. DC Water's IMT is a standing team of incident command system (ICS) trained personnel from different departments throughout the Authority.

In conclusion, Mr. Reeves mentioned that a prime example of DC Water's emergency/incident recovery capability is its Continuity of Operations Plan.

IV. ACTION ITEMS

JOINT USE

1. Contract No. 15-PR-DFS-05, Cannon Solutions America, Inc.
2. Contract No. DCFA#482-WSA, RK&K.
3. Contract No. DCFA#425 – WSA, HDR Engineering, Inc.

Mr. John Bosley, Chief Procurement Officer, DC Water, presented action item 1 while Mr. Len Benson, Chief Engineer, DC Water, presented action items 2 and 3.

Action Item 1: Request to exercise option year two (2) for Document Management Services contract. The Contract provides for the management of the Reprographics Center, Mailroom operations and copier maintenance services for DC Water Department of Facilities Management.

The Committee inquired if there were policies in place within DC Water's procurement practices that dictate whether contracts should have a Disadvantaged Business Enterprise (DBE) goal. Mr. Bosley responded in the affirmative. The Committee also suggested that there be a footnote on fact sheets indicating whether the prime contractors had a local office or not. The Committee further inquired if DC Water conducts a post-contract evaluation to see if DBE goals were fulfilled. Mr. Bosley mentioned that DC Water's internal audit does evaluate the fulfillment of these goals and that the Audit Committee follows up on these types of inquiries as well.

Action Item 2: Request to execute an Architectural and Engineering Services Agreement in an amount not to exceed \$4,000,000 for the first three years (Phase 1) of the contract. Phases 2 and 3 of this contract consisting of one year each, will be awarded at DC Water's sole discretion pending acceptable performance and evaluation of program implementation for prior phase(s).

The purpose of this contract is to provide permitting support services. This includes the development of an electronic tracking management tool for CIP permit tracking/management as well as DDOT project review coordination.

Action Item 3: Request to execute a Supplemental Agreement to provide engineering services for the development of upgrades to the Gravity Thickeners (GTs) and the Primary Sludge Screening and De-gritting Building.

The scope of the proposed Supplemental Agreement is to provide engineering services for detailed design of additional scope of work, including dilution of the de-gritter feed system and installation of new pumps and equipment for GTs 1 to 4 as well as several improvements for operator safety and updates for changed site conditions. Mr. Benson stated that a future supplemental agreement is anticipated to provide professional services during construction for upgrades to the GT facility.

The Committee inquired whether the numerous supplemental agreements were due to lack of understanding by the Contractor regarding the nature and severity of the odor issue. Mr. Benson replied that that was not the case and further explained that during the early phases of this

contract there were unresolved policy discussions regarding the need for odor control and the nature and type of odor problems and possible solutions. The construction of the consent decree driven Tunnel Dewatering Pump Station (TDPS) project was also a contributing factor for delays. The possible presence of fine grit in the system also needed to be resolved because of its potential to damage new equipment prematurely. DC Water conducted numerous pilots to rule out the presence of the grit and therefore had to pause the design of the GTs in the meantime.

The Committee also inquired if DC Water will have resolved odor issues by the completion of this contract. Mr. Benson explained that although this project will resolve odors emanating from the GTs there are still other sources of odors in the plant that DC Water will study further and plan to address through subsequent projects.

The Committee recommended the Joint Use action items to the full Board.

NON JOINT USE

1. Contract No. 170010, United Plumbing and Mechanical, LLC.
2. Contract No. 150050, Capital Paving, Inc.
3. Contract No. 140170, W.M. Schlosser Company, Inc.

Mr. Len Benson, Chief Engineer, DC Water, presented action item 1 to 3

Action Item 1: Request to execute a construction contract to install approximately 1,667 residential Pressure Reducing Valves (PRVs) with integral thermal expansion bypass and appurtenances as well as miscellaneous demolition and removal of residential plumbing.

The Committee inquired whether the installation of the PRVs will be inside or outside private houses. Mr. Benson responded that DC Water had looked at the possibility of placing these valves on the street but the cost was prohibitively expensive and therefore installation will be inside residences. The Committee inquired if the construction of the St. Elizabeth's water tank project will precede this contract. Mr. Benson responded that the PRVs need to be installed before the St. Elizabeth's water tank is placed in operation.

The Committee also inquired if DC Water is concerned with the winning bid being significantly lower than the other received bids. Mr. Benson replied that DC Water did have concerns regarding the winning bid and invited the contractor for a discussion of scope and expectations. The contractor stood by their submitted bid amount and are confident they will fulfill their contract obligations and deliverables within the proposed price.

The Committee requested additional information regarding the PRV project and the St. Elizabeth's water tank project. Mr. Benson stated staff will provide a presentation to the Committee for next month's meeting.

The Committee next inquired if there was a time sensitivity to the awarding of this contract. Mr. Benson responded that DC Water does have a signed Memorandum of Understanding (MOU) with the office of the Deputy Mayor for Planning and Economic Development (DMPED) that includes a timeline of construction for the development work planned at the St. Elizabeth's campus and that the PRV contract is an integral part of the overall development.

Action Item 2: Request to execute a construction contract to replace approximately 4 miles of

16-inch diameter and smaller water mains and associated valves and appurtenances at various locations within the District. The lowest bidder for this contract was deemed non-responsive, as they did not submit the required documentation demonstrating their compliance with the Environmental Protection Agency (EPA) MBE/WBE affirmative action steps.

The Committee inquired if DC Water has had experience working with the selected contractor in the past. Mr. Benson responded in the affirmative. The Committee suggested including a note in the fact sheet indicating DC Water's experience and satisfaction level with proposed contractors.

Action Item 3: Request to execute a construction contract to provide additional capacity and improvements to the existing Heating, Ventilation and Air Conditioning (HVAC) system at Bryant Street Pumping Station to help protect equipment from overheating and to maintain appropriate working environment temperatures for DC Water staff.

The Committee suggested that DC Water conduct a refresher on its Business Development Plan policies and regulations set by the Governance Committee at a future Committee meeting.

The Committee recommended the Non-Joint Use action items to the full Board.

V. WATER QUALITY MONITORING

Mr. Charles Kiely, Assistant General Manager for Customer Care and Operations, gave a brief update regarding water quality monitoring activities. He noted that there were three positive tests for Total Coliform in February and per regulation, further downstream tests were conducted to either corroborate or rule out the presence of the bacteria. Additional downstream tests conducted by DC Water revealed no other positives. In regards to LCR testing, Mr. Kiely stated that the laboratory has been unable to test the 54 samples that have been collected due to ongoing work in preparing the Consumer Confidence Report (CCR), but that DC Water anticipates no problems and will resume testing once the CCR is completed.

VI. FIRE HYDRANT UPGRADE PROGRAM

Mr. David Wall, Manager, Department of Water Service provided the Committee an update on the status of public fire hydrants in the District of Columbia.

The Committee suggested having the fire hydrant status reports on a quarterly basis as opposed to monthly. The Committee also commented that the one (1) percent or less goal in out-of-service hydrants was being met and suggested that perhaps DC Water will consider revising the metric to do even better.

VII. WATER QUALITY PROGRAMS & OPERATIONS

Ms. Jessica Edwards-Brandt, Director, Water Quality presented on Drinking Water Quality & Technology at DC Water. Ms. Edwards-Brandt explained that the Department of Water Quality & Technology consists of three (3) branches, namely, Drinking Water, Compliance and Drinking Water Research and Development branches.

Ms. Edwards-Brandt stated that the Safe Drinking Water Act (SDWA) requires monitoring of water quality and contains four (4) rules that apply to DC Water:

- Lead and Copper Rule (LCR) – which provides for the collection and testing of a minimum of 100 samples from homes every 6 months

- Total Coliform Rule (TCR) – which provides for the collection and testing of 240 samples per month
- Disinfection Byproduct Rule – which provides for the quarterly monitoring of 12 sites across the District
- Unregulated Contaminant Monitoring Rule (UCMR4)

Ms. Edwards-Brandt stated that water quality monitoring activities include:

- Customer complaints and investigations
- Main break investigations
- Water main testing
- Hydrant testing
- Total Coliform monitoring
- School and Daycare testing
- Online monitoring

The Committee inquired as to how many customer complaints are reported monthly and whether certain areas of the District receive more complaints than others. Ms. Edwards-Brandt replied that the Authority receives approximately 50 calls per month relating to water quality and that areas associated with boundary zones (i.e., dead ends) of the distribution system seem to have a higher percentage of complaints.

Next, Ms. Edwards-Brandt described DC Water's Flushing Programs consisting of Unidirectional Flushing (UDF) and Water Quality Flushing. Ms. Edwards-Brandt stated that DC Water currently has a proposal submitted to the EPA to enable the Authority to revise its flushing programs and conduct more spot flushing as opposed to UDF.

Ms. Edwards-Brandt mentioned that DC municipal regulations require code enforcement to protect water quality. Some of these enforcement measures include cross-connection control programs, illegal fire hydrant usage monitoring and water quality investigations. Ms. Brandt also mentioned that drinking water industry research and the development of innovative technologies benefit customers.

VIII. OTHER BUSINESS/EMERGING ISSUES

Mr. Charles Kiely provided an update to the Committee based on a request made by the former Water Quality and Water Services (WQWS) Committee in October 2016 concerning a private development under the name of Chain Bridge Cooperative. The WQWS Committee had requested management to conduct an assessment of other private developments that may have similar characteristics as the Chain Bridge Cooperative located at 2800 Battery place NW, Washington DC. DC Water hired Black & Veatch to conduct the assessment.

DC Water identified a second private development cooperative (the Southern Cooperative) that had similar characteristics to that of Chain Bridge although it was a considerably larger development. The Southern COOP, a cooperative housing association comprising of 92 single-family townhouses with two (2) private fire hydrants, and served by a 8"x4"x1" master meter for combined fire and domestic service lines had the same characteristics mentioned above. Mr. Kiely presented recommendations from the assessment that the Committee may want to

consider along with DC Water management's recommendation.

Mr. Kiely suggested that if the Board wanted to make a change then it could consider providing the DC Water General Manager the authority to handle these one-off type cases. The Committee inquired how many private hydrants there were in the system. Mr. Kiely responded that there were 1,319. The Committee also inquired if DC Water could identify costs spent to date for conducting this assessment including internal staff time and what the General Manager's recommendations is in relation to this matter. Mr. Kiely replied that the information will be provided at the next Committee meeting and that he will be making this same presentation to the Rates Committee.

The Committee decided to defer making a decision on the recommendations until a further discussion with other Committee members takes place.

IX. ADJOURNMENT

Meeting adjourned at 12:15 p.m.



CEO and GENERAL MANAGER'S REPORT

George S. Hawkins – April 2017

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Interpretation of Charts A

Color Key

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

My greetings to the Board on the coming of Spring! We have many flowers set to bloom here at DC Water!

Blue Drop

The narrative component of the GM Report will include a new section starting this month – which is a short update on the activities of Blue Drop, the non-profit affiliate that the Board authorized me to form in November of 2016, and of which DC Water is the sole and founding member. For new Board members, Blue Drop is conceived and being developed to offer expertise, products and other services that have been developed at ratepayer expense at DC Water to other utilities and related entities for a fee. The fee(s) are being designed to reimburse any costs that DC Water incurs in offering these services, plus an additional margin to generate net revenue. After covering operational costs and reinvesting in building Blue Drop itself, net revenue will flow back to DC Water as the member. These funds could be used to support particular programs (the low-income CAP program or similar efforts) or to support general revenue to reduce the pressure on rate-payers. Blue Drop is still very much in a start-up phase, and its President – Alan Heymann – will be reporting on progress to the May Governance Committee meeting. I am pleased to report that Willy Walker, a past DC Water Board Chair, has agreed to join the Blue Drop Board, and we are still in consultation with one other person to become the fifth and final Board member. Blue Drop is pleased to provide regular updates to the Member (DC Water!) in this report.

Water Week

March is now the month for an annual pilgrimage for water professionals from around the country to highlight water issues with the Congressional Representatives. The US Water Week extends actually for almost 2 weeks – mainly from March 15 to March 30 – and DC Water was a key contributor throughout. Blue Drop President Alan Heymann participated on a panel for Congressional Staff, Biju George and I spoke at the national fly-in meeting with water utility executives, I participated in the annual partners meeting for the US Water Partnership at the State Department among other efforts. Perhaps most prominently, DC Water personnel and Wendy the Waterdrop participated at a rally for water held at the Capitol. Behind the scenes, I am working with a smaller number of experts to try and steer a potential infrastructure funding effort to prominently include the next generation water infrastructure. As part of Water Week, the US Water Alliance published a report on the economic vitality that is driven by investments in water infrastructure – demonstrating both the great need for investment in water, but also highlighting that for every dollar invested, more than four dollars are returned to the economy in direct and indirect benefits.

Xylem

In the midst of activities surrounding US Water Week, DC Water announced a new partnership with Xylem – a \$4 billion dollar technology services company that focuses much of its work on the water sector. In an exciting event held at Blue Plains, I signed a Memorandum of Understanding with Patrick Decker, CEO of Xylem, to identify and partner on developing and field testing new technologies. We paired this action with the initial trial adoption by DC Water of the world's first smart pump – sold by Xylem under the Flygt brand. This smart pump automatically adjusts itself to the rate that is needed, both to ensure service and to reduce power consumption automatically during low flow periods. Moreover, the pump automatically

Message from the CEO/GM

connects to maintenance and operating systems and can transmit service and operational data to a central operator. Finally, all information to maintain the pump is located in the cloud and accessible to a field employee, including parts lists and three dimensional diagrams, after reading a tag code laser etched on the pump with a smart phone or tablet. This pump should allow us to improve service, reduce operating costs and improve long term maintenance costs all at once. (Plus, it automatically clears its own clogs...). I congratulate COO Biju George and Blue Plains Operations Director Salil Kharkar on spearheading this effort. I am also grateful to Salil for asking me to highlight the excellence of the maintenance staff who have been shouldering efforts at proactive and preventative maintenance – the folks who will be tasked with implementing this new pump, and other innovations like it, and understanding how to use its features. I was pleased to recognize our crack maintenance team, and equally pleased to join in an effort with Xylem to make the water industry work better and cost less!

Chief Financial Officer

I was pleased, if saddened, to join Board Chair Matt Brown in providing Mark Kim with a suitable send-off from the Board in April. DC Water staff had the opportunity to do the same bittersweet job at a lunch on April 4. Technically, Mark is our CFO until April 15 (a day not to be forgotten now for several reasons...), although he is taking some time off for much deserved rest between now and then. I am saddened beyond words to lose Mark's work ethic, strategic vision, tactical know-how and management acumen – and maybe most of all – his warm, calm and kind demeanor. Yet we are all excited that he is taking on a huge new role as Deputy Director and Chief Operating Officer of the Municipal Securities Rulemaking Board. From that perch, Mark can help look after DC Water and all the other thousands of municipal debt issuers as he helps manage that mammoth market.

I am pleased to report on two aspects of this change. The first is that it is my pleasure to announce that Robert Hunt, who currently is the Director of Finance on Team FAB (Finance, Accounting and Budget) under Mark will become the Acting CFO while the national search effort for Mark's replacement moves forward. Most of you know Bob as a long-term veteran at DC Water who has helped orchestrate all our debt issuances and is one of the reasons we have achieved the AAA credit rating from Standard and Poor's. I will have more to say about Bob at the meeting. The second is that the search for Mark's successor is moving along as our top priority – and we are narrowing an amazing group of more than 150 candidates to a smaller group of semi-finalists we can bring in for an interview first with a group from the Executive Team, and then finalists to be interviewed by me. I also plan to have the finalist(s) meet with the Board Chair and Chair of the Finance Committee. I am hopeful we will have made a decision on this hire by the May Board meeting.

Blue Drop

Consulting clients:

- New Jersey Future: Blue Drop is wrapping up a consulting engagement by providing graphic design services and communications support to the Passaic Valley Sewerage Commission and the cities of Newark and Jersey City.
- York Region: Blue Drop is consulting with York Region Environmental Services in Ontario, Canada on the organizational structure and strategy behind the agency's external affairs efforts. Highlights include a two-day workshop on site in late March.

Message from the CEO/GM

- Capital Region Water: Blue Drop successfully responded to its first Request for Proposals and landed a contract to provide communications consulting to this independent water and wastewater utility in Harrisburg, Pa. A partner firm in Oregon will provide support on public opinion polling and staff engagement analysis.

Bloom sales and marketing:

- Blue Drop has established a customer relationship management and invoicing system for Bloom sales. In February, Blue Drop invoiced nearly \$600 in sales, resulting in about \$9,000 in avoided land application costs for DC Water.
- The marketing and sales agreement between DC Water and Blue Drop is in force.

Governance and operations:

- The next Blue Drop Board meeting and strategic planning session is scheduled for Friday, May 5. An open house for select DC Water staff (and all DC Water Board members) will follow. Ms. Manley will supply an invitation if she has not yet done so.

External Affairs

Government Relations

Worked with DC Council Transportation Committee Chairwoman Mary Cheh's office on the yearly oversight hearing. Wrote testimony, assembled responses to 34 different questions on our performance and then submitted the package to the committee. Also worked on follow up conversations with staff for questions that arose during the February hearing.

In addition, government affairs worked to raise awareness of DC Water meter replacement program and helped facilitate an interview with WRC TV on the topic.

Further, we participated in briefings for council members and staff to provide an overview of construction in their wards during the coming year.

Media Relations

OEA managed media inquiries on various topics, including Elon Musk's visit inside Nannie's tunnel and a proposed natural gas pipeline to be built under the Potomac River. OEA also worked with Channel 4 on a customer's high water bill, which led to a story on the meter replacement program. Air date TBD.

Press Releases

- March 13: CANCELLED - Traffic Advisory - Canal Road, NW and Foxhall Road, NW
- March 13: Traffic Advisory - Modified Traffic Closure on Oregon Avenue, NW
- February 28: DC Water launches National Search for New CFO

Media Coverage

- [DC Water Undertakes 92,000-Meter Project](#) (Water Online / March 8, 2017)
- [National Green Infrastructure Certification Program is Introduced in U.S.](#) (Revitalization News / February 21, 2017)

Message from the CEO/GM

- [Flying cars will never take off, claims Elon Musk as he reveals Nannie, the giant tunneling machine his 'boring' company is considering buying](#)
(Daily Mail / February 17, 2017)

Meetings/Presentations/Events

- In support of its local Small Diameter Water Main Replacement Project in the Bloomingdale neighborhood, DC Water hosted its final public meeting in a series of meetings with this community to provide important information on remaining work activities under this project prior to its successful completion.
- DC Water provided information and giveaways during the St. Luke Youth Ministry Career Expo.
- DC Water successfully conducted its annual series of formal briefings to District Councilmembers to provide important information on ongoing and future construction projects impacting their respective wards. DC Water conducted its third briefing to Ward 1 Councilmember Brianne Nadeau and members of her key staff.
- In support of its Water Meter Rehabilitation Project, DC Water is embarking on a citywide outreach effort to provide a presentation to all affected ANCs in each of the District's 8 wards. DC Water attended the February monthly meeting of ANC 4D to provide a presentation.
- DC Water conducted its fourth briefing on Ward 8 construction projects to key staff in the office of Ward 8 Councilmember Trayon White.
- DC Water conducted its fifth briefing on Ward 3 construction projects to key staff in the office of Ward 3 Councilmember Mary Cheh.
- DC Water conducted its sixth briefing on Ward 4 construction projects to key staff in the office of Ward 4 Councilmember Brandon Todd.
- DC Water attended the March monthly meeting of ANC 3D to provide important information on its Spring Valley Water Main Rehabilitation and Replacement Project.
- In support of this Saint Elizabeths Water Storage Tower and Transmission Mains project, DC Water is embarking on a very aggressive outreach campaign to educate the affected communities across Ward 8 about the project's short-term impacts and long-term benefits, mainly increased water pressure in areas, where needed. As part of this outreach campaign, DC Water attended a meeting with a local civic group comprised of seniors residing within the Fort Stanton neighborhood ("Fort Stanton Seniors") to provide a detailed presentation on the project.
- In continuing this outreach campaign in support of the water storage tower, DC Water attended a meeting with the local AARP chapter of Congress Heights to provide a presentation on the project.
- DC Water attended the March monthly meeting of ANC 1A to provide a presentation on its Water Meter Rehabilitation Project.

Drinking Water Marketing and Communications

OEA worked with regional PIOs to write and distribute a release on the temporary switch to chlorine.

Message from the CEO/GM

Customer Newsletter

The March customer newsletter included a cover story on the launch of the new website, a GM message on our Critical Customer roundtable and planning for emergencies, a reminder about the disinfectant switch and an article on Fix-a-Leak week with a focus on finding leaks within the home. There was a reminder to keep meters clear so that DC Water can receive readings from water meters for accurate billing. Finally there was a call for all Girl Scout troop leaders in the District to join us for an educational event at the Blue Plains Advanced Wastewater Treatment Plant.




Tours

- 4 Croatian dignitaries
- 25 teachers from the NEED Project
- 16 students from National Cathedral School
- 15 University of Maryland Environmental engineering students
- 25 DDOT Public space inspectors
- 40 students from the Georgetown School of Foreign Service
- 12 interested DC residents

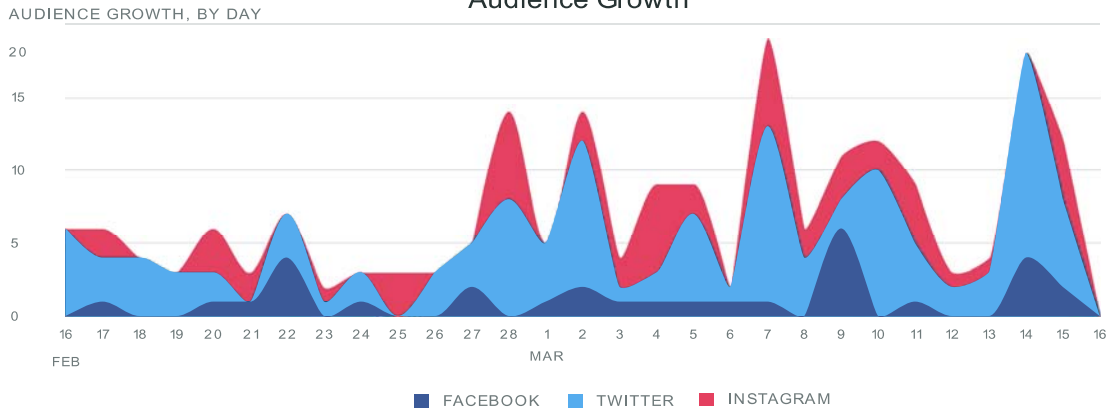
Message from the CEO/GM

Social Media

Stats by Profile/Page

Profile/Page	Total Fans / Followers	Fan / Follower Increase	Messages Sent	Impressions	Impressions per Post	Engagements	Engagements per Post	Link Clicks
 FACEBOOK @dcwater	2,477	1.1%	11	29,302	2,664	173	15.7	34
 INSTAGRAM @mydcwater	1,042	4.5%	6	—	—	545	90.8	—
 TWITTER @dcwater	14,479	0.8%	143	131,759	921	3,890	27.2	180

Audience Growth



AUDIENCE GROWTH METRICS	TOTALS	CHANGE
Total Fans	17,998	▲ 1.1%
New Facebook Fans	29	▲ 7.4%
New Twitter Followers	117	▼ 14.0%
New Instagram Followers	45	▲ 150.0%
Total Fans Gained	191	▲ 5.5%

Total fans increased by
▲ 1.1%
 since previous date range

Engagements

ENGAGEMENT METRICS	TOTALS	CHANGE
Facebook Engagements	173	▼ 43.3%
Twitter Engagements	3,890	▼ 6.4%
Instagram Engagements	545	▲ 57.1%
Total Engagements	4,608	▼ 4.2%







The number of engagements decreased by
▼ 4.2%
 since previous date range

ORGANIZATIONAL PERFORMANCE DASHBOARD (FEBRUARY, 2017)

Financial Highlights

Net Operating Cash Actual 71428 Target 34440 (\$ tho)	Operating Revenues Actual 262 Target 248 (\$ mil)	Operating Expenses Actual 196 Target 224 (\$ mil)	Capital Disbursements Actual 203 Target 209 (\$ mil)
Operating Cash Balance Actual 155 Target 126 (\$ mil)	Delinquent Account Receivables Actual 2 Target 3 (%)	Core Investments Yield Actual 1.23 Target 1.17 (%)	Short Term Investment Yield Actual 0.51 Target 0.49 (%)

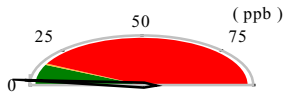
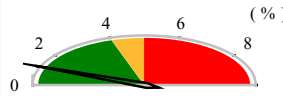
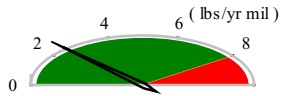
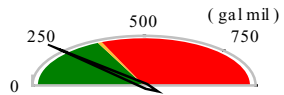
Customer Care and Operations Highlights

Call Center Performance  Feb 91 85 (% of calls rec)	Command Center Performance  Feb 86 85 (% of calls rec)	First Call Resolution  Feb 83 75 (% of calls rec)	Emergency Response Time  Feb 100 90 (% of calls rec)
Fire Hydrants out of Service  Feb 41 96 (count)	Fire Hydrant Insps. and Maint. 1156 (count)	Fire Hydrants Replaced  Feb 28 250 (YTD count)	Permit Processing within SLA 75 (%)

Low Income Assistance Program

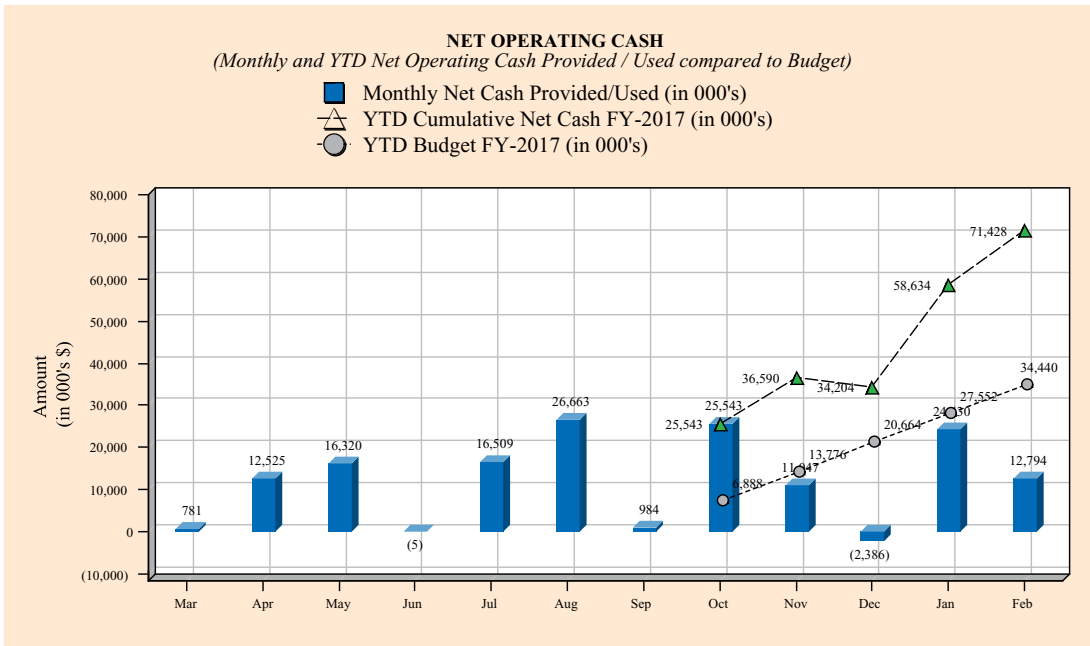
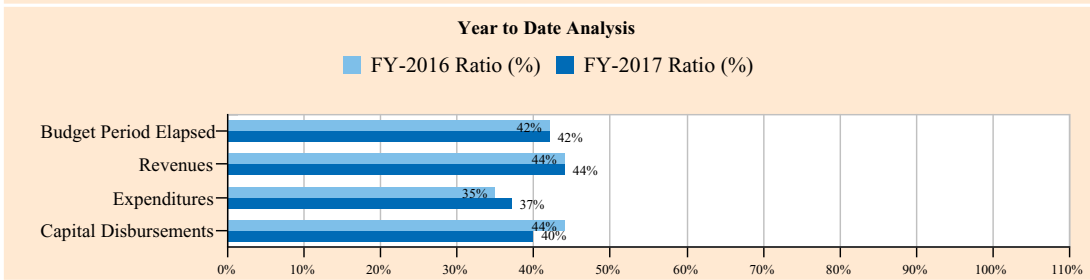
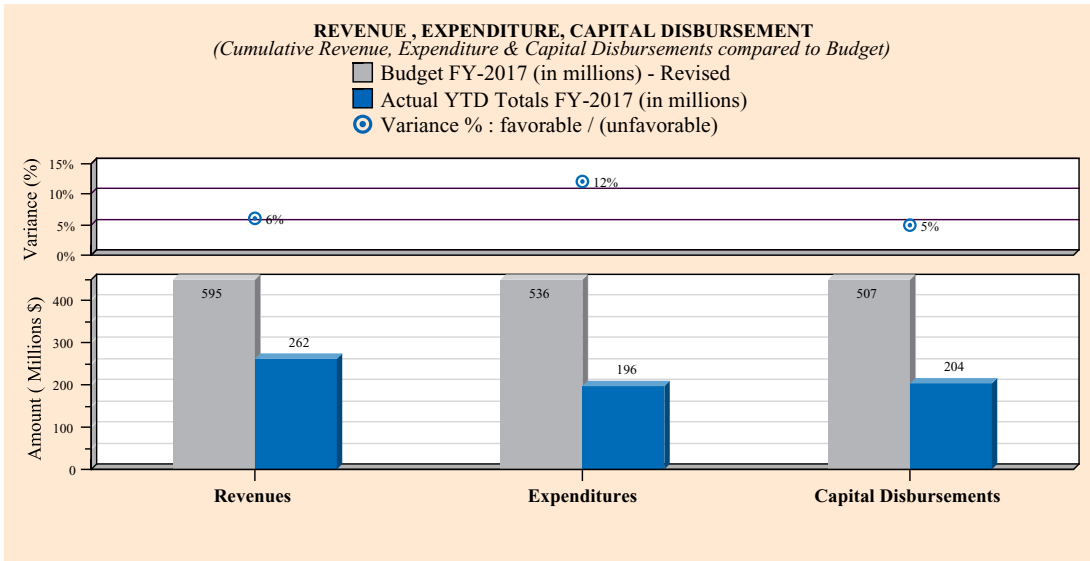
Splash Contributions Actual 45 Target 33 (\$ tho)	Customer Assistance Program Previous 61 Current 230 (\$ tho)
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Operational Highlights

Lead Concentration  25 (ppb)	Total Coliform Rule  4 (%)	Biosolids Production 422 (wet tons)	Total Nitrogen  2 (lbs/yr mil)
Plant Effluent Flow  250 (gal mil)	Excess Flow 0 (gal mil)	Water Main Leaks 24 (count)	Water Valve Leaks 2 (count)
Non-Revenue Water Sold 9 Purchased 12 (CCF mil)	Sewer Main Backups 7 (count)	Sewer Lateral Backups 153 (count)	Dry Weather CSO 0 (events)
Recruitment Activity Filled 18 Open 126 (count)	Electricity Usage 14833 (MWh)	Employee Lost Time Accidents 2 (count)	Vendor Payments Actual 98 Target 97 (%)

FINANCIAL HIGHLIGHTS

FINANCIAL PERFORMANCE SUMMARY



Net cash to date for February was above budget by \$37 Million

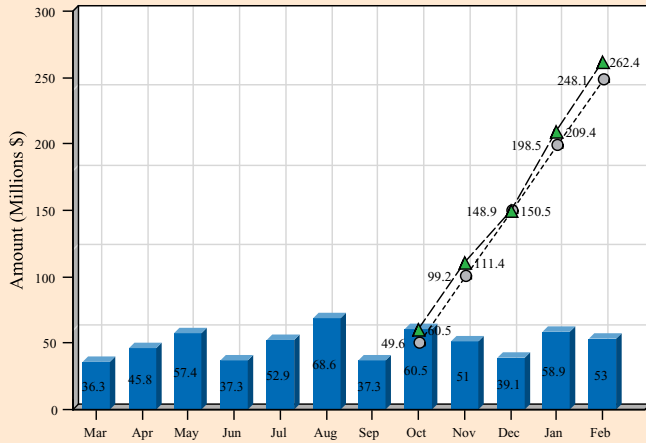
FINANCIAL HIGHLIGHTS

REVENUES AND OPERATING EXPENSES

OPERATING REVENUES

Monthly & Cumulative Revenue compared to YTD Budget

- Actual Monthly Revenue
- △ YTD Cumulative Revenue FY-2017
- YTD Cumulative Budget FY-2017

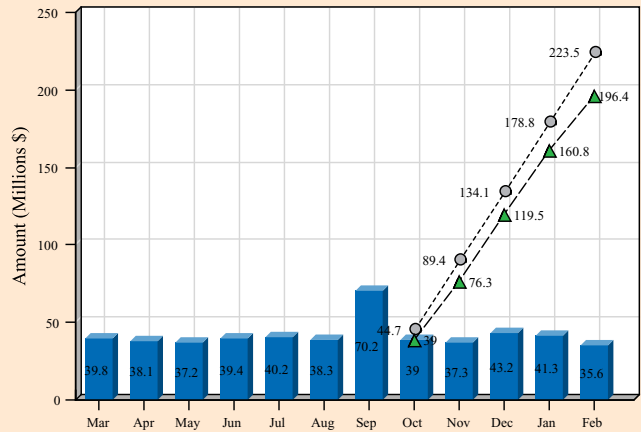


Revenue to date for February was above Budget by \$14 Million

OPERATING EXPENSES

Monthly & Cumulative Expenditure compared to YTD Budget

- Actual Monthly Expenses
- △ YTD Cumulative Expenditure FY-2017
- YTD Cumulative Budget FY-2017



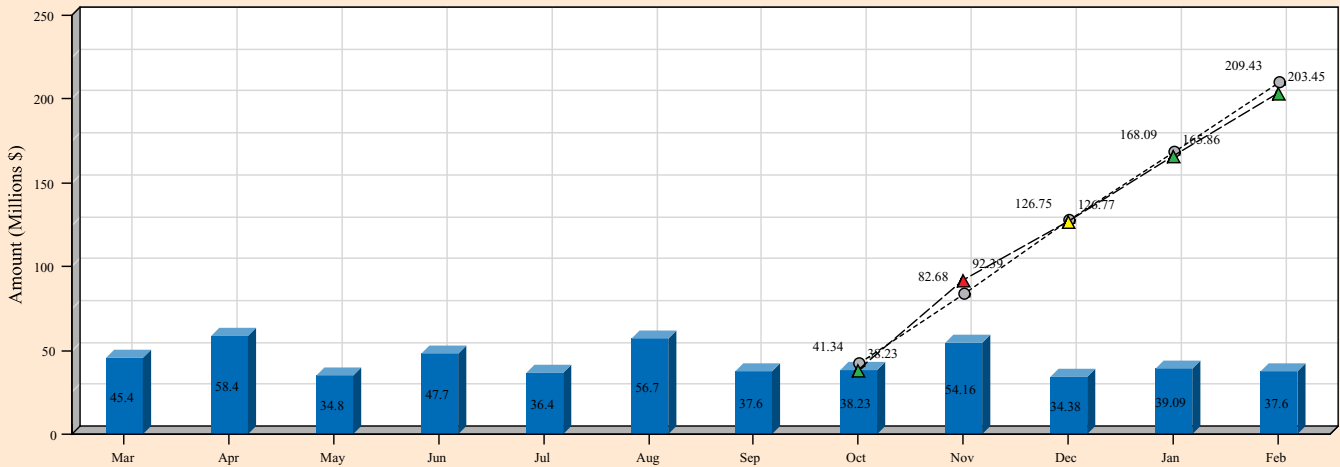
Expenditure to date for February was below budget by \$27 Million

CAPITAL SPENDING

CAPITAL DISBURSEMENTS

Monthly & Cumulative Disbursements compared to YTD Budget

- Actual Monthly Disbursements
- △ YTD Cumulative Disbursements FY-2017
- YTD Cumulative Budget FY-2017



Disbursements to date for February were below budget by \$6 Million

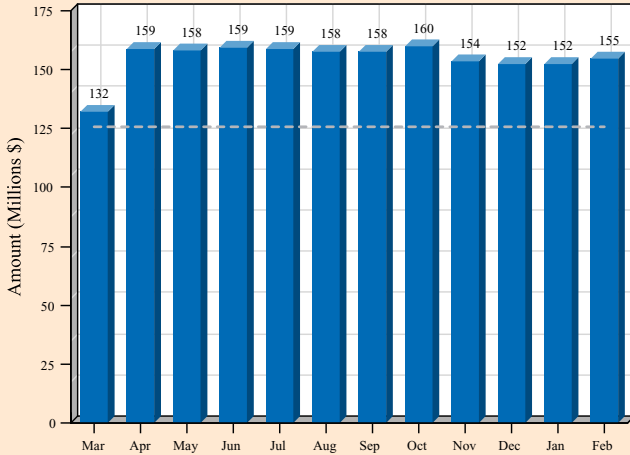
FINANCIAL HIGHLIGHTS

OPERATING CASH AND RECEIVABLES

OPERATING CASH BALANCE

Average Daily Cash Balance compared to Operating Reserve Target

- Actual Cash Balance FY-2017
- Operating Reserve Target - (126 Million)

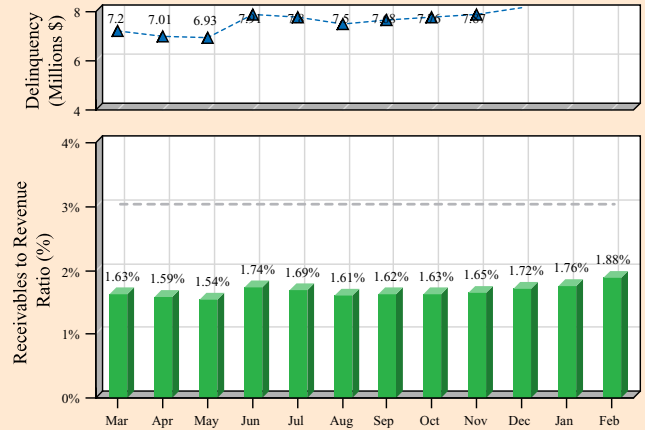


Cash Balance for February was above target by \$ 30 million

DELINQUENT ACCOUNT RECEIVABLES

Delinquency & Receivables to Revenue Ratio compared to Target

- Receivables to Revenue Ratio
- ▲ Delinquencies FY-2017 (in millions)
- Target: Receivables to Revenue Ratio (3%)



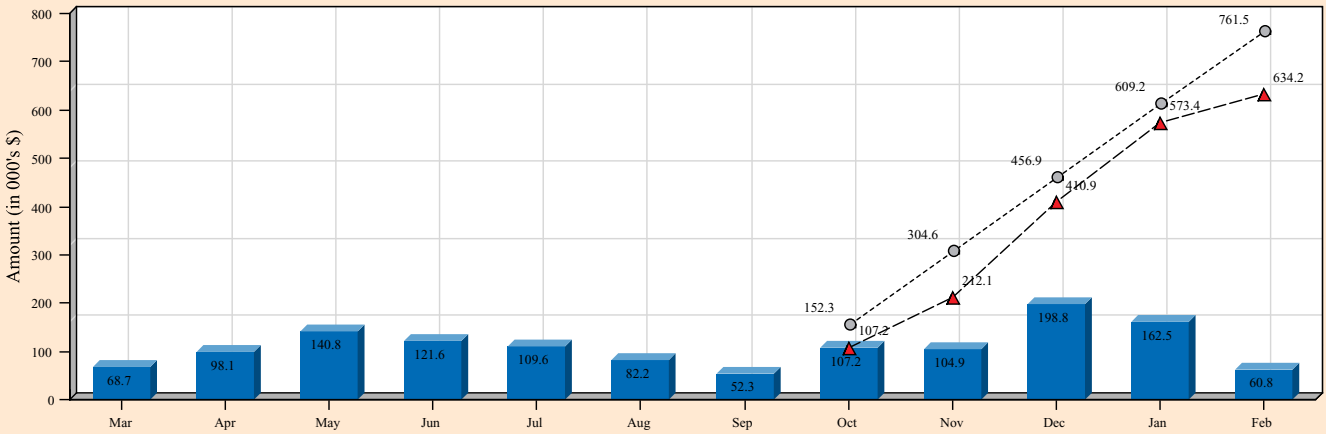
February Receivables to Revenue Ratio 1.9%, Delinquency \$9.1 Million

INVESTMENT EARNINGS

INVESTMENT CASH EARNINGS

Monthly & Cumulative Earnings compared to YTD Budget

- Monthly Earnings (in 000's)
- ▲ YTD Cumulative Earnings FY-2017 (in 000's)
- YTD Cumulative Earnings Budget FY-2017 (in 000's)



Earnings to date for February were below Projected Budget by \$127,000

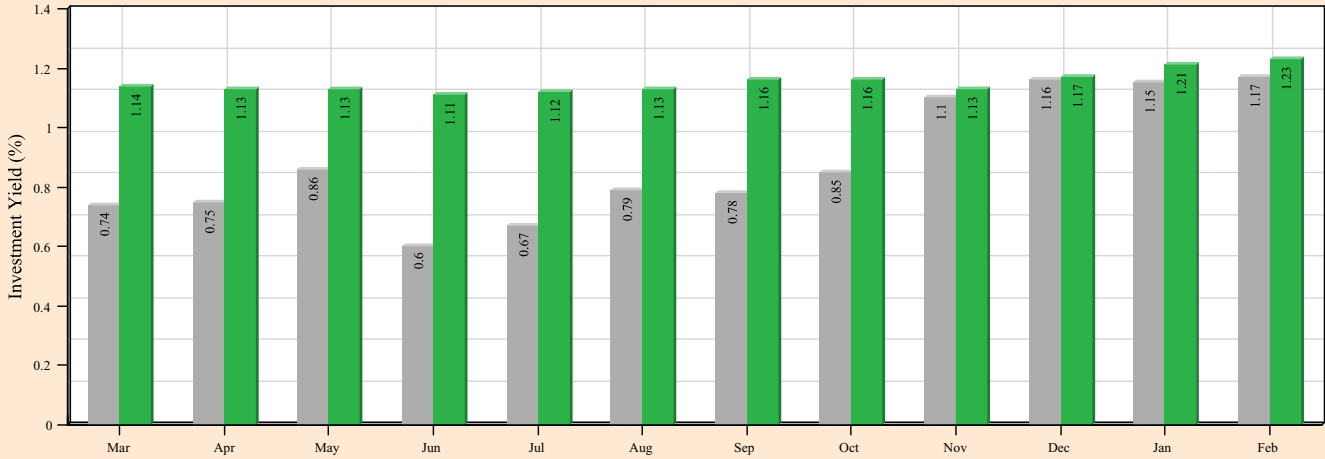
FINANCIAL HIGHLIGHTS

INVESTMENT YIELD

CORE INVESTMENTS YIELD

Monthly Yield compared to Merrill Lynch Benchmark

- Actual Monthly Yield (%)
- Merrill Lynch 1-3 Year Treasury Index - Book Value (%)

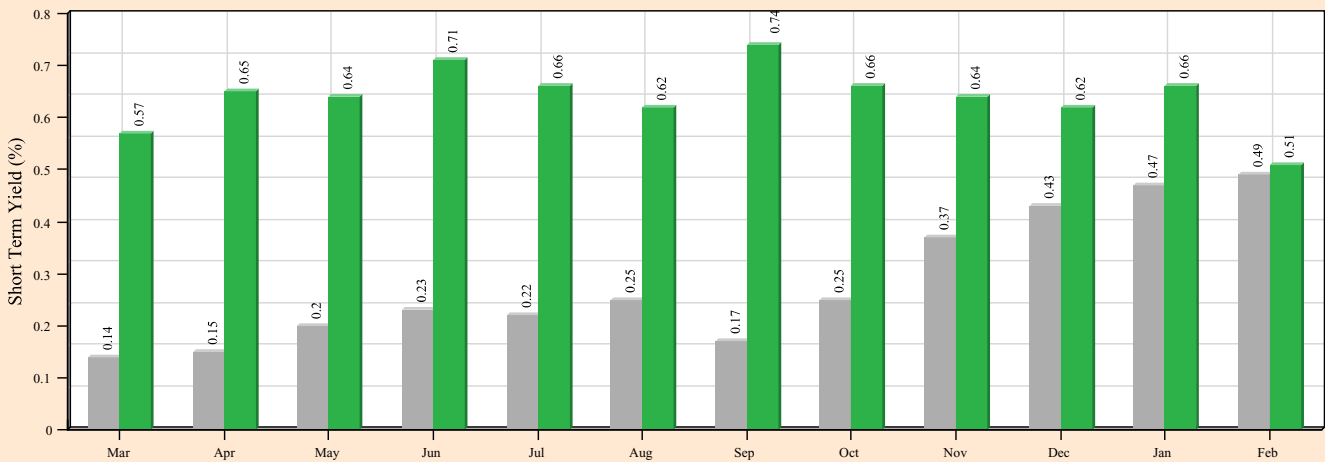


Yield for February was higher than the treasury index by 0.06%

SHORT TERM INVESTMENT YIELD

Short Term Yield compared to Merrill Lynch Benchmark

- Actual Monthly Yield (%)
- Merrill Lynch 3-Month Treasury Index - Book Value (%)



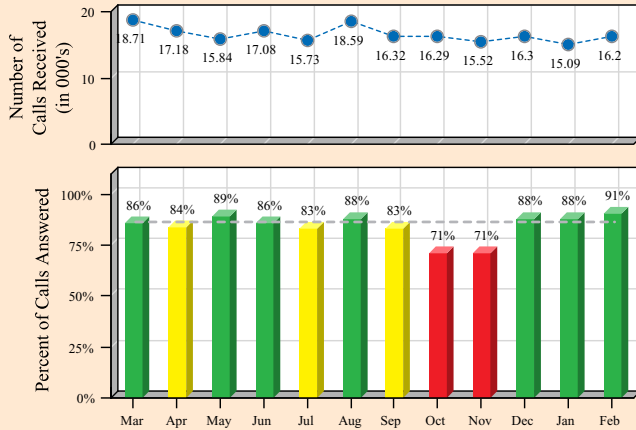
Short Term Yield for February was higher than the Merill Lynch yield by 0.02%

CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

CUSTOMER SERVICE

CALL CENTER PERFORMANCE
Calls Answered within 40 Seconds compared to Target

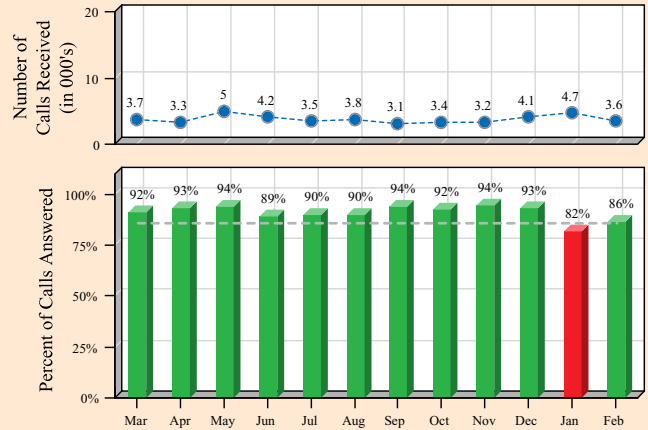
- Call Center: Calls answered (%)
- No of Calls - Call Center (in 000's)
- Target -Call Center (85%)



Performance for February was above target by 6%

COMMAND CENTER PERFORMANCE
Calls Answered within 40 Seconds compared to Target

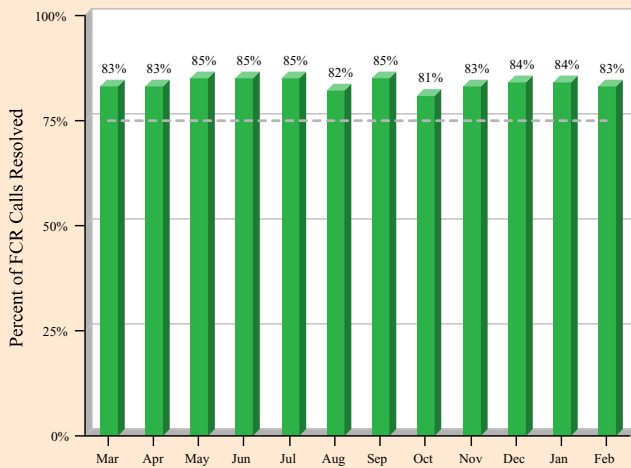
- Command Center: Calls answered (%)
- No of Calls - Command Center (in 000's)
- Target -Command Center (85%)



Performance for February was above target by 1%

FIRST CALL RESOLUTION (FCR)
Calls resolved on first contact compared to Target

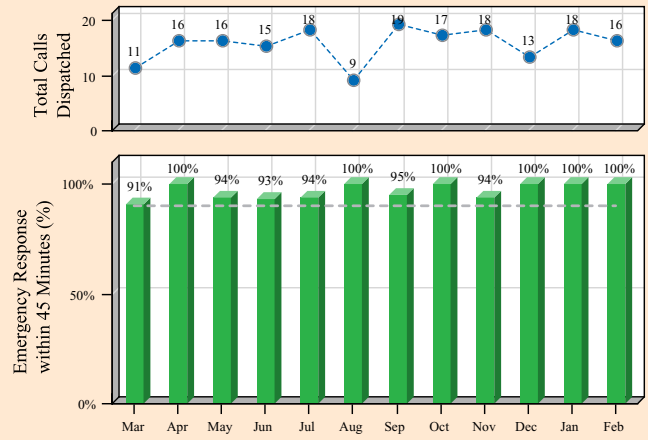
- FCR (%)
- FCR Target (75%)



Performance for February was above target by 8%

EMERGENCY RESPONSE TIME
Calls responded to within 45 Minutes compared to Target

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



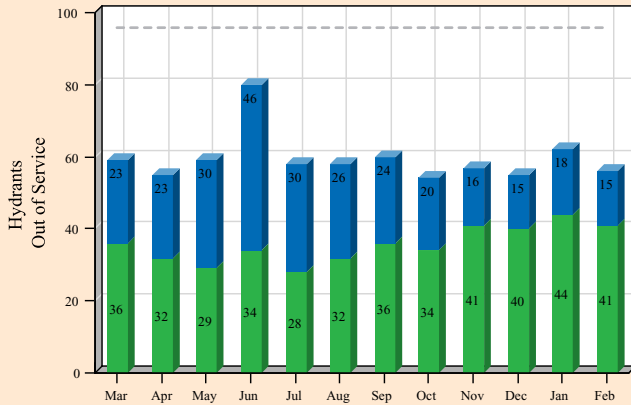
Performance for February was above target by 10%

CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

FIRE HYDRANTS

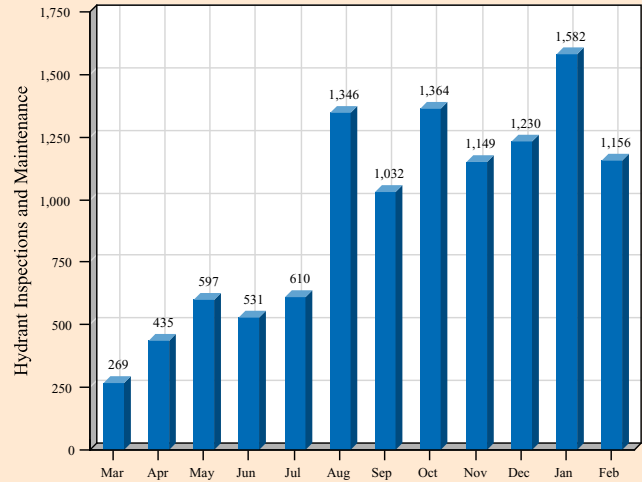
FIRE HYDRANTS OUT OF SERVICE (OOS)
Total Hydrants Out of Service against Target

- Out of Service Fire Hydrants (Defective OOS Hydrants)
- In-Operational - OOS Due to Inaccessibility or Temporary Work
- Out of Service Hydrants Target (96)



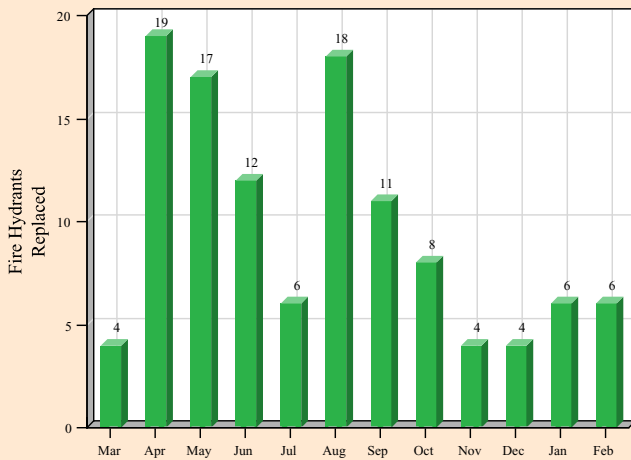
Fire Hydrant Inspections and Maintenance
Total Hydrant Inspection and Maintenance Work Orders Completed per Month

- Hydrant Inspections and Maintenance



FIRE HYDRANT REPLACEMENTS
Total Hydrants Replaced per Month

- Hydrants Replaced
- Annual Replacement Target (250)



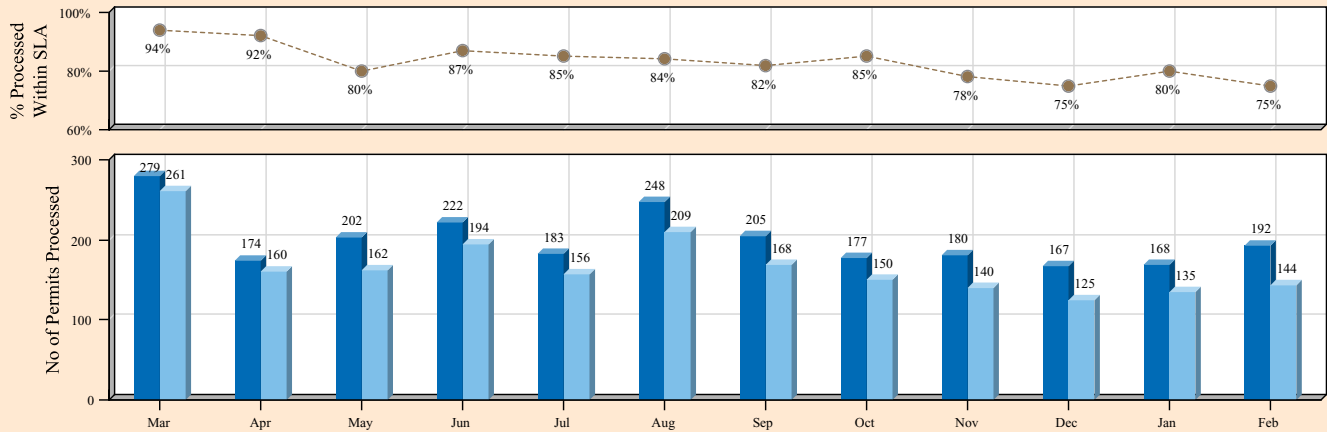
Total replacements as of February were 28 against annual projections of 250

CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

PERMIT PROCESSING

TOTAL APPLICATIONS PROCESSED WITHIN SERVICE LEVEL AGREEMENT (SLA)

- Total No of Applications Processed
- Total No of Applications Processed within SLA
- Percent (%) Processed within SLA



SLA Examples: Raze Permit - 14days, Sheeting and Shoring - 14 days, Preliminary Plan Review - 45 days

Permits not processed within SLA in February were 25% Note that different SLA's range from 7 days to 45 days

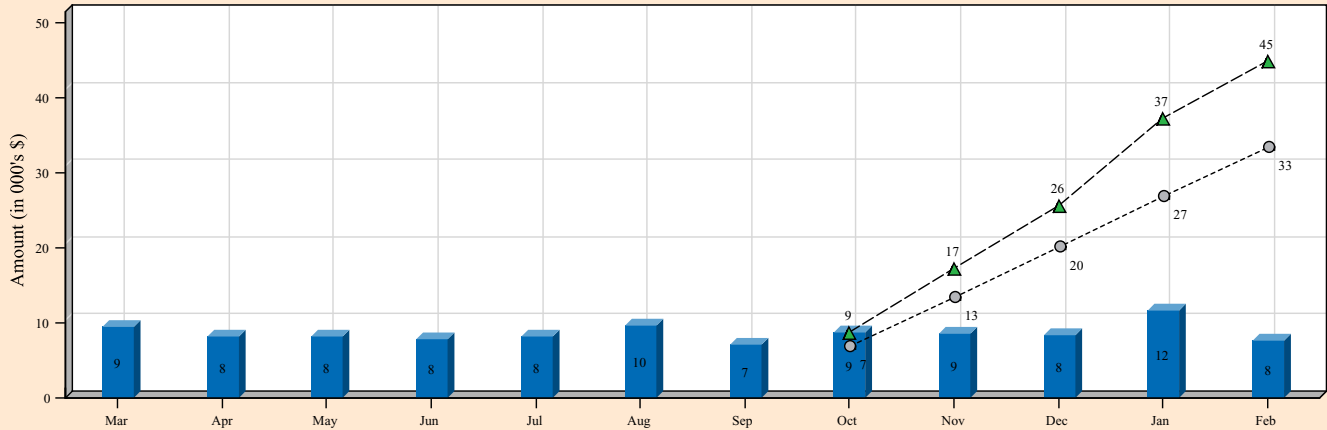
LOW INCOME ASSISTANCE PROGRAM

SPLASH PROGRAM

SPLASH CONTRIBUTIONS

Monthly and Cumulative Contributions compared to YTD Target

- Monthly Contributions (in 000's)
- △ YTD Cumulative Contributions FY-2017 (in 000's)
- Projected YTD Target FY-2017 (in 000's)



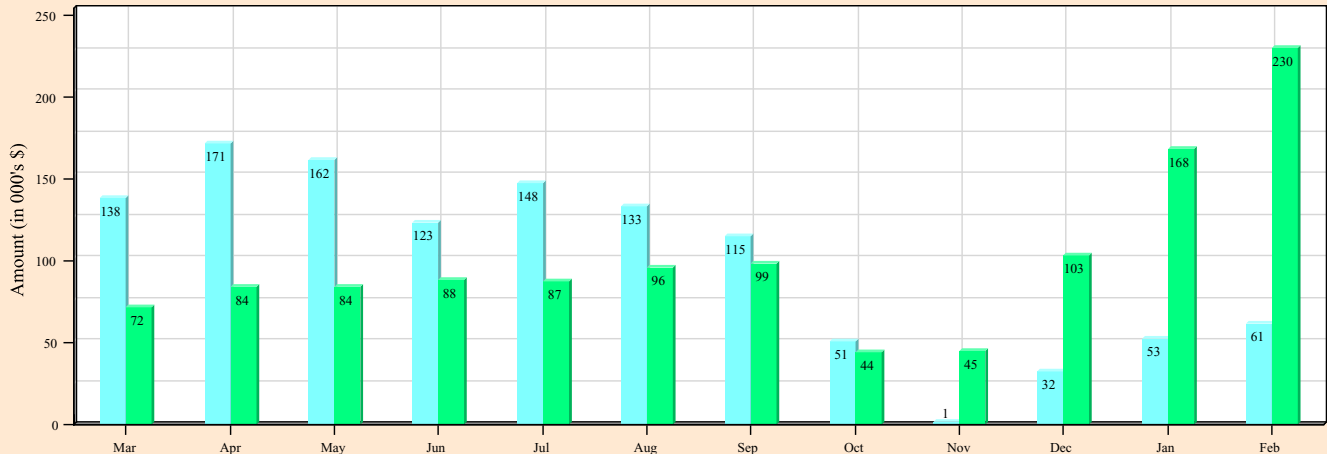
Total SPLASH Contributions to date for February were above target by \$ 12,000

CUSTOMER ASSISTANCE PROGRAM (CAP)

CUSTOMER ASSISTANCE PROVIDED

Monthly Assistance Provided compared to corresponding Previous Year Periods

- Actual Monthly Amount - Previous Year (in 000's)
- Actual Monthly Amount - Current Year (in 000's)

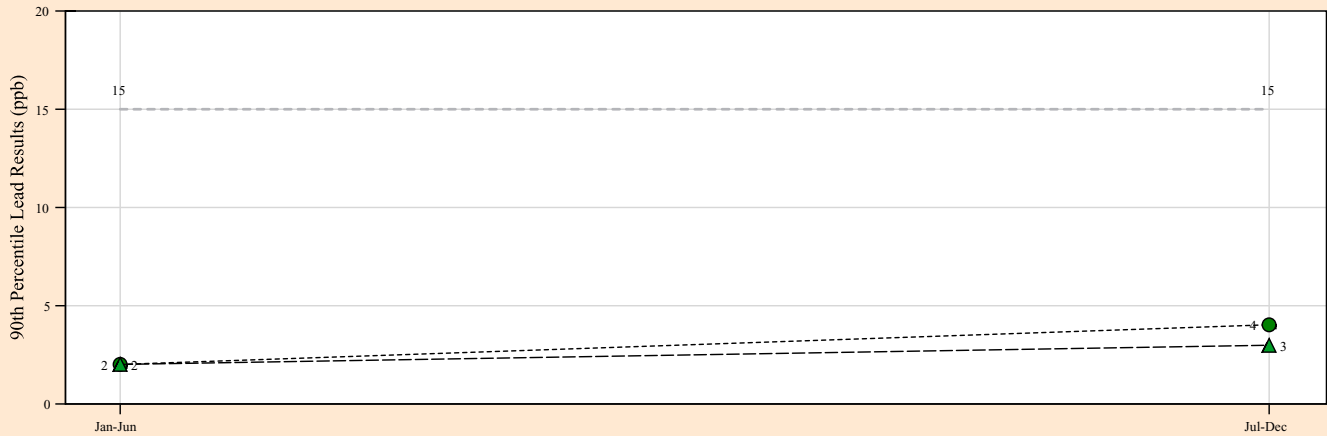


OPERATIONAL HIGHLIGHTS

DRINKING WATER QUALITY

LEAD AND COPPER RULE (LCR) COMPLIANCE
Semi-Annual LCR Monitoring Results

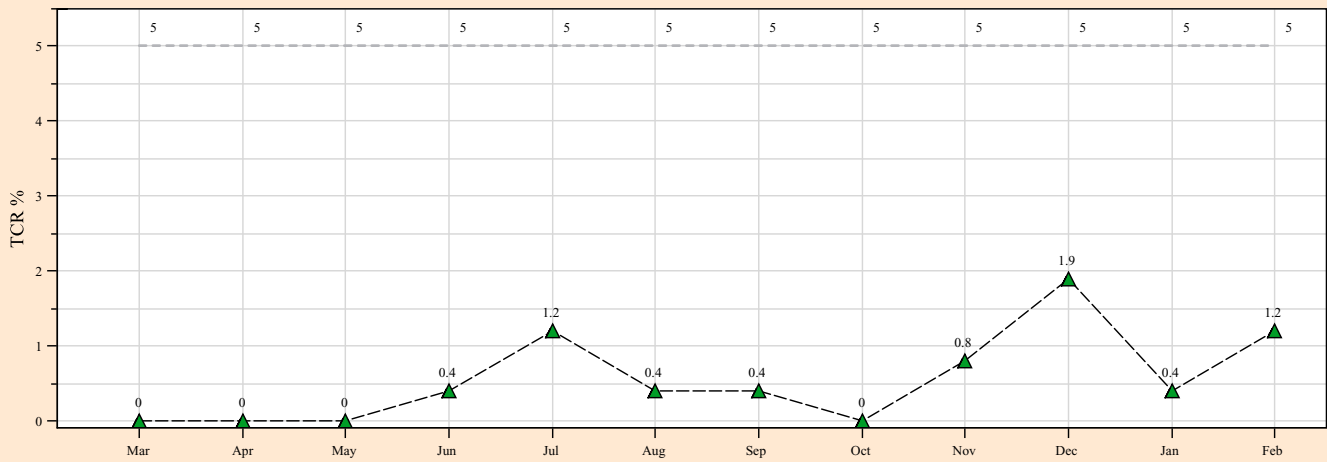
- 2015 LCR Results
- △ 2016 LCR Results
- Action Level : 15 parts per billion (ppb)



Jul-Dec 2016 results to date

TOTAL COLIFORM RULE (TCR)
Total Coliform Positives compared to EPA Maximum Contaminant Level (MCL)

- △ TCR Level
- EPA Maximum Contaminant Level (5%)



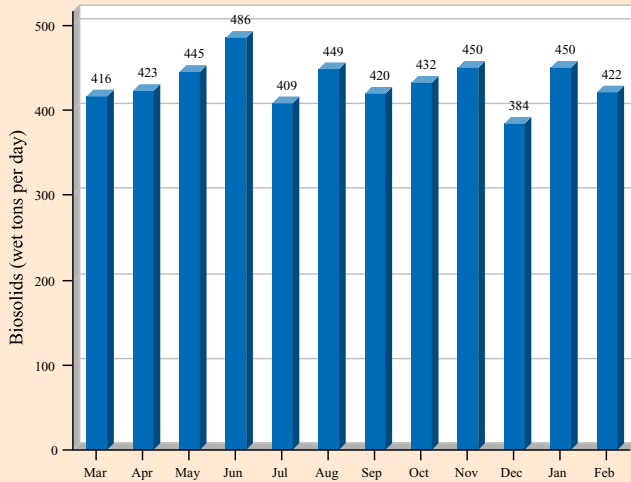
Coliform Positives were recorded in February at 1.2%

OPERATIONAL HIGHLIGHTS

WASTEWATER TREATMENT

BIOSOLIDS PRODUCTION
Average Daily Biosolids Production

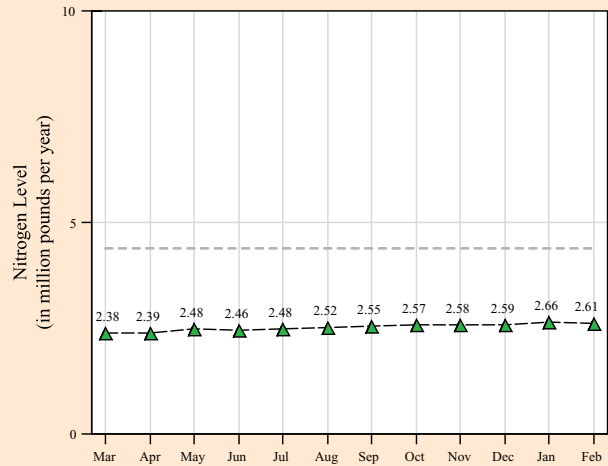
■ Average Daily Biosolids Hauled



Biosolids Average Daily Production for February was 422 wet tons per day

TOTAL NITROGEN
Total Nitrogen compared to New Permit Levels

△ Nitrogen Annually Load (lbs/yr)
--- New Permit Limit - 4.38 Million (lbs/yr)

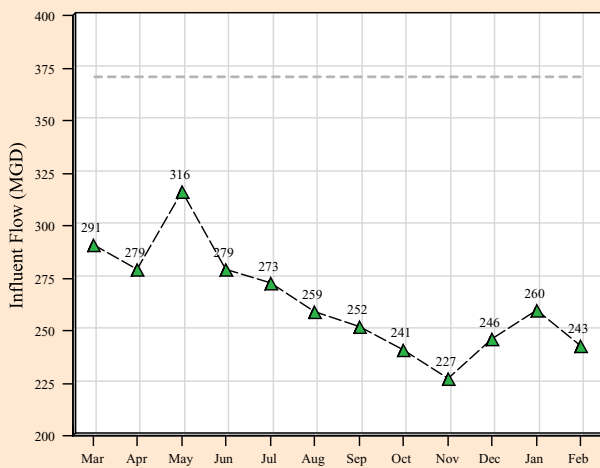


Nitrogen level for February was below permit by 1.8 million lbs/yr

PLANT INFLUENT FLOW

Influent Flow compared to Plant Design Average Limit

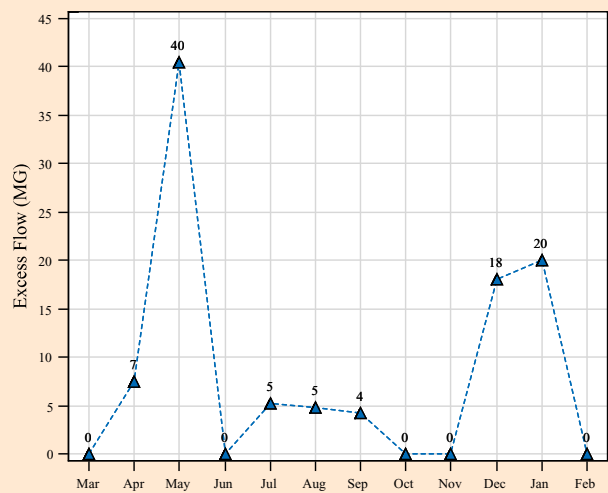
△ Effluent Flow
--- Design Average (370 mgd)



In February, Effluent flow was below design by 127 MGD

EXCESS FLOW

△ Excess Flow



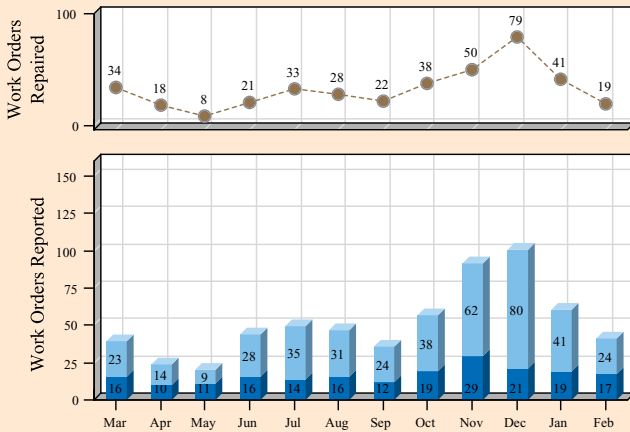
Excess flow events was recorded at 0 MG in February 2017

OPERATIONAL HIGHLIGHTS

WATER DISTRIBUTION OPERATIONS

WATER MAIN WORK ORDERS

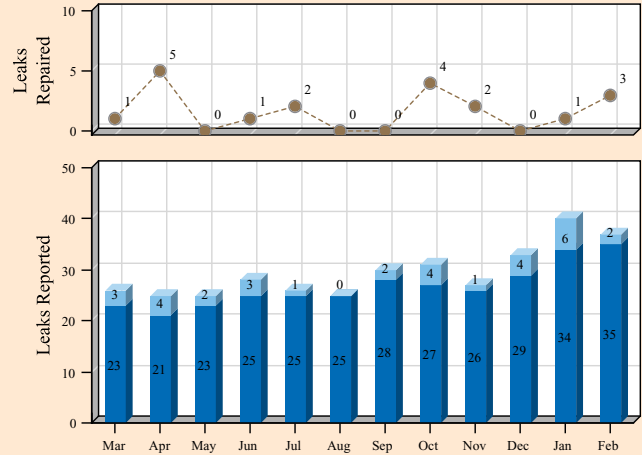
- Pending Main Work Orders
- Water Main Work Orders Reported
- Water Main Work Orders Repaired



There were 24 Water Main Work Orders reported in February

WATER VALVE LEAKS

- Pending Valve Leaks
- Valve Leaks Reported
- Valve Leaks Repaired



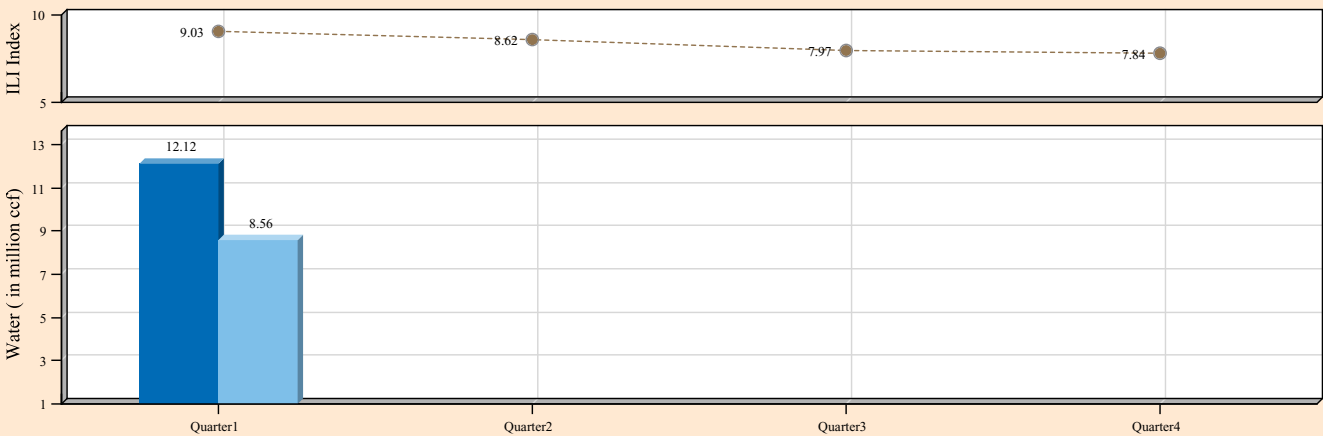
3 leaks were resolved in February

WATER BALANCE

NON-REVENUE WATER

Volume of Water Purchased and Sold per Quarter

- FY-2017: Water Purchased
- FY-2017: Water Sold
- FY-2016: Infrastructure Leakage Index
- ▲ FY-2017: Infrastructure Leakage Index



In the 1st quarter 8.6 out of 12.1 million cubic feet of water was sold

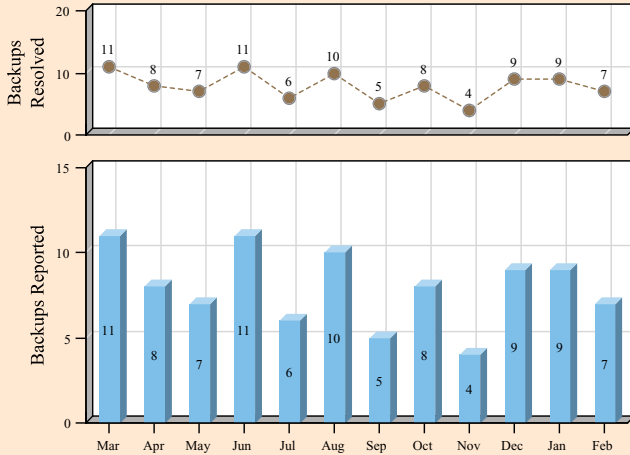
OPERATIONAL HIGHLIGHTS

SEWER SYSTEM OPERATIONS

SEWER MAIN BACKUPS

Sewer Mains Backed Up and Relieved per Month

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

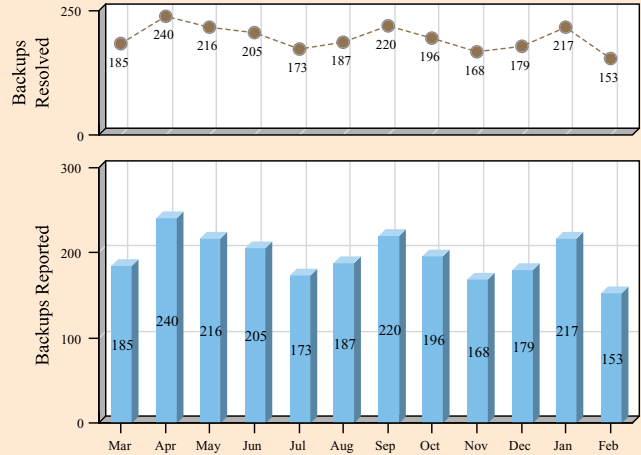


No pending main backups reported

SEWER LATERAL BACKUPS

Sewer Laterals Backed Up and Relieved per Month

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



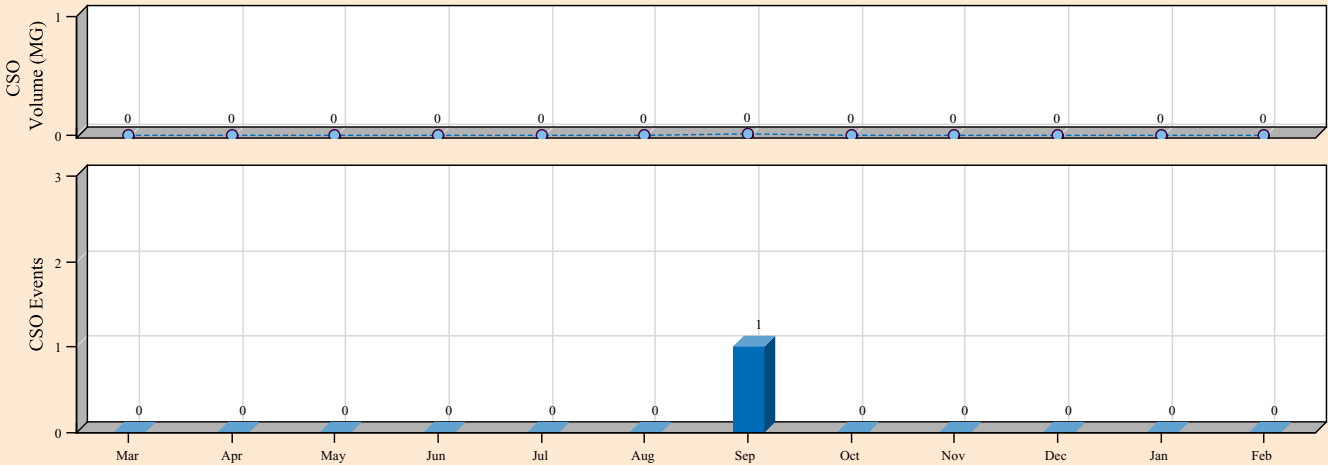
No pending lateral backups reported

COMBINED SEWER SYSTEM

DRY WEATHER CSO EVENTS

Combined Sewer Overflow Volume and No of Events per Month

- Number of CSO Events
- Overflow Volume (MG)

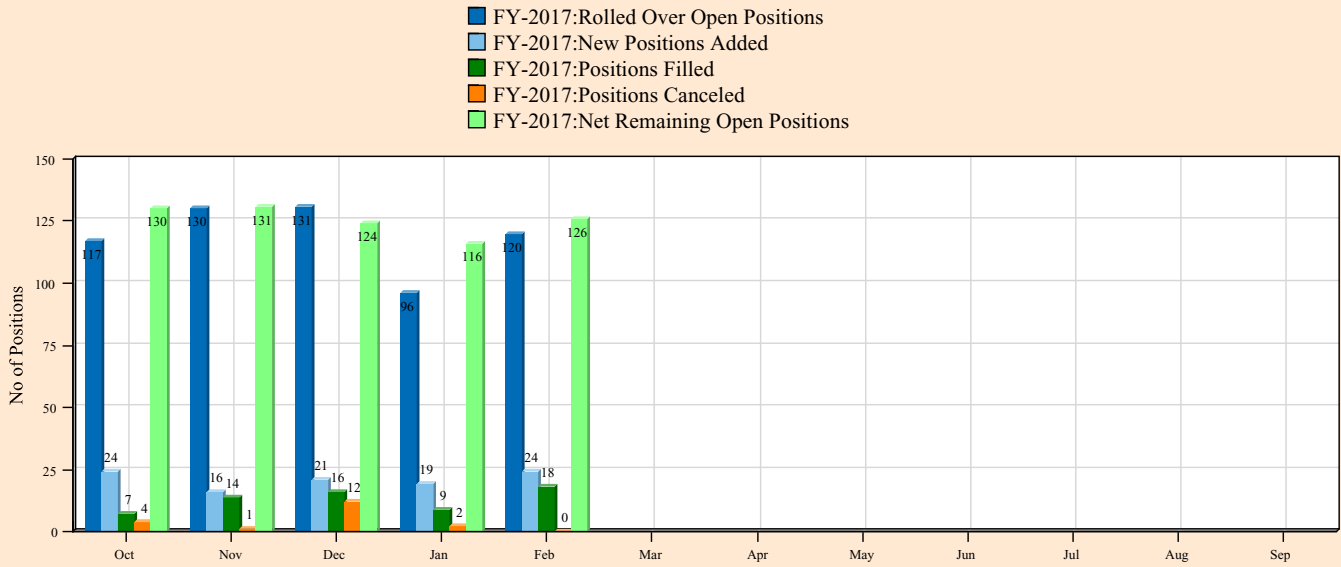


No dry weather Combined Sewer Overflow event was recorded in February 2017

OPERATIONAL HIGHLIGHTS

HUMAN RESOURCES

RECRUITMENT ACTIVITY



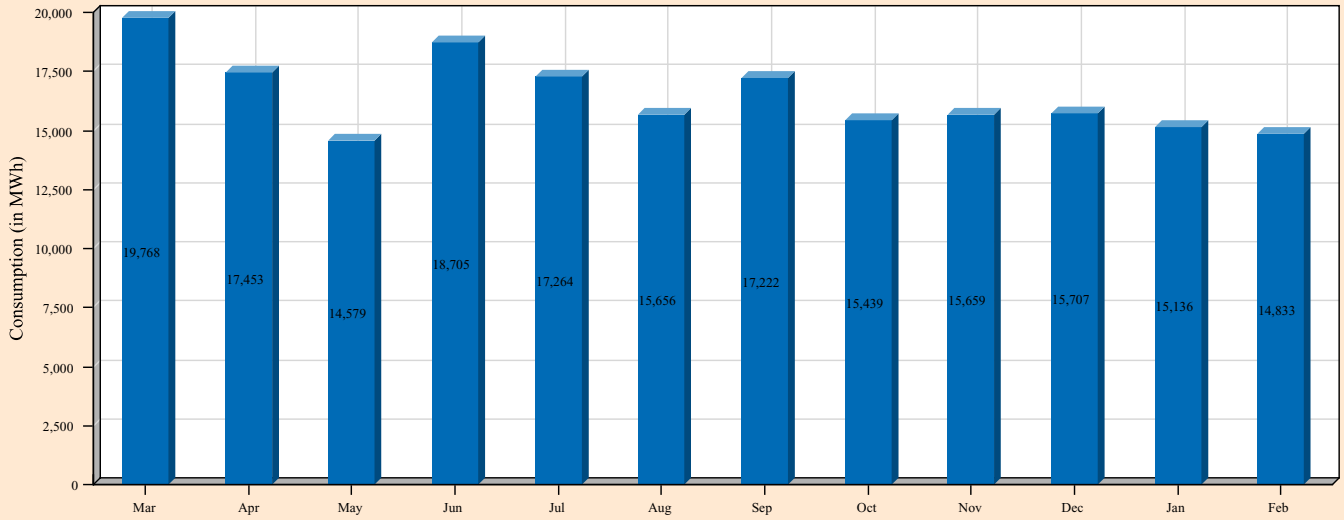
In February we began the month with 120 positions, received 24 new positions, filled 18, 0 cancellations and ended the month with 126 positions

OPERATIONAL HIGHLIGHTS

ENERGY

ELECTRICITY USAGE SUMMARY

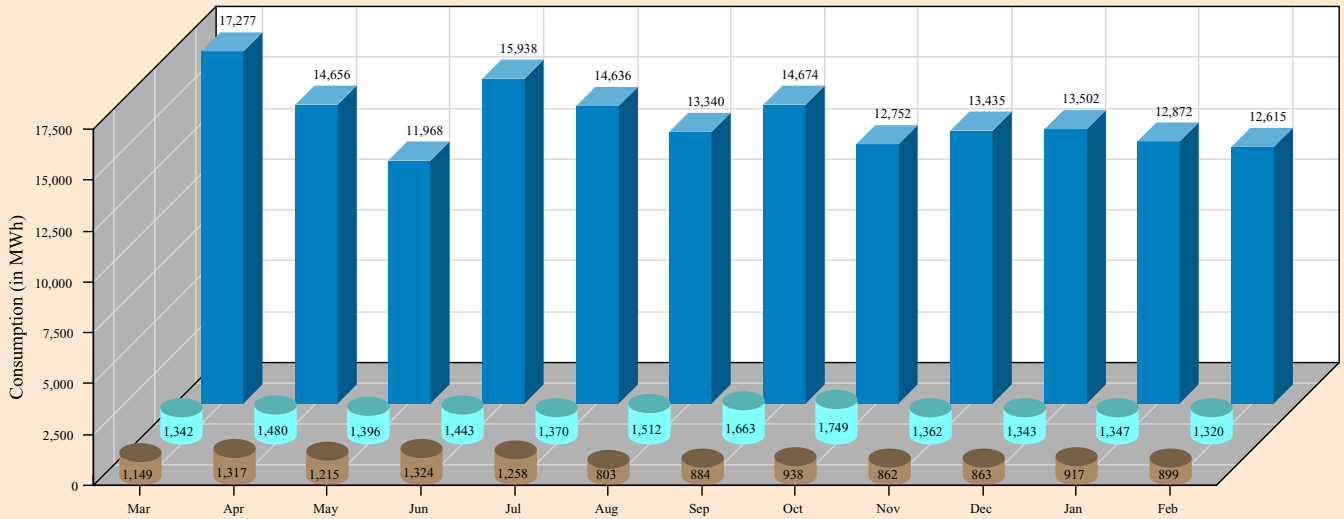
■ Total Consumption (MWh)



Electricity Consumption in February was 14,833 MWh

ELECTRICITY USAGE BY SERVICE AREA

■ Sewer Pumping ■ Water Pumping ■ Waste Water Treatment



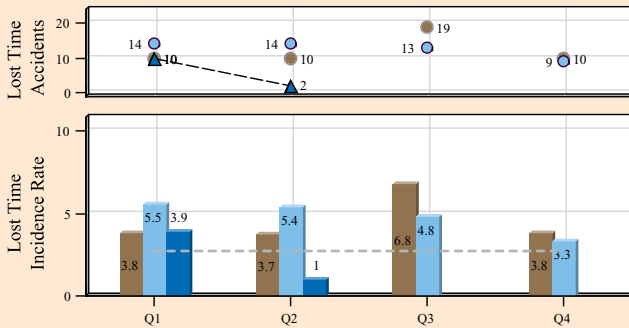
Wastewater treatment had the highest electricity consumption in February at 12,615 MWh

OPERATIONAL HIGHLIGHTS

SAFETY

EMPLOYEE LOST TIME INCIDENCE RATE

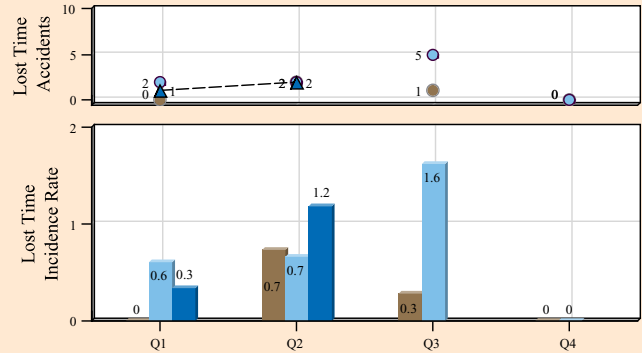
- FY-2015: LT Incidence Rate
- FY-2016: LT Incidence Rate
- FY-2017: LT Incidence Rate
- FY-2015: No of LT Accidents
- FY-2016: No of LT Accidents
- ▲ FY-2017: No of LT Accidents
- Target/National: LT Incidence Rate



Thru the 2nd month of 2nd quarter, 2 lost time accidents were reported

CONTRACTOR LOST TIME INCIDENCE RATE

- FY-2015: LT Incidence Rate
- FY-2016: LT Incidence Rate
- FY-2017: LT Incidence Rate
- FY-2015: No of LT Accidents
- FY-2016: No of LT Accidents
- ▲ FY-2017: No of LT Accidents

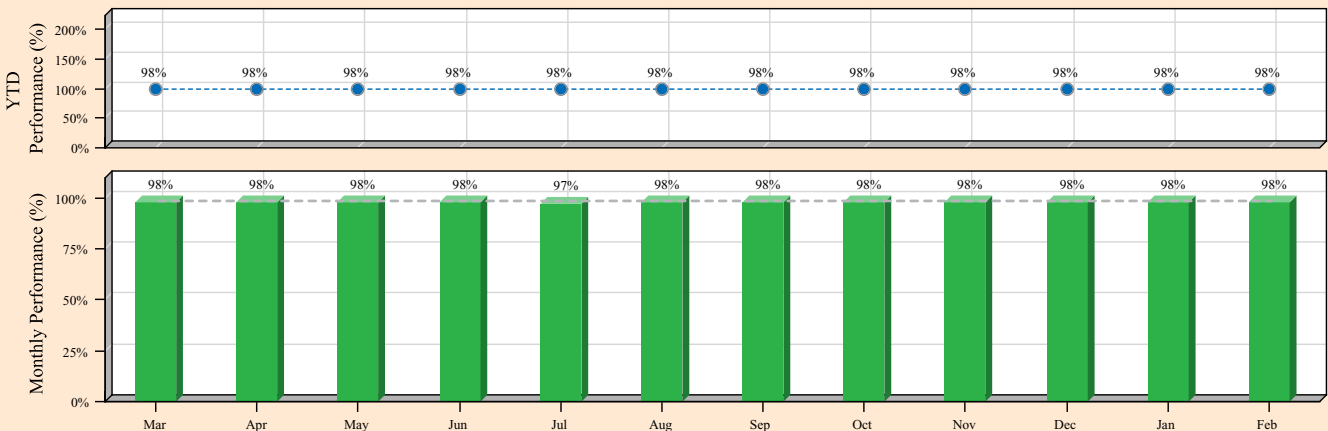


Thru the 2nd month of 2nd quarter, 2 lost time accidents were reported

VENDOR PAYMENTS

VENDOR PAYMENT PERFORMANCE
Percentage of Invoices Paid within 30 days

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



Monthly performance for February was above Budget by 1%

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

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

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

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

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

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



District of Columbia Water and Sewer Authority

Summary of Contracts on Consent Agenda

230th Meeting of the DC Water Board of Directors

Thursday, April 6, 2017

Joint-Use Contracts

1. Resolution No. 17-19 – Execute Option Year Two of Contract No. 15PR-DFS-05, Canon Solutions America, Inc. The purpose of the option is to continue contracting for Document Management Services for the District of Columbia Water and Sewer Authority (DC Water) Department of Facilities Management. The option amount is \$3879,409.84 (Recommended by the Environmental Quality and Operations Committee 3/16/17)

2. Resolution No. 17-20 – Execute Supplemental Agreement No. 04 of Contract No. DCFA #482-WSA, HDR Engineering. The purpose of the supplemental agreement is to provide engineering services for detailed design of additional scope of work, including dilution of the degritter feed system and new pumps. The supplemental agreement amount is \$1,206,136. (Recommended by the Environmental Quality and Operations Committee 3/16/17)

3. Resolution No., 17-21 – Execute Contract No. DCFA #482-WSA, RK&K. The purpose of the contract is to provide permitting services, District Department of Transportation reviews and permit tracking for the development and implementation of a capital improvement program in the District of Columbia, the Potomac Interceptor Sewer System in Maryland and Virginia. The contract not-to-exceed amount is \$4,000,000. (Recommended by the Environmental Quality and Operations Committee 3/16/17)

Non-Joint Use Contracts

1. Resolution No. 17-22 – Execute Contract No. 170010, United Plumbing and Mechanical, LLC. The purpose of the contract is to furnish and install domestic pressure reducing valves with integral thermal expansion bypass within private residences. The contract not-to-exceed amount is \$1,497,405. (Recommended by Environmental Quality and Operations Committee 3/16/17)

2. Resolution No. 17-23 – Execute Contract No. 140170, W.M. Schlosser Company, Inc. The purpose of the contract is to provide additional capacity and improvements to the existing Heating, Ventilation and Air Conditioning system at Bryant Street Pumping Station. The contract not-to-exceed amount is \$2,288,000. (Recommended by the Environmental Quality and Operations Committee 3/16/17)

3. Resolution No. 17-24 – Execute Contract No. 150050, Capital Paving, 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 not-to-exceed amount is \$14,079,200. (Recommended by the Environmental Quality and Operations Committee 3/16/17)

Presented and Adopted: April 6, 2017

SUBJECT: Approval to Execute Option Year Two of Contract No. 15PR-DFS-05, Canon Solutions America, Inc.

**#17-19
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 April 6, 2017 upon consideration of a joint use matter decided by a vote of ____() in favor and ____() opposed to execute Option Year Two of Contract No. 15PR-DFS-05, Canon Solutions America, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 15PR-DFS-05, Canon Solutions America, Inc. The purpose of the option is to continue contracting for Document Management Services for the District of Columbia Water and Sewer Authority (DC Water) Department of Facilities Management. The option amount is \$389,409.84.

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

**Document Management Services
(Joint Use)**

Approval to exercise option year two (2) for Reprographics Center, Mail Room, and Document Management Services contract in the amount of \$389,409.84.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Canon Solutions America, Inc. One Canon Park Melville, NY 11747	SUBS: N/A	PARTICIPATION: N/A
--	---------------------	------------------------------

DESCRIPTION AND PURPOSE

Original Contract Value:	\$389,409.84
Original Contract Dates:	04-23-2015 – 04-22-2016
No. of Option Years in Contract:	4
Option Year 1 Value:	\$389,409.84
Option Year 1 Dates:	04-23-2016 – 04-22-2017
Modification Value:	(\$4,056.48)
Modification Dates:	08-23-2016—04-22-2017
Option Year 2 Value:	\$389,409.84
Option Year 2 Dates:	04-23-2016 – 04-22-2017

Purpose of the Contract:

To contract for uninterrupted Document Management Services that includes managing the Reprographics Center, Mailroom Operations and Copier Maintenance services for the District of Columbia Water and Sewer Authority (DC Water) Department of Facilities Management.

Contract Scope:

The contract provides for the management of the Reprographics Center, Mail Room, and Document Management Services.

Spending Previous Year:

Cumulative Contract Value:	04-23-2015 to 04-22-2017: \$772,687.29
Cumulative Contract Spending:	04-23-2015 to 02-28-2017: \$592,332.46

Contractor's Past Performance:

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

No LBE/LSBE participation.

Local Dealer: Canon Solutions America, Inc.
3190 Fairview Park Drive
10th Floor – Suite 1000
Falls Church, VA 22042

PROCUREMENT INFORMATION

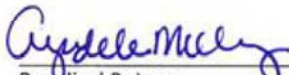
Contract Type:	Fixed Price	Award Based On:	Highest Rated Offeror
Commodity:	Services	Contract Number:	15-PR-DFS-05
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	Department:	Facilities
Project Area:	DC Water Wide	Department Head:	Johnnie Walker

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Am
District of Columbia	83.65%	\$325,7
Washington Suburban Sanitary Commission	12.07%	\$47,0
Fairfax County	2.84%	\$11,0
Loudoun Water	1.25%	\$4,8
Other (PI)	0.19%	\$7
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$389,40

 / 3/1/17
 Rosalind R. Inge
 Assistant General Manager
 Support Services
 Date

 / 3/1/17
 Dan Bae
 Director of Procurement
 Date

 / 3/6/17
 Mark Kim
 Chief Financial Officer
 Date

 / 3/29/17
 George S. Hawkins
 General Manager
 Date

Presented and Adopted: April 6, 2017

SUBJECT: Approval to Execute Supplemental Agreement No. 04 of Contract No. DCFA #425-WSA, HDR Engineering, Inc.

**#17-20
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 April 6, 2017 upon consideration of a joint use matter decided by a vote of ____() in favor and ____() opposed to execute Supplemental Agreement No. 04 of Contract No. DCFA #425-WSA, HDR Engineering, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplement Agreement No. 04 of Contract No. DCFA #425-WSA, HDR Engineering, Inc. The purpose of the supplemental agreement is to provide engineering services for detailed design of additional scope of work, including dilution of the degritter feed system and new pumps. The supplemental agreement amount is \$1,206,136.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT:

**Gravity Thickener Upgrades – Phase II
(Joint Use)**

Approval to execute Supplemental Agreement No. 04 for \$1,206,136. The modification exceeds the General Manager’s approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
HDR Engineering, Inc. 2600 Park Tower Drive Suite 100 Vienna, VA 22180-7342	Savin Engineers, PC Baltimore, MD MBE	24.2%
	Diversified Engineering, Inc. Silver Spring, MD MBE	5.9%
	HB Permitting, Inc. Washington, DC MBE	0.5%
	PDH Associates, Inc. Potomac, MD WBE	7.1%
	Clemson Engineering Hydraulics, Inc. Anderson, SC	3.7%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,100,000
Value of this Supplemental Agreement:	\$1,206,136
Cumulative SA Value, including this SA:	\$4,501,591
Current Contract Value, Including this SA:	\$5,601,591
Original Contract Time:	365 Days (1 Year)
Time extension, this SA:	0 Days
Total SA contract time extension:	2,943 Days (8 Years, 1 Month)
Contract Start Date:	02-23-2011
Contract Completion Date:	03-15-2020

Purpose of the Contract:

Provide engineering services for the development of upgrades to the Gravity Thickeners (GTs) and the Primary Sludge Screening and Degritting Building.

Original Contract Scope:

- Provide a concept design report and preliminary engineering services for improvements to the Gravity Thickener Facility.

Previous Supplemental Agreement Scope:

- Provide engineering services for detailed design and bidding including restoring GTs 5-6 to service; new equipment for GTs 7-10, covers and ventilation for GTs 1-10; new primary sludge degritting equipment; upgrades to electrical and controls systems.
- Preparation of a Commissioning Plan during design and an Operations and Maintenance (O&M) Manual during construction.

Current Supplemental Agreement Scope:

- Provide engineering services for detailed design of additional scope of work, including dilution of the degritter feed system and new pumps, new equipment for GTs 1-4, several improvements for operator safety and updates for changed site conditions.

Future Supplemental Agreement Scope:

- A future supplemental agreement is anticipated to provide professional services during construction for upgrades to the Gravity Thickener Facility.

PROCUREMENT INFORMATION

Contract Type:	Lump Sum/Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Design Services	Contract Number:	DCFA #425-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Wastewater Engineering
Service Area:	Wastewater Treatment	Department Head:	Diala Dandach
Project:	BX		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	41.22%	\$ 497,169.00
Washington Suburban Sanitary Commission	45.84%	\$ 552,893.00
Fairfax County	8.38%	\$ 101,074.00
Loudoun County & Potomac Interceptor	4.56%	\$ 55,000.00
Total Estimated Dollar Amount	100.00%	\$1,206,136.00


 _____ 3/9/17
 Mark Kim Date
 Chief Financial Officer


 _____ 3/9/17
 Dan Bae Date
 Director of Procurement


 _____ 3-6-17
 Leonard R. Benson Date
 Chief Engineer


 _____ 3-29-17
 George S. Hawkins Date
 General Manager

Presented and Adopted: April 6, 2017

SUBJECT: Approval to Execute Contract No. DCFA #482-WSA, RK&K

**#17-21
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 April 6, 2017 upon consideration of a joint use matter decided by a vote of ____() in favor and ____() opposed to execute Contract No. DCFA #482-WSA, RK&K.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract N DCFA #482-WSA, RK&K. The purpose of the contract is to provide permitting service District Department of Transportation reviews and permit tracking for the development and implementation of a capital improvement program in the District of Columbia, the Potomac Interceptor Sewer System in Maryland and Virginia. The contract not-to-exceed amount is \$4,000,000.

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:

**Capital Improvement Program Permit Support Services
(Joint Use)**

Approval to execute an Architectural and Engineering Services Agreement in an amount not to exceed \$4,000,000.00 for first three years (Phase 1) of the contract. Phases 2 and 3 of this contract, consist one year each, will be awarded at DC Water's sole discretion pending acceptable performance and evaluation of program implementation for prior phase/s. Board of Directors approval of the contract modification(s) for the subsequent phase/s will be sought at that time.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATIO
RK&K 300 M Street, SE Suite 880 Washington, DC 20003	Interagency, Inc, Washington, DC	MBE 26.0%
	Sheladia Associates Rockville, MD	MBE 2.8%
	SZ PM Consultants, Inc, Washington, DC	WBE 4.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-to-Exceed: \$4,000,000
 Contract Time: 1,095 Days (3 Years, 0 Months)
 Anticipated Contract Start Date: 04-03-2017
 Anticipated Contract Completion Date: 04-02-2020

Other firms submitting proposals/qualification statements:

- ATCS/EBA *
- McKissack & McKissack *
- RDC/Louis Berger *

*Asterisk indicates short listed firms.

Purpose of the Contract:

To provide permitting support services, District Department of Transportation (DDOT) reviews permit tracking for the development and implementation of a capital improvement program (CI) the District of Columbia and, for the Potomac Interceptor Sewer System in Maryland and Virginia. This includes the development of an electronic tracking management tool for CIP permit tracking/management as well as DDOT project review coordination.

Contract Scope:

- Provide permit staff support for all CIP projects in the District of Columbia and to a limited extent the neighboring jurisdictions.
- Develop a permit tracking tool.
- Coordinate DDOT project reviews.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Services	Contract Number:	DCFA# 482-WSA
Contractor Market:	Open Market		


BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water, Sanitary, Combined Sewer	Department Head:	Liliana Maldonado
Project:	AU, AV, ME		

ESTIMATED USER SHARE INFORMATION

User	**Share %	Dollar Amount
District of Columbia	100.00%	\$4,000,000.00
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%	\$4,000,000.00


**Under the terms of the IMA, the capital costs associated with each joint use facility are to be split among the users in proportion to the peak flow each user is allocated. It is not possible, at this time, to allocate costs by individual facility. It is anticipated that as projects are developed for work associated with specific facilities and costs are developed, the individual users will be notified and billed accordingly.

 3/9/17

 Mark Kim Date
 Chief Financial Officer

 3/9/17

 Dan Bae Date
 Director of Procurement

 3-6-17

 Leonard R. Benson Date
 Chief Engineer

 3-29-17

 George S. Hawkins Date
 General Manager

Presented and Adopted: April 6, 2017
SUBJECT: Approval to Execute Contract No. 170010
United Plumbing and Mechanical, LLC

#17-22
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 April 6, 2017 upon consideration of a non-joint use matter, decided by a vote of ____() in favor and ____() opposed to execute Contract No 170010, United Plumbing and Mechanical, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No 170010, United Plumbing and Mechanical, LLC. The purpose of the contract is to furnish and install domestic pressure reducing valves with integral thermal expansion bypass within private residences. The contract not-to-exceed amount is \$1,497,405.

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:

**Anacostia 2nd High Residential Pressure Reducing Valve Installation
(Non-Joint Use)**

Approval to execute a construction contract for \$1,497,405.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION
United Plumbing and Mechanical, LLC 70 I Street, S.E. #526 Washington, DC 20003	No MBE contractors*	0.0%
	No WBE contractors*	0.0%

*The Contractor performed adequate subcontractor outreach, however, there was minimal interest from qualified MBE/WBE firms and no subcontractor proposals were received.

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$1,497,405.00
Contract Time:	365 Days (1 Years, 0 Months)
Anticipated Contract Start Date (NTP):	04-15-2017
Anticipated Contract Completion Date:	04-15-2018
Bid Opening Date:	12/12/2016
Bids Received:	3
Other Bids Received	
Welsh and Rushe, Inc.	\$ 2,886,813.00
Anchor Construction Corporation	\$ 3,860,710.00

Purpose of the Contract:

To furnish and install domestic pressure reducing valves with integral thermal expansion bypass within private residences.

Contract Scope:

- Installation of approximately 1667 Residential Pressure Reducing Valves with Integral Thermal Expansion Bypass and Appurtenances.
- Miscellaneous demolition and removals of Residential Plumbing

PROCUREMENT INFORMATION

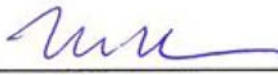
Contract Type:	Fixed Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	170010
Contractor Market:	Open Market		

BUDGET INFORMATION

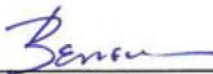
Funding:	Capital	Department:	Engineering and Technical Service
Service Area:	Water	Department Head:	Liliana Maldonado
Project:	MA		

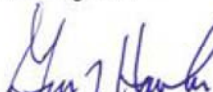
ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$1,497,405.00
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%	\$1,497,405.00


 _____, 3/9/17
 Date
 Mark Kim
 Chief Financial Officer


 _____, 3/9/17
 Date
 Dan Bae
 Director of Procurement


 _____, 3-6-17
 Date
 Leonard R. Benson
 Chief Engineer


 _____, 3-29-17
 Date
 George S. Hawkins
 General Manager

Presented and Adopted: April 6, 2017
SUBJECT: Approval to Execute Contract No. 140170
W.M. Schlosser Company, Inc.

#17-23
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 April 6, 2017 upon consideration of a non-joint use matter, decided by a vote of ____() in favor and ____() opposed to execute Contract No 140170, W.M. Schlosser Company, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No 140170, W.M. Schlosser Company, Inc. The purpose of the contract is to provide additional capacity and improvements to the existing Heating, Ventilation and Air Conditioning system at Bryant Street Pumping Station. The contract not-to-exceed amount is \$2,288,000.

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:

**Bryant Street Pumping Station HVAC Improvements
(Non-Joint Use)**

Approval to execute a construction contract for \$2,288,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
W.M. Schlosser Company, Inc. 2400 51 st Place Hyattsville, MD 20781	Prince Construction Co., Inc. Washington, DC MBE	33.2%
	Roane's Rigging & Transfer, Inc. Owings Mills, MD WBE	6.2%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$2,288,000.00
Contract Time:	435 Days (1 Year, 2 Months)
Anticipated Contract Start Date (NTP):	06-01-2017
Anticipated Contract Completion Date:	08-10-2018
Bid Opening Date:	02-01-2017
Bids Received:	2
Other Bids Received	
CPP Construction Company, Inc.	\$2,935,000.00

Purpose of the Contract:

To provide additional capacity and improvements to the existing Heating, Ventilation and Air Conditioning (HVAC) system at Bryant Street Pumping Station to help protect equipment from overheating and to maintain appropriate working environment temperatures for DC Water staff.

Contract Scope:

- Install a new supplementary air conditioning system for 3rd floor of pumping station building.
- Install new destratification fans for 3rd floor of pumping station building.
- Replace air conditioning system for 2nd floor Information Technology (IT) room of pumping station building.
- Provide various HVAC system improvements to the main pumping station building, meter shop, and warehouse office space.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	140170
Contractor Market:	Open Market		

BUDGET INFORMATION


Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water	Department Head:	Liliana Maldonado
Project:	JB		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$2,288,000.00
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%	\$2,288,000.00


 _____, 3/9/17
 Mark Kim Date
 Chief Financial Officer


 _____, 3/9/17
 Dan Bae Date
 Director of Procurement


 _____, 3-6-17
 Leonard R. Benson Date
 Chief Engineer


 _____, 3-24-17
 George S. Hawkins Date
 General Manager

Presented and Adopted: April 6, 2017
SUBJECT: Approval to Execute Contract No. 150050
Capital Paving, Inc.

#17-24
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 April 6, 2017 upon consideration of a non-joint use matter, decided by a vote of ____() in favor and ____() opposed to execute Contract No 150050, Capital Paving, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No 150050, Capital Paving, 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 not-to-exceed amount is \$14,079,200.

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 12a
(Non-Joint Use)**

Approval to execute a construction contract for \$14,079,200.00

CONTRACTOR/SUB/VENDOR INFORMATION

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

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$14,079,200.00
Contract Time:	715 Days (1 Year, 11 Months)
Anticipated Contract Start Date (NTP):	04-28-2017
Anticipated Contract Completion Date:	04-13-2019
Bid Opening Date:	12-14-2016
Bids Received:	6
Other Bids Received	
Sagres Construction Corporation*	\$ 12,442,775.00
Fort Myer Construction Co.	\$ 14,741,191.00
J. Fletcher Creamer & Son, Inc.	\$ 14,946,171.00
Civil Construction LLC.	\$ 14,994,615.00
Anchor Construction Corporation	\$ 17,260,490.50

*Lowest bidder was deemed non responsive as they did not submit the required documentation demonstrating their compliance with the Environmental Protection Agency (EPA) MBE/WBE affirmative action steps.

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 approximately 4.0 miles of 16 inch diameter and smaller water mains and associated valves and appurtenances at various locations within Wards, 1, 5, 6, 7 and 8.
- Replace copper water services, 2 inch diameter and smaller, in public and private space.
- Install curb stop /curb stop box, meter box and penetration through building wall and connection to first fitting inside the building including installation of a shut-off valve and pressure reducing valve.
- Install permanent pavement and surface restoration.

Federal Grant Status:

- Construction contract is funded in part by a Federal grant.

PROCUREMENT INFORMATION

Contract Type:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	150050
Contractor Market:	Open Market		

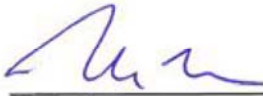
BUDGET INFORMATION


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

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$14,079,200.00
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%	\$14,079,200.00

** 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.


 _____, 3/9/17
 Date
 Mark Kim
 Chief Financial Officer


 _____, 3/9/17
 Date
 Dan Bae
 Director of Procurement


 _____, 3/8/17
 Date
 Leonard R. Benson
 Chief Engineer


 _____, 3/29/17
 Date
 George S. Hawkins
 General Manager