

AMENDED 4/7/16



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY  
219<sup>th</sup> MEETING OF THE BOARD OF DIRECTORS  
Thursday, April 7, 2016  
9:30 a.m.  
5000 Overlook Avenue, SW  
Room 407**

- I. **Call to Order (Chairman Matthew Brown)**
- II. **Roll Call (Linda Manley, Board Secretary)**
- III. **Approval of March 3, 2016 Minutes**
- IV. **Chairman's Overview**
- V. **Committee Reports**
  1. **Governance Committee (Rachna Butani Bhatt)**
  2. **Human Resources and Labor Relations Committee (Bradley Frome)**
  3. **Environmental Quality and Sewerage Services Committee (James Patteson)**
  4. **Water Quality and Water Services Committee (Howard Gibbs)**
  5. **Finance and Budget Committee (Timothy Firestine)**
- 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 Four of Contract No. WAS-12-013-AA-SH, Univar USA, Incorporated - Resolution No. 16-19 (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)**
  2. **Approval to Execute Option Year Three of Contract No. WAS-13-006-AA-RE, PVS Chemical Solutions, Inc. – Resolution No. 16-20 (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)**
  3. **Approval to Execute Option Year Four of Contract No. WAS-11-059-AA-RA, Collins Elevator Services, Inc. – Resolution No. 16-21 (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)**
  4. **Approval to Execute a modification to Contract No. 14-PR-OGC-01, Environmental Legal Services – Resolution No. 16-23 (Recommended by Finance and Budget Committee 3/24/16)**
  5. **Approval to Support Mayor's Order Banning Official District Government Travel to North Carolina – Resolution No. 16-30**

**IX. Consent Items (Non-Joint Use)**

1. [Approval to Execute a Contract Modification to Contract No. WAS-10-042-AA-SC, Bank of America, N.A. – Resolution No. 16-22](#) (Recommended by Finance and Budget Committee 3/24/16)
2. [Approval to Execute Contract No. 160030, Marine Technologies, Inc. – Resolution No. 16-24](#) (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)
3. [Approval to Execute Change Order No. 01 of Contract No. 130200, Capitol Paving of D.C., Inc. – Resolution No. 16-25](#) (Recommended by Water Quality and Water Services Committee 3/17/16)
4. [Approval to Execute Change Order No. 02 of Contract No. 140010, Capitol Paving of D.C., Inc. – Resolution No. 16-26](#) (Recommended by Water Quality and Water Services Committee 3/17/16)
5. [Approval to Execute Contract No. 130170, Ulliman Schutte Construction – Resolution No. 16-27](#) (Recommended by Water Quality and Water Services Committee 3/17/16)
6. [Approval to Execute a modification to Contract No. WAS-10-023-AA-RE, Orcom Solutions, LLC – Resolution No. 16-28](#) (Recommended by Water Quality and Water Services Committee 3/17/16)
7. [Approval to Execute a modification to Contract No. WAS-9087-AA-AB, Orcom Solutions, LLC. – Resolution No. 16-29](#) (Recommended by Water Quality and Water Services Committee 3/17/16)

**X. Executive Session** – To discuss legal, confidential and privileged matters pursuant to Section 2-575(b) of the D.C. Official Code<sup>1</sup>

**XI. Adjournment**

<sup>1</sup> 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 – 4<sup>th</sup> Floor)**

- Environmental Quality and Sewerage Services Committee – Thursday, April 21, 2016 @ 9:30 a.m. (5000 Overlook Avenue, SW)
- Joint Meeting of the Environmental Quality and Sewerage Services and Water Quality and Water Services Committees – Thursday, April 21, 2016 @ 10:15 a.m.

- Water Quality and Water Services Committees – Thursday, April 21, 2016 @ 11:00 a.m. (5000 Overlook Avenue, SW)
- D.C. Retail Water and Sewer Rates Committee – Tuesday, April 26, 2016 @ 9:30 a.m (5000 Overlook Avenue SW).
- Audit Committee – Thursday, April 28, 2016 @ 9:30 a.m. (5000 Overlook Avenue SW)
- Finance and Budget Committee – Thursday, April 28, 2016 @ 11:00 a.m. (5000 Overlook Avenue SW)



# DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

## BOARD OF DIRECTORS

### GOVERNANCE COMMITTEE

#### MEETING MINUTES

March 9, 2016

#### Committee Members

Ellen O. Boardman, Chairperson  
Rachna Butani Bhatt

#### D.C. Water Staff

Biju George, Chief Operating Officer  
Meena Gowda, Acting General Counsel  
Jennifer Harper, Office of General Counsel  
Linda Manley, Board Secretary

Chairperson Boardman convened the meeting at 9:00 a.m. Korey Gray, Compliance Officer, addressed Agenda Item # 2– DC Water Works! Employment Programs Update.

DC Water's goods and services employment data through January 31, 2016 reflected an increase of thirteen (13) workers since November, 2015. This includes six (6) new hires, four (4) of whom are residents of DC Water's User Jurisdiction. One (1) new project became active over the same period. In total, goods and service projects show 554 job positions, 351 of which were filled by residents within the user jurisdictions, including 115 of which were District residents. Since the beginning of FY 2016, there were 6 new hires, 4 of whom were from the User Jurisdiction, including 1 who is a District resident.

Four (4) new non major projects became active since the last report. The non-major construction projects data showed an increase of 156 positions since November, including three (3) new hires. Of the new hires, all three were residents of DC Water's User Jurisdiction, including one who is a District resident. In total, non-major construction projects show 1,317 positions, 973 of which were filled by user jurisdiction residents, including 202 of whom were District residents. Since the beginning of FY 2016, there were 3 new hires, all of whom were from the User Jurisdiction.

Although no new major projects became active this reporting period, the major construction projects data showed an increase of 489 positions since November. This includes ten (10) new hires, two (2) of whom are residents of the District of Columbia. Also included were 221 union transfers. Of the union transfers, 104 are residents of the user jurisdiction, including 37 who are District residents.

In total, major construction projects show a total of 3,462 positions, 1,568 of which were filled by residents of the User Jurisdiction, including 391 of whom were District residents. There have been ten (10) new hires on major projects, all of whom are residents of the User Jurisdiction. Of the new hires, 50 were residents of the user jurisdiction, including 2 who are District residents.

Mr. Gray then provided a status update on the permanent Water Works program development. A draft of the program has been developed and DC Water is holding a number of stakeholder meetings to review the draft and get feedback. As of the March Governance Committee meeting, DC Water has already met with seven organizations, including the District Department of Employment Services, LiUna, and the Washington Interfaith Network. Conversations concerning the program will continue over the next several weeks.

Next, Acting General Counsel Meena Gowda introduced Jennifer A. Harper, Principal Counsel for Employment Law & Litigation, to address Agenda Item # 3– The Standards of Conduct Policy and Conflicts of Interest. Ms. Harper presented the Authority’s proposed revisions to the Standards of Conduct Policy regarding speaking engagements.

Section 1.3.9.5 of the Policy allows an employee who is speaking at a conference or similar event on behalf of the Authority to accept an offer of free attendance at the event, when provided by the sponsor of the event, if authorized by management as applicable. However, the Authority deems it a conflict of interest for a vendor or prospective vendor to pay for an employee’s travel and attendance to speak at a conference on behalf of the Authority. Therefore, while the Policy allows an organizing sponsor to pay for an employee’s travel and attendance to speak at a conference, it excludes any sponsor who is a DC Water vendor or prospective vendor. Accordingly, Section 1.3.9.5 was expanded to include the following language:

- 1.3.9.5 When an employee participates as a speaker to present information on behalf of the Authority at a conference or similar event, the employee may accept an offer of free attendance at the event on the day of the employee’s appearance, including reimbursement or payment for transportation, lodging, meals, and related expenses, if made by the sponsor of the event and the benefit is not in any manner, directly or indirectly, provided or paid by any vendor conducting business or seeking to conduct business with the Authority. Except for the General Manager, the employee’s participation shall be authorized in writing and in advance of the event by the employee’s supervisor.

*(Revisions in blueline.)*

Ms. Harper stated that the revised provision was first presented to the Committee at its meeting on January 13, 2016. At that meeting, several Committee members inquired about the phrases “in any manner” and “directly or indirectly.” Chairperson Boardman recalled that the concern was the language could potentially encompass the benign situation where a vendor had paid sponsorship or registration fees in order to participate in a conference. This attenuated situation could be construed as a prohibited “indirect” payment.

Ms. Harper concurred with Ms. Boardman’s assessment. To address this concern, the language “in any manner, directly or indirectly” was removed to make the payment relationship between the vendor and employee more clear and concise. The new provision, so revised, will read as follows:

- 1.3.9.5 When an employee participates as a speaker to present information on behalf of the Authority at a conference or similar event, the employee may accept an offer of free attendance at the event on the day of the employee's appearance, including reimbursement or payment for transportation, lodging, meals, and related expenses, if made by the sponsor of the event, and the benefit is not provided or paid by any vendor conducting business or seeking to conduct business with the Authority. Except for the General Manager, the employee's participation shall be authorized in writing and in advance of the event by the employee's supervisor.

*(Revisions in blueline.)*

Ms. Harper explained that this exception should be read in conjunction with the general rule prohibiting the offer and acceptance of gifts by vendors and prospective vendors. In addition, the Authority recognizes the policy as a whole is intended to provide general guidance. There may be specific circumstances requiring a determination by management. In such cases, management will evaluate the matter on a case by case basis and make a decision in collaboration with the Office of General Counsel.

Chairperson Boardman asked whether the provision must be further reviewed by the Board of Directors or submitted for final approval by the General Manager. Ms. Gowda answered that the provision will be submitted for approval by the General Manager. No additional review from the Board is necessary.

There being no further business, the meeting was adjourned at approximately 9:20 a.m.



***DISTRICT OF COLUMBIA  
WATER AND SEWER AUTHORITY***

***BOARD OF DIRECTORS  
Human Resources and Labor Relations  
Committee  
March 9, 2016  
(via conference call)***

***MEETING MINUTES***

**Committee Members Present**

Bradley Frome, Chairman  
Rachna Butani-Bhatt  
Ellen Boardman

**DC Water Staff Present**

Meena Gowda, Acting General Counsel  
Biju George, Chief Operating Officer  
Linda R. Manley, Board Secretary

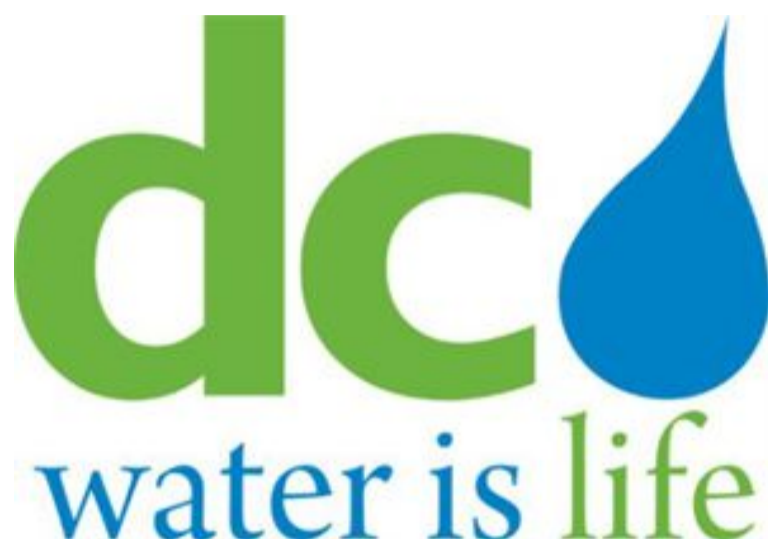
**1. Call to Order**

Chairman Bradley Frome called the meeting to order at 11:02 am.

**2. Executive Session**

Mr. Frome requested a motion to move into Executive Session to discuss personnel matters pursuant to D.C. Official Code Section 2-575(b)(10). Ms. Manley conducted a roll call and the Committee convened into an Executive Session at 11:05 am.

The Committee reconvened into open session and adjourned at 11:27am.



**District of Columbia  
Water and Sewer Authority**

**Board of Directors**

**Environmental Quality and Sewerage  
Services Committee**

*Thursday, March 17, 2016*

*9:30 a.m.*

**MEETING MINUTES**

**Committee Members**

James Patteson, Chairperson  
Howard Gibbs  
Mathew T. Brown  
Elisabeth Feldt  
Rev. Kendrick Curry  
Bo Menkiti (via conference)  
David Lake

**DC Water Staff Present**

George Hawkins, CEO and General Manager  
Liliana Maldonado, Director, DETS  
Meena Gowda, Acting General Counsel  
Linda R. Manley, Secretary to the Board

**I. Call to Order**

Mr. Patteson, Chairperson, called the meeting to order at 9:32 A.M.

**II. AWTP STATUS UPDATES**

**1. BPAWTP Performance**

Mr. Aklile Tesfaye, Assistant General Manager for Wastewater Treatment, reported the monthly-average influent flow was 347 MGD. This was the highest monthly-average influent flow since March 2010 due to the excess flow of 163 MG experienced during this period. He also reported that snowmelt from the blizzard occurred in January 2016 (3.1 inches reported) along with precipitation in February 2016 (2.79 inches reported) were the primary reasons for higher than normal monthly-average influent flows. The enhanced nitrogen removal facility is performing well, producing a low total nitrogen (TN) concentration of 3.17 mg/l. Overall, the plant performance was excellent with 100% permit compliance. Biosolids production was 390 wet tons per day (wtpd).

Mr. Tesfaye remarked commissioning activities and optimization of the Combined Heat and Power (CHP) facility continued through February 2016. The CHP facility generated an average of 137 MWH/day, making up 22% of total energy consumed at Blue Plains (i.e., 633 MWH/day). The energy-generation was impacted by an unanticipated shut down of the three (3) turbines, resulting inspection and repair activities. The inspections revealed mechanical damage to certain components in all units. As a result, all three (3) turbines were shut down, thereby temporarily halting electricity generation from February 29, 2016 to March 12, 2016. Turbine #1 had to be



disassembled and repaired at the manufacturer's shop in Texas because of the inspections conducted on the unit revealed damage that is more significant. Turbine #1 is expected to be back in service in April 2016.

The Committee inquired if the cause of the damage had been determined. Mr. Tesfaye explained that the preliminary investigations revealed mechanical damage to the turbine engines is from metal fragments (foreign object) and noted a root-cause analysis is underway. The Committee inquired as to how the contract with the manufacturer works in regards to repairs required, accounting for the potential loss of revenue, and higher-than-expected electricity costs incurred by DC Water during this shut down. DC Water will be looking further into the financial impacts of the shut down and will provide a complete report to the Committee in April. Mr. George Hawkins, CEO & General Manager, added that there has been a full-court press and tremendous teamwork involved and that DC Water will continue exploring every legitimate remedy that is available.

The Committee further inquired as to what the level of confidence is in terms of rooting out all the probable causes of the defects beyond just the mechanical failures. Mr. Hawkins replied that senior staff and technical experts have been closely involved in the ongoing resolution of the problem. A full diagnosis and a root-cause report will be provided after the manufacturer's assessment is completed.

### **III. INSPECTION OF NORTHEAST BOUNDARY (NEB) SEWER**

Ms. Liliana Maldonado, Director of DETS, presented a presentation to the Board as an explanation for a fact sheet with a proposed action of a sole-source contract award for the Northeast Boundary (NEB) Sewer Inspection Services. She provided an overview of the NEB sewer line, which begins near Howard University and concludes at the Anacostia River. The NEB sewer is one of the oldest in DC Water's system (approximately 120 years old).

The key concerns for DC Water are the age of the sewer and its existing condition as obtained from limited and previous inspections (i.e., 1744 D St Building demolition, NEB repairs, and Phase I inspection conducted in September 2015 by MTI, Inc.). Ms. Maldonado noted the usage of a phased-inspection approach to define the scope of detailed investigations, access, traffic control, safety requirements, and operational constraints to determine the best path forward for inspecting the entire sewer. The findings from the two inspections underscore the need for immediate, detailed inspection of the entire sewer to identify areas of concern and mitigate the potential for further structural failures. The results of the full inspection will help inform decisions regarding the need to accelerate the rehabilitation and repair projects for selected segments of the NEB sewer as compared to the current baseline CIP, which defers many of these repairs to latter years.

Limited reconnaissance inspections revealed further areas of concern beyond what was observed during the 1744 D Street inspection. In particular, a deformation of a circular section of a 6-ft diameter section of the sewer near Howard University was observed. Mr. Hawkins stated that this particular section is near the same area likely to flood during heavy rain events. Since the NEB sewer is a combined system, having a significantly deteriorated segment could lead to a bigger issue during such heavy rain events. The Committee inquired if there was anything above surface that could be causing these defects. Ms. Maldonado responded that at this time, there was no reason to believe there were surface conditions causing such a defect but the age of the sewer and the overall deterioration over time were probable causes. Mr. Roger Gans (a part-time DC Water employee who served as DETS Design Manager, prior to retirement) further stated that the proposed inspection activities would help determine if there are any surface conditions or

voids causing such defects.

The type of work proposed for this project is very specialized. It includes utilizing high-definition CCTV cameras and extensive lighting; construction of specialized movable platforms of varying configurations; conducting non-destructive testing of NEB brick masonry sewer; and providing divers and specialized equipment to access the sewer for inspection. This work must be done safely while the sewer is in continuous operation. Ms. Maldonado also mentioned that the results from the proposed inspection will be used by the contractor to prepare an engineering report documenting all defects. The contractor will provide recommendations that will help inform and clarify the scope, timing, and the need for specific repairs. Any work required to repair and rehabilitate the sewer would be a separate effort(s) under a different contract(s); this proposed action is solely for the inspection services.

Ms. Maldonado stated the reasons why Marine Technologies Inc. (MTI) is recommended as a sole source service provider for the work, as follow:

1. MTI is uniquely qualified to provide the proposed service because of their familiarity with the NEB sewer
2. MTI conducted Phase I reconnaissance inspection mentioned above
3. MTI has the specialized rigging equipment needed for access to the NEB sewer
4. MTI previously prepared and implemented successful traffic control and safety plans for the NEB sewer

MTI Technical Director (previously with JF White), conducted successfully the B Street New Jersey sewer inspection, which was an undertaking of similar complexity. The diving director for the B Street New Jersey inspection is now the technical director for MTI, thereby providing continuity of experienced personnel who are knowledgeable of our system, DC traffic control and permit requirements. DC Water completed a thorough Determination and Findings (D&F) in accordance with DC Water's procurement regulations and considered whether there were other potential firms that could do the proposed work. It was determined; however, that due to the unique challenges and requirements inherent in the contractor's proposed work, experience, and familiarity with similar tasks and with our sewer, "sole sourcing" of this contract was appropriate.

The Committee inquired if Phase I work that MTI conducted was a sole source. Ms. Maldonado replied yes, that a sole source was needed to determine access issues and equipment needs for the inspection of the entire sewer. Phase I work also provided reconnaissance level inspection and limited condition data to assess the extent of potential risks and the necessary scope and level of effort for the proposed project. The Committee inquired if there would be any planned tasks or projects that are most likely be placed on hold or delayed because of this proposed inspection. Ms. Maldonado replied, DC Water decided to move up the inspection activities of all of "Major" sewers (including large trunk sewers ) to further assess risks given that many of the potential associated repairs are in the latter years of the approved 10-yr CIP. As a result, this proposed inspection is budgeted within the current fiscal-year approved CIP budget. Mr. Hawkins added the outcome and recommendations resulting from this proposed inspection might inform us as to the need to expedite some repair and rehabilitation projects in the near-term years. If this happens, it will be for specific, data-driven findings and recommendations documented in the inspection and condition assessment report to be delivered for this project.

The Committee inquired if DC Water's Asset Management Program (AMP) has evolved sufficiently enough that it can utilize the program to prioritize this type of capital projects. Ms. Maldonado replied that DC Water's AMP has progressed enough that we have started to utilize it

in prioritization of projects in the CIP. An update of the AMP to the Board is forthcoming. The Committee further inquired if this proposed inspection will inform DC Water's decision-making process in terms of prioritizing which segments of the NEB sewer might need repairing and rehabilitating first. Ms. Maldonado responded, in the affirmative.

The Committee inquired if there was any further opportunity to increase local subcontractor participation in the proposed sole-source contract. Ms. Maldonado replied that DC Water completed a thorough search but due to the specialized nature of the work involved, there is not additional scope that can be subcontracted beyond what is currently listed on the fact sheet. The specialized skills needed are not only limited to divers but also in the use and operation of specialized equipment, thereby further limiting the pool of qualified and experienced contractors who can participate in this type of work. The Committee further inquired if the proposed contractor is licensed in the District of Columbia to perform engineering services. Ms. Maldonado replied, in the affirmative, and added that Steve Bian (DC Water, Structural Engineer) and Roger Gans will closely be involved in the condition assessment of the sewer working in collaboration with the contractor.

The Committee inquired as to shortcomings of other potential contractors considered by DC Water. Mr. Gans replied that DC Water contacted other potential contractors but all were engaged in conducting standard CCTV inspection work for mostly 'small' diameter sewers, ranging in diameter from 8 inches to 36 inch sewers and did not have specialized diving capabilities and equipment needed for this large-sewer inspection. The Committee also inquired of DC Water's sole source requirements and whether there would be a publication made of the sole-source decision. Ms. Maldonado, Mr. Hawkins and Mr. Bosley (Chief of Procurement), informed the Committee that DC Water does not publish a notice of sole source award when the D&F recommends this approach. The process of determining and recommending a sole source contract is very restrictive by design and highly transparent. The D&F goes through a rigorous internal vetting process that ends with review and approval by Mr. Hawkins. Prior to presenting a request for sole source to the Board, Mr. Hawkins conducts a detailed evaluation as to the need and appropriateness of such request. Ms. Maldonado also indicated that the posting of sole-source determinations could be considered in the future if the Board deems appropriate, even though it is not currently a requirement in DC Water's procurement regulations.

The Committee inquired as to what other assets are considered by DC Water to be of similar priority as the NEB sewer and if DC Water has a process in place that assesses older and riskier assets after major natural events and/or other major significant events (such as heavy rain events, earth quakes, etc.). Mr. Hawkins replied that another major asset with a similar level of priority is the Tiber Creek Trunk sewer. He also mentioned that DC Water could address the process of prioritizing sewers for inspection, assessment, and repair in a larger context of DC Water's AMP in the future.

The Committee supported the recommended action item for inspection of the NEB Sewer.

#### **IV. ACTION ITEM - JOINT USE**

1. Contract No. WAS-13-066-AA-RE, PVS Chemical Solutions, Inc.
2. Contract No. WAS-12-013-AA-SH, Univar USA, Inc.
3. Contract No. WAS-11-059-AA-RA, Collins Elevator Services, Inc.

Mr. Dan Bae, Director Procurement, presented action items 1, 2 and 3.

**Action Item 1:** Request to execute option year 3 for the supply and delivery of liquid sodium bisulfite. The Committee suggested that the 'Purpose of the Contract' statement on the fact sheets needs to be more detailed and specific as to the need for the chemical being purchased, such as stating that Sodium Bisulfite is used for de-chlorination purposes for example. Mr. Bae indicated that this can be added.

The Committee inquired as to why there was no LBE/LSBE participation on all three (3) of the proposed joint-use contracts. Mr. Dan Bae responded this was primarily because DC Water purchases these chemicals directly from large manufacturers and because of the limited number of vendors. Mr. Bae added that DC Water is looking into other avenues to increase the LBE/LSBE participation in these types of contracts.

**Action Item 2:** Request to execute option year 4 for the supply and delivery of sodium hydroxide. The Committee commented that the use of local firms/transportation companies be considered as part of the procurement requirements for these types of contracts. The matter was referred to the Governance Committee for consideration.

**Action Item 3:** Request to execute option year 4 for elevator maintenance and repair services. The Committee inquired if there was a process in place whereby vendor and contractor performance, quality of work and client satisfaction records from experiences are tracked and used to inform future procurement decisions. Mr. Bae replied that a formal process to this effect being finalized and is expected to be in place within the next two (2) months.

The Committee recommend three (3) actions to the full Board.

#### **ACTION ITEM – NON JOINT USE**

1. Contract No. 160030, Maritime Technologies, Inc.

Ms. Maldonado presented the basis for the requested contract with MTI per agenda item III. The Committee will recommend the action to the full Board.

#### **V. ENTERPRISE IT PLANNING**

Mr. Thomas Kuczynski, Chief Information Officer, began his presentation by stating that prior to the implementation of the IT framework that is now in place, the planning process for IT initiatives, projects and tasks was ad hoc. Mr. Kuczynski explained that proper IT governance was essential to ensure resources are properly allocated to initiatives that provide the greatest value in support of DC Water objectives. The new governance procedures implemented at DC Water have resulted in a more disciplined approach and improvements in planning, project prioritization and selection, cost and budget optimization, project management and execution and overall results.

Mr. Kuczynski explained DC Water's Enterprise IT Governance consists of a two-tiered structure – an Executive Steering Committee (ESC) and a Local Steering Committee (LSC). The ESC is primarily focused on overall strategy and establishing a general IT budget at the start of the year and considers large strategic initiatives that typically require \$500,000 or more in investment. He further explained that LSCs are focused on a specific line of business, a particular product or a particular process that needs improvement.

Mr. Kuczynski added that under the IT governance framework, individual initiatives are vetted by LSCs and submitted to the ESC for funding. When an opportunity is identified and a preliminary assessment of the proposal is made, LSCs will then review the results and determine the need for a detailed business case evaluation. If approved, and depending on the scale of the proposal, the initiative goes directly to the IT group for implementation. For larger initiatives, all the different proposals are prioritized and ranked within LSCs and schedules for business case evaluations are set. Next, the business case evaluations are ranked against each other by LSCs and a portfolio of proposed projects submitted to the ESC for consideration. The ESC then prioritizes these proposals in comparison to other agency and departmental IT needs and selects a final portfolio of projects for implementation.

Mr. Kuczynski explained that there are multiple criteria used to evaluate and screen projects prior to final selection. The evaluations that LSCs conduct also consider a proposed project's alignment with eight (8) other strategies or categories as mentioned in slide 36 of the presentation. IT initiatives are further ranked within each strategy grouping based on effort, value, cost, risk and impact. As a result of this process, 38 initiatives were approved for implementation in FY 2016, eight (8) were returned to the LSCs for further refinement and four (4) were deferred. The total IT investment requiring ESC level of approval is set at \$7.6 million for FY 2016, not including core IT infrastructure investments.

Mr. Hawkins added that prior to the implementation of this process, specifically in FY 2013, there were approximately 67 initiatives and candidate projects that were not progressing efficiently due to lack of proper prioritization. Implementation of DC Water's IT governance framework has significantly improved the prioritization process. IT has now become an organizational area of strength.

Lastly, the Committee inquired as to who constituted the ESC and LSCs. Mr. Kuczynski replied that the senior executives of DC Water comprise the ESC and the LSCs are comprised of director and/or manager-level personnel within the respective area of focus.

## **VI. OTHER BUSINESS/EMERGING ISSUES**

None.

## **VII. ADJOURNMENT**

Meeting adjourned at 11:02 a.m.

### **Follow-up Items**

1. AGM Blue Plains: Provide a root cause and financial impact report on the CHP turbine engine damage.
2. Refer to Governance Committee: Consider procurement alternatives and contract requirements for use of local transportation firms for chemical deliveries.



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

**BOARD OF DIRECTORS  
WATER QUALITY AND WATER SERVICES COMMITTEE**

**MEETING MINUTES  
THURSDAY, MARCH 17, 2016**

**Present Board Members**

Howard Gibbs, Vice Chair  
Kendrick Curry

**Present D.C. Water Staff**

George Hawkins, General Manager  
Charles Kiely, Assistant General Manager  
for Customer Care and Operations  
Linda R. Manley, Secretary to the Board

**I. Call to Order**

Mr. Gibbs called the meeting to order at 11:00 a.m. He stated that there would be a slight revision to the agenda and that the remaining issues would follow.

**II. Emerging Issue - Southeast Water Front Property**

Mr. Hawkins stated that there was an emerging issue concerning a recent article in the Washington Business Journal and other publicity over the Yards Development around the Old Pump Station where Sewer Services and Fleet are located. Forest City is a private developer of land on the southeast water front that D.C. Water has worked well with over a number of years. They have a long term development plan with the City for most of the parcels along the southeast water front. Mr. Hawkins reported that D.C. Water has been helping the City achieve its goals. In order for any development on those parcels, D.C. Water needs permanent locations that are sufficient for Fleet and Sewer Services. He indicated that D.C. Water's ratepayers must be made whole for the cost of moving Fleet and Sewer Services because these are not moves that are being made for D.C. Water's purposes but to accommodate development work. Many sites have been looked at over the years.

Forest City has an agreement to build a landmark theatre on the D.C. Water parcels. The way the system works is that the City has an underlying property right to the land but D.C. Water has a possessory property right for as long as it does its work there. Mr. Hawkins stated that D.C. Water will not move until there is an engineering opinion that alternative sites are sufficient for

its operations. D.C. Water has been supporting Forest City in its planned unit development applications but has raised the questions and the precursor issues that must be resolved. D.C. Water needs a permanent sufficient location, not a temporary location where there is uncertainty. This is in the best interest of the City also because they will have to pay for the building and/or renovate the permanent facilities for D.C. Water.

Mr. Gibbs asked if the new facility has to be built before a move is made. Mr. Hawkins replied that there might be a chance that a temporary move could be made if everyone was certain that the permanent is funded and being built, but this is not optimal. D.C. Water has even put out earnest money for property they have found for Fleet in Prince George's County. D.C. Water has been extremely active and a productive partner in this outcome. Mr. Hawkins stated that it is D.C. Water's ratepayers that they have to be most mindful of and that D.C. Water has to be able to deliver the services continuously and effectively.

Mr. Gibbs asked if this has any impact on the building of D.C. Water's new headquarters building and Mr. Hawkins replied that they do not believe it has any impact but is adding to the complexity of how the schedule moves forward. Space is the important issue for construction laydown, parking space, etc.

## **II. Emerging Issue – Lead in the Drinking Water**

Mr. Hawkins stated that this was put on the agenda after the Board voiced interest and concern following the Flint lead in water emergency and the importance of providing an update on D.C. Water's experiences with the lead replacement program since its own emergency in the early 2000s. He stated that a recent article was written and a tweet went out from a publisher that was very damaging to D.C. Water because the tweet stated that there were water quality problems today, when the earlier article was about what had happened ten years ago. Mr. Hawkins indicated that since Flint, they have been regularly interviewed about their earlier experiences. Mr. Hawkins reported that they are looking at D.C. Water's program to determine if it should be enhanced or improved and that when conclusions are reached, they will come back to the Committee in the next couple of months.

Maureen Schmelling and Charles Kiely, Assistant General Manager, provided an update on D.C. Water's lead replacement program and all the efforts they take to reduce lead in water. The written documents of the presentation are available on the D.C. Water website under the Committee's meeting agenda and materials.

Ms. Schmelling began the update by presenting the sources of lead and discussing how to minimize lead releases. Mr. Hawkins pointed out that there is no lead in the water in the main, but possibly in the service line to the home and the plumbing to the faucet. Ms. Schmelling emphasized that they always educate customers on replacing lead service lines, replacing of fixtures like kitchen faucets and water fountains, replacing and cleaning faucet aerators, and replacing galvanized iron service and galvanized iron pipes in home plumbing.

Ms. Schmelling went through the chronology of water treatment, corrosion, and regulatory actions taken from 2000 to 2007, when the Administrative Penalty Order closed the 2004 Administrative Order. In the beginning technology recommended that the method to use to

decrease the lead was to change from free chlorine to chloramine disinfectant. By 2002 they started to see the unexpected outcome of the change. There is a big difference between what happened in the District and what is happening in Flint—action was taken quickly to address the emergency and it was successful.

Ms. Schmelling then discussed the service line replacement program as of 2004 and the issue of customer decisions to only partially replace the service lines versus full replacements. The results of partial versus full replacements were analyzed and it was decided that it would be better to discontinue doing partial replacements because they did not see desired improvements. In the last few years they have seen improvement in the number of customers who decided to replace the full service lines and this is because of the education program and contractors encouraging customers to do full service replacements.

Mr. Gibbs asked if incentives were offered. Mr. Kiely stated that they offer customers D.C. Water's contract prices so it is a fixed cost and provide a list of contractors. There are no incentives. Mr. Gibbs said he was thinking about customers paying for it in installments through their water bills. Mr. Kiely indicated that there is a very small installment plan in place but that staff will be discussing this with the Office of the General Counsel to determine whether this is feasible.

Ms. Schmelling concluded the presentation by listing objectives that include the District continuing to promote removal of lead sources, partnerships with other agencies to encourage lead service replacements, reinstatement of regulations requiring removal when 50 percent of a home is renovated, educating home inspectors, searching for funds for low income homes, and determining unknown service lines to improve material inventory.

#### **IV. Water Quality Monitoring**

##### **A. Total Coliform Testing (TCR)**

Charles Kiely, Assistant General Manager for Customer Care and Operations, reported that there were zero positives in February and so far in March.

##### **B. Lead and Copper Rule Monitoring**

Mr. Kiely stated that they have 27 samples so far and they are under 3 parts per billion. There are no results so far.

Mr. Gibbs asked that under pending new EPA regulations what would be the time frame with the once per year testing. Mr. Kiely stated it would first move to annual testing from January to June and more than likely fall into the three year testing time frame. Most of the utilities do testing every three years. There are stages within the rule. Since 2008 D.C. Water's twice a year testing has been voluntary and no request has been made to go to annual testing.

#### **V. Fire Hydrant Upgrade Program**



David Wall reported that there were 49 hydrants out of service due to defect of approximately 9,400 public hydrants, 49 versus 35 last month. The out of service due to temporary construction is the same. The increase is typically because of the snow event when hydrants get knocked over through different events. They are still being discovered now weeks after the snow event. Resources were redirected to address emergencies. When March is reported, it should be trending down again.

## **VI. Capital Improvement Program (CIP) Update**

Liliana Maldonado, Director of the Engineering and Technical Services Department, provided the CIP update. She stated that following a meeting a couple of months ago, General Manager Hawkins made a commitment that they would come to this Committee on a quarterly basis and provide a quick overview of the CIP progress as has been done for the Environmental Quality and Sewerage Services Committee. The presentations will be focused on water quality and services programs and projects. The report Ms. Maldonado presented can be found on the website and will be available to the Committee quarterly.

Mr. Hawkins reported that there was an article done by a media outlet called Inside Source and the publisher tweeted out that the District's current drinking water was at risk and that the people should not drink the water. He stated that they could not let this stand and have been talking with the Mayor's Office and responding to reporters and others who know this to be untrue and have defended D.C. Water. Mr. Hawkins indicated that it seems to have died down but if you read the article, it does not say what the publisher's tweet said. The tweet is about what happened ten years ago and not about current conditions, but it portrayed it as current risks to drinking water. Mr. Hawkins said that D.C. Water is regularly challenged in how it does its work which is fine but the media should also be challenged.

## **VII. Small Diameter Water Main Program Update**

Ms. Maldonado introduced Deidre Saunders, Manager of the Construction Branch, and William Ellis, Head of the Design Branch, who assisted in answering questions. Ms. Maldonado provided background on the Small Diameter Water Main Program and two change orders which were before the Board for approval. The materials outlining the program and its status are available on the website.

The presentation by Ms. Maldonado included a summary of what has been learned during the last five-year period when there have been challenges in terms of the accuracy of quantity takeoffs in five specific areas of work—unknowns in the field where estimates are made during the design phases of the projects and they provide unit price allowances for bid items with the estimate quantities they think will be encountered in the field. The five specific areas of work are related to the replacement of copper pipes, amount of asphalt mill and overlay work that must be done, trench fill asphalt, and concrete base. They have had some challenges getting the estimates accurately enough so that when projects are bid, they have sufficient allowances for these unit price items in the contracts to cover the work that must be done. The website materials show the variables they are faced with. The estimates have not been as good as they should have been and they are taking steps to get better information from the field to allow them to put together sufficient allowances for all the items in the contracts. The challenges relate to

how much field data is available to make the estimates accurately and they found that their engineers were being overly optimistic in terms of what they thought would be required in the field rather than being conservative in those assumptions. Ms. Maldonado said that they are making corrections in their internal review processes. D.C. Water's internal engineering is responsible for verifying that independent costs estimates prepared by contractors are accurate and that there are sufficient allowances for all unit items.

In terms of what they can do better and what D.C. Water can control, Ms. Maldonado stated that the first item is to work with the District Department of Transportation (DDOT) to establish the requirements and standards and make sure everyone understands them. They should get some agreement with DDOT on how the standards will be implemented in the field. Then they can train and educate the staff in D.C. Water and DDOT can do the same with their inspectors. The problem now is that the published requirements and standards are very vague and there is a lot of room for interpretation, resulting in DDOT inspectors often enforcing standards that have not been promulgated through the regulatory process. They have decided to take DDOT a draft of standards and let them react to them.

Ms. Maldonado stated that they have done a lot of self-assessment internally and they know they need to do more work controlling quality reviews. They need to account for significant surface restorations and make assumptions that are more conservative. They need to do field walks that are jointly conducted between DDOT's inspectors and D.C. Water's inspectors so that they understand the requirements in the field. There will be more agreement when General Manager Hawkins meets with DDOT's director and top leaders.

Ms. Maldonado reviewed the change orders up for approval by the Board so that the Committee understood the justification for the additional work and costs and could make a recommendation to the Board. Mr. Curry said that he was concerned about the team that planned to work with DDOT to agree on the requirements and standards. Ms. Maldonado stated that they have met with DDOT staff on lower levels and it was decided to elevate it to the top leaders of the two agencies. They will get a memorandum of understanding including all of the details and agreements. Mr. Curry wants the issues to be seriously elevated so that the leaders who can make the changes will place this as a priority. After much discussion by the Committee members, it was agreed that the change orders will be recommended for approval. The increases are quite large but they feel that the projects should be moved along to completion.

Mr. Kiely explained the other three contracts up for approval and after discussion, the Committee agreed to recommend them to the Board.

With no other business up for discussion, Mr. Gibbs adjourned the meeting.



**DISTRICT OF COLUMBIA  
WATER AND SEWER AUTHORITY**

**Board of Directors**

*Finance and Budget Committee*

*Thursday, March 24, 2016*

*11:00 a.m.*

**MEETING MINUTES**

**Committee Members via (Conference Call)**

Timothy L. Firestine, Committee Chairperson  
Sarah Motsch

**Other Attendee**

Brian McClure for Ana Harvey

**DC Water Staff**

George Hawkins, CEO/General Manager  
Gail Alexander-Reeves, Director, Budget  
Robert Hunt, Director, Finance  
John Madrid, Controller  
Henderson Brown, General Counsel  
Meena Gowda, Principal Counsel  
Linda R. Manley, Secretary to the Board

**Call to Order**

Chairperson Timothy L. Firestine called the meeting to order at 11:02 a.m. via teleconference.

**February 2016 Financial Report**

Ms. Gail Alexander-Reeves, Budget Director, reported that with 42 percent of the fiscal year completed, financials are on track with budgetary expectations and targeted performance metrics. Total revenues are at \$253.7 million or 44 percent of budget, operating expenses at \$188.7 million or 35 percent of budget and capital disbursements at \$239.9 million or 44 percent of budget in the respective categories. Year-end projections will be presented to the Committee at the meeting in May.

DC Water's credit rating has been upgraded by Standard & Poor's Ratings Services from AA+ to AAA. External auditors completed the Financial Statement Audit and A-133 Single Audit, with "clean opinion" rendered on both items. Presentations on both audits were made to the Audit Committee on February 25, 2016. The DayForce System Implementation (Phase II) is underway for the centralization of all employee payroll, benefits and recruitment data.

Mr. George Hawkins, CEO/General Manager, spoke to the Combined Heat and Power (CHP) turbine shutdown that occurred as of February 29, 2016. Remediation has and will continue to be reviewed in detail with the Environmental Quality & Sewerage Services Committee.

Mr. Robert Hunt, Finance Director, reviewed the cash balances in the various operating and reserve accounts of the Authority. As of February 29, 2016, the operating cash balance totaled \$211.2 million and the debt reserve, construction funds and CSO grants totaled \$343.7 million.

The total cash for all funds was \$554.9 million. The investment portfolio is properly diversified and in compliance with the Authority's Investment Policy. The overall yield-to-maturity on cost of the portfolio is 0.61%.

Mr. Hunt also mentioned that members of Finance, Accounting and Budget as well DC Water's financial advisors met with Moody's Ratings Agency the previous week to review the methodology used to calculate numbers in our offering statement, comprehensive annual financial report (CAFR), and various presentations. The group also attended the annual Investors Conference, held by JP Morgan during the same week.

### **Merchant Credit Card Service Contract**

Mr. Hunt reported that DC Water has offered retail rate customers the option to pay bill by credit/debit card since 2002. The current vendor is Bank of America (BofA) and the contract expires in June 2016. About 21,000 transactions are processed each month at a rate of \$1.95/transaction, which DC Water absorbs.

The credit card program is linked to the current Customer Information System (CIS). As DC Water is currently procuring a new CIS, Mr. Hunt recommends extending the existing credit card processing contract with BofA to May 31, 2018 and proceed with an RFP after the new CIS is implemented. The new CIS system is anticipated to have more functionality to accommodate new vendors and processes.

Chairperson Firestine inquired on the competitiveness of BofA's pricing. Mr. Hunt replied that it is competitive, and he has verified this with DC Water's financial advisors.

### **Action Item (1)**

The Committee recommended the Merchant Credit/Debit Card Process Contract Extension for the Board's consideration.

### **Executive Session**

The Committee moved into Executive Session at 11:29 a.m., and reconvened into open session at 11:55 a.m.

### **Action Item (2)**

The Committee recommended the Environmental Legal Services Contract for Board approval.

### **Adjournment**

Hearing no further business Chairperson Firestine adjourned the meeting at 12:05 p.m.

### **Follow-up Items**

1. Report cost of CHP turbine shutdown (electricity generation and equipment) to May's Finance & Budget Committee meeting (**Mr. Hawkins**)



ANAGER'S  
2016

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**Interpretation of Charts ..... A**

**Color Key**

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

## Message from the CEO/GM

I hope everyone is enjoying the onset of Spring, cherry blossoms, and all the people that come to our fair city to enjoy both. I start my day even earlier than usual to avoid the crowds but still enjoy passing by the blossoms in the dark!

### General Counsel

I am most pleased to announce that in March we have been joined, or should I say rejoined, by Henderson J. Brown, IV – our once and future General Counsel. After an exhaustive national search that included a host of excellent candidates, Mr. Brown was selected as the best of the final candidates by the unanimous review of the selection Committee (made up of Leonard Benson, Mustafa Dozier, Biju George, Rosalind Inge and Mark Kim), and in a separate set of interviews conducted by me of the four finalists – all of whom, I must say, interviewed with distinction. Mr. Brown also met with Board Chair Matt Brown prior to our giving him an offer, to be sure that his experience and approach was consistent with Board priorities – and recognizing the key role the General Counsel has providing counsel directly to the Board. As most of you know, the GC is one of the few Senior Executives (along with Linda Manley) who has a dotted line reporting relationship to the Board, along with his duties as part of the Executive Team reporting to me. As I write this report, Henderson is deep into only his second week – but his influence, steady hand, substantive knowledge and warm demeanor is already a palpable and very positive addition to the enterprise. Randy Hayman is a very hard act to follow and served DC Water and the Board beautifully. We are fortunate, in my estimation, to have met the challenge of maintaining and building on that history of service in persuading Mr. Brown to come back to us.

And yes, I do mean “come back to us!” Mr. Brown has an almost unique employment and personal history that makes him so suited for the position. On the personal side, he was born and raised in the District, graduated from Eastern High School, and earned his Juris Doctorate from the Georgetown University Law Center after attending college at Amherst. He has deep roots in our community. On the professional side, Mr. Brown has held positions with the Washington Suburban Sanitary Commission (WSSC), the Attorney General’s Office in Maryland, the County Council in Prince George’s County and several private law firms. And most relevant for us, Mr. Brown served as the first full time General Counsel for DC WASA “back in the day” from 1998-2004, and although was not the first GC for DC WASA, was the first to establish the office and set the standards for the practice. He is well versed in our history, our evolution, understands the political landscape and stakeholder issues, and has deep knowledge on the issues that are important to a utility. He left DC WASA in 2004 to become a Senior Counsel for Tyson’s Foods – where he gained additional experience with the laws that govern the launching and selling of products on the market (an issue we are exploring) and with the need to manage legal costs and the work done by lawyers on staff and from outside firms. In many respects, Mr. Brown’s resume seemed written by a search firm trying to invent the perfect background for a respected and experienced General Counsel of a water utility. We are incredibly fortunate to have Mr. Brown back with us.

And for me, and the rest of the panel, we were perhaps most impressed by his warmth, kindness and interpersonal skills. I am confident that the Board will see these skills in the meetings to come – and I hugely look forward to all of us interacting with him at our side for many years to come.

## Message from the CEO/GM

### Shorts

- **Pepco/Exelon.** In a surprise move, the DC Public Service Commission approved the merger between Pepco Holdings and Exelon. We believe that the commitment for \$2 million dollars to support our Green Infrastructure effort is part of the final approval, and will shortly be working with the District Department of Energy and the Environment on a suitable MOU governing what we plan to do on that score. More to come...
- **Headquarters, or as we affectionately know it, HQO.** Our plans for a new headquarters on the banks of the Anacostia continues to move forward with approvals from the Zoning Board, National Capital Planning Commission, and most recently, the US Commission of Fine Arts. There are still many complexities to unravel in our effort to build this building in the context of the District's plans to support private development on land we currently have a possessory interest at the Main and O campus, but at least the regulatory approvals that we need are now in hand and we are moving forward. I congratulate the intrepid and determined work of Maureen Holman and Conn Schwartz, guided and/or supported in large measure by Len Benson and Gregory Hope, as well as the tremendous team we have assembled on the project. We will report more as the contract for the building moves its way toward Board review.
- **White House.** The White House has determined that innovation in the water sector is a priority for the remainder of this Administration and the country (what took them so long?), and held a major forum at the White House on March 23 – World Water Day. I was in attendance on behalf of DC Water, and several of our initiatives were highlighted in the accompanying press release from the White House. We were featured later that day in a forum hosted by the US Water Partnership for an audience from around the world – and highlighted again as a role model for how a water utility can embrace change and drive innovation. We realize we are only as good as our NEXT game, but are grateful for the recognition nonetheless!

### External Affairs

*Website:* Session totals for the period of February 16 through March 15, 2015  
 Total Sessions: 83,334  
 New Sessions: 46,300

#### *Government Relations*

DC Water responded to a February 22, 2016 letter from Congresswoman Eleanor Holmes Norton inquiring about the status of lead in tap water in the District of Columbia. The letter was also addressed to the Army Corps of Engineers. DC Water's response summarized our current lead testing protocols and our outreach efforts related to removing sources of lead on public and private property. The Congresswoman was satisfied with the letter and published a press release highlighting key information. The release can be found on her website [here](#).

On March 1, 2016 Councilmember Mary Cheh introduced the Renewable Portfolio Standard Expansion Act of 2016. As introduced, the legislation would add waste heat from sewage to the list of Tier 1 renewable sources in the District of Columbia. If the bill becomes law, projects that incorporate this renewable energy source will qualify for tax credits. Adding this provision has



## Message from the CEO/GM

been a priority for DC Water's innovation program. A hearing has not been scheduled for the bill at this time.

### *Media Relations*

With Flint's lead crisis front and center, the media requests are pouring in for the DC perspective, basically what did our recovery look like and how we are ensuring safety today. OEA has fielded more than 35 interview requests in just the last month, from the NBC affiliate in Mid-Michigan to Bloomberg to the Diane Rehm Show.

Other topics that generated media inquiries were the chlorine switch (we did two broadcast interviews), PEPCO-Exelon merger, water meter calibration issue in one neighborhood, green infrastructure, sewer heat exchange and many other topics.

Press releases issued:

3/3: [DC Water Statement on Revised Pepco-Exelon Merger Settlement Agreement](#)

3/2: [Spring cleaning for region's drinking water pipes begins March 7;](#)

2/26: [DC Water Warns Customers about Possible Phone Scam](#)

2/24: [DC Water Earns Historic AAA Credit Rating from Standard and Poor's](#)

### *Media Coverage:*

- Governing Magazine: As Water Utilities Move Online, Hackers Take Note  
<http://www.governing.com/columns/tech-talk/gov-water-utilities-cybersecurity-hackers.html>
- PR Newswire: DC Water Partners with Taoti Creative for Website Redesign  
[http://www.prnewswire.com/news-releases/dc-water-partners-with-taoti-creative-for-website-redesign-300222105.html?tc=eml\\_cleartime](http://www.prnewswire.com/news-releases/dc-water-partners-with-taoti-creative-for-website-redesign-300222105.html?tc=eml_cleartime)
- The Diane Rehm Show: Beyond Flint: The Safety Of America's Tap Water (click link to listen to podcast)  
<https://thedianerehmshow.org/shows/2016-02-17/beyond-flint-the-safety-of-americas-tap-water>
- Water Online: Pipeline Replacement Reality Check  
<http://www.wateronline.com/doc/pipeline-replacement-reality-check-0001>
- DCWATER.COM: DC Water Earns Historic AAA Credit Rating from Standard and Poor's  
[https://www.dewater.com/news/listings/press\\_release759.cfm](https://www.dewater.com/news/listings/press_release759.cfm)
- Waterworld: WASHINGTON, D.C. DIVERSION SEWER NAMED IN NATIONAL ENGINEERING COMPETITION  
<http://www.waterworld.com/articles/2016/02/washington-d-c-diversion-sewer-named-in-national-engineering-competition.html>
- The Current: DC Water preparing to unveil runoff proposals  
<http://www.currentnewspapers.com/admin/uploadfiles/GT%2002-24-2016.pdf>
- McGuire Woods: EPA and Municipalities Respond to Increased Concerns About Lead in Drinking Water

## Message from the CEO/GM

<https://news.mcguirewoods.net/15/175/march-2016/epa-and-municipalities-respond-to-increased-concerns-about-lead-in-drinking-water---internal.asp?sid=dc259049-0f92-4779-9de4-c20800f00df5>

- Biz Journals: Big trouble for proposed multiplex at The Yards? Site 'may be in limbo for many years'  
[http://www.bizjournals.com/washington/breaking\\_ground/2016/03/big-trouble-for-proposed-multiplex-at-the-yards.html](http://www.bizjournals.com/washington/breaking_ground/2016/03/big-trouble-for-proposed-multiplex-at-the-yards.html)

### *Meetings/Presentations/Events*

- DC Water attended the monthly meeting of ANC 5C to provide a presentation on two of its upcoming construction projects-Small Diameter Water Main Replacement Project and East Side Interceptor Rehabilitation Project.
- Once again this year, DC Water supported the DC One Fund Closing Ceremony by providing two coolers filled with refreshing, iced tap water to keep attendees hydrated.
- DC Water attended the monthly meeting of ANC 5B to provide a presentation on one of its upcoming construction projects for that area-Small Diameter Water Main Replacement Project.
- As part of its Environmental Education program, DC Water has formed a new partnership with DC Public Schools, appropriately titled “Water Education Series with DCPL.” Under this Agreement, DC Water has signed on to provide a series of environmental lessons to students at the William O. Lockridge/Bellevue Neighborhood Library in Ward 8 after school (4:30pm-5:30pm) each Thursday, from February 25 through March 24. The first week’s lesson covered “The value of drinking water”. During this lesson, students examined the source of the District’s drinking water, explored the water distribution system and also discussed the benefits of having access to safe, reliable water.
- As part of ongoing outreach efforts in support of its Green Infrastructure program, DC Water held a community meeting with ANC 2E, Georgetown BID and other Georgetown and Burleith neighborhood stakeholders to provide updates on proposed locations of GI implementation throughout the area.
- DC Water attended the monthly meeting of ANC 2E to provide updates on its ongoing and upcoming construction projects in the Georgetown/Burleith neighborhoods.
- In support of its local Small Diameter Water Main Replacement Project on Prospect Street NW in the Georgetown community, DC Water met with Georgetown University representatives to discuss project updates.
- DC Water attended the monthly meeting of ANC 6E to provide a presentation on one of its upcoming construction projects-Local Sewer Rehabilitation Project.
- Week two of the “Water Education Series with DCPL” covered “The ABC’s of Water Conservation”. During this lesson, students explored how water is used in our communities, the amount of water people use each day, and the benefits of having access to safe, clean water. Additionally, students discussed simple water-saving techniques to help conserve water.

## Message from the CEO/GM

- DC Water attended the monthly meeting of ANC 1B to provide a presentation on one of its upcoming construction projects-Local Sewers Rehabilitation and Repair-Phase II.
- As part of its Environmental Education program, DC Water provided an environmental lesson to students on the wastewater treatment process at Capitol Hill Day School.
- DC Water provided an environmental lesson on the value of safe drinking water at Bridges Public Charter School.
- DC Water attended the monthly meeting of ANC 2B to provide a presentation on one of its upcoming construction projects-Small Local Sewer Main Cleaning and Lining Project.
- Week three of the “Water Education Series with DCPL”, covered “Be kind to your water”. During this lesson, students examined the cause and effects of water pollution. Students also discussed ways to prevent littering and DC Water’s role in keeping our local waterways clean.
- DC Water held a public scoping meeting for its Pinehurst, Sherrill and Fenwick Sewer Rehabilitation Project. During the meeting, DC Water shared with the community potential alternatives for design of the project, which is currently in conceptual phase.
- DC Water attended the monthly meeting of ANC 5E to provide updates on its Northeast Boundary Tunnel Project.
- DC Water provided a sewer science lesson at Wilson Senior High School.

### *Customer Newsletter*

The March issue of What’s on Tap featured a cover story inspired by the events in Flint, Michigan entitled, “What you need to know about lead in drinking water.” The GM message also addressed the national spotlight on Flint and lead. Additional articles included a Fix-a-Leak Week story, the PI cleaning near the Kennedy Center, a brief reminder about the chlorine switch (covered in-depth in February) and a teaser that the Town Hall meetings are coming.

### *Tours*

- 8 guests from Optoro, Inc. (Software Company)
- 15 students from National Cathedral School
- 8 guests from Calvert County DPW Water and Sewerage
- 25 engineers from American Society of Civil Engineers
- 16 students from National Cathedral School Environmental Science class
- 10 guests from Cabo Verde
- 25 University of Maryland students
- 18 attendees from WRF/WERF Innovation Workshop
- 23 Georgetown University students
- 25 Catholic University students

## Message from the CEO/GM

### *Social Media*

<b>Twitter</b>	2/16 - 3/15	Fiscal Year to date total 10/15 – 3/16
New Followers	345	1,428
Total Followers	12,475	
Mentions	810	3,533
Retweets	485	1,743
Favorites	937	3,072
<b>Facebook</b>		
New Fans	53	270
Total Fans	2,153	
Impressions	61,037	371,906
Users	29,463	169,767
Interactions	624	4,572
<b>Instagram</b>		
New Followers	27	145
Followers	572	
Likes	120	1,698
Comments	10	85

## ORGANIZATIONAL PERFORMANCE DASHBOARD (FEBRUARY, 2016)

### Financial Highlights

<p>Net Operating Cash</p> <p>Actual <b>50634</b></p> <p>Target <b>31230</b></p> <p>( \$ tho )</p>	<p>Operating Revenues</p> <p>Actual <b>254</b></p> <p>Target <b>242</b></p> <p>( \$ mil )</p>	<p>Operating Expenses</p> <p>Actual <b>189</b></p> <p>Target <b>226</b></p> <p>( \$ mil )</p>	<p>Capital Disbursements</p> <p>Actual <b>240</b></p> <p>Target <b>248</b></p> <p>( \$ mil )</p>
<p>Operating Cash Balance</p> <p>Actual <b>152</b></p> <p>Target <b>126</b></p> <p>( \$ mil )</p>	<p>Delinquent Account Receivables</p> <p>Actual <b>2</b></p> <p>Target <b>3</b></p> <p>( % )</p>	<p>Core Investments Yield</p> <p>Actual <b>1.01</b></p> <p>Target <b>0.78</b></p> <p>( % )</p>	<p>Short Term Investment Yield</p> <p>Actual <b>0.51</b></p> <p>Target <b>0.28</b></p> <p>( % )</p>

### Customer Care and Operations Highlights

<p>Call Center Performance</p> <p>Feb <b>85</b></p> <p>85 ( % of calls rec )</p>	<p>Command Center Performance</p> <p>Feb <b>91</b></p> <p>85 ( % of calls rec )</p>	<p>First Call Resolution</p> <p>Feb <b>83</b></p> <p>75 ( % of calls rec )</p>	<p>Emergency Response Time</p> <p>Feb <b>100</b></p> <p>90 ( % of calls rec )</p>
<p>Fire Hydrants out of Service</p> <p>Feb <b>49</b></p> <p>96 ( count )</p>	<p>Fire Hydrant Insp. and Maint.</p> <p><b>856</b></p> <p>( count )</p>	<p>Fire Hydrants Replaced</p> <p>Feb <b>27</b></p> <p>250 ( YTD count )</p>	<p>Permit Processing within SLA</p> <p><b>89</b></p> <p>( % )</p>

### Low Income Assistance Program

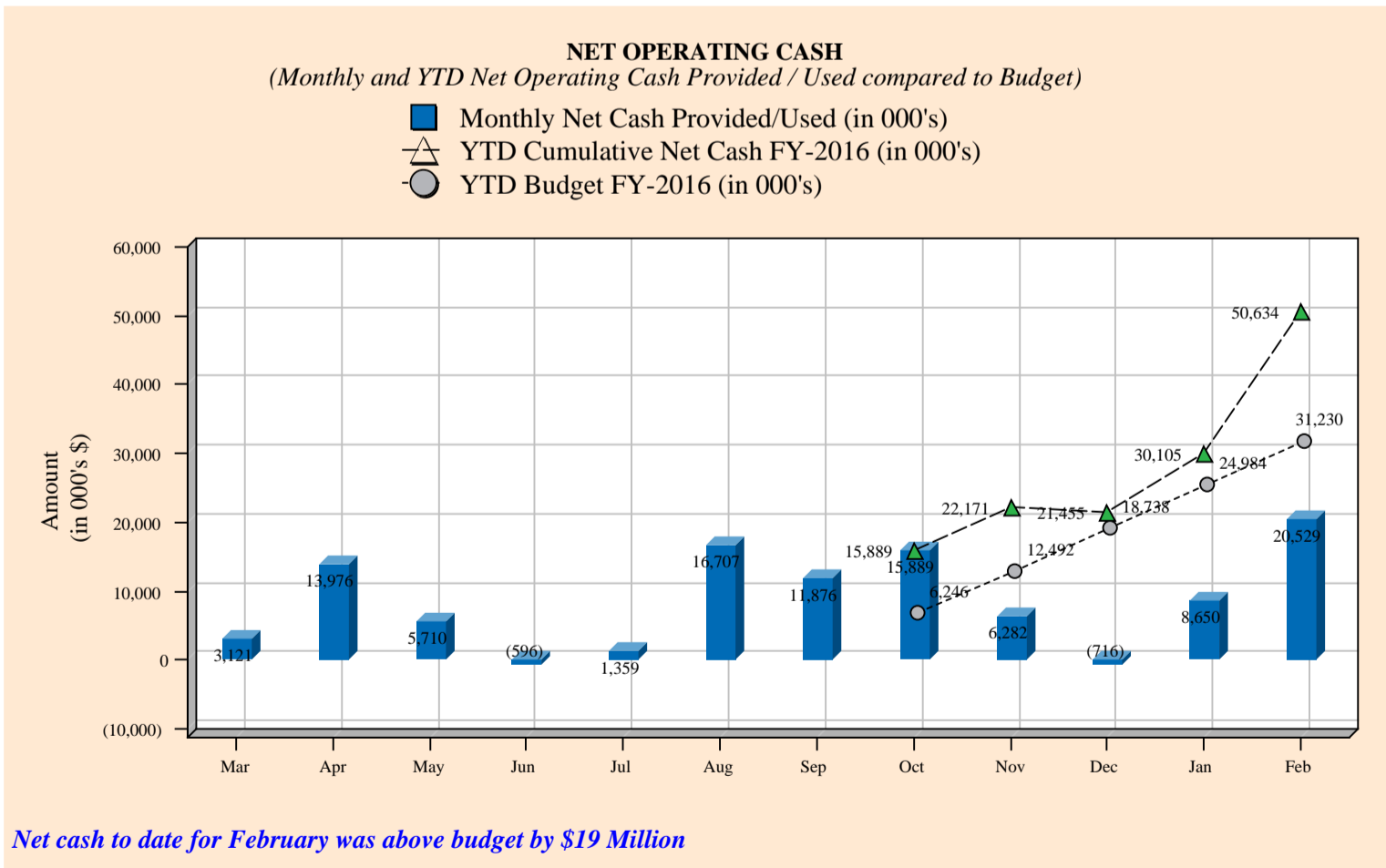
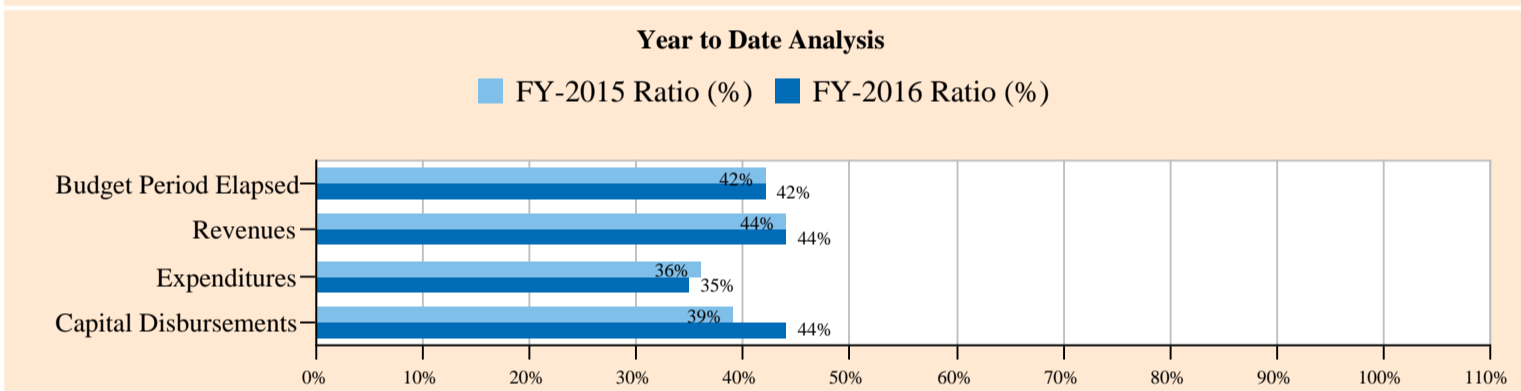
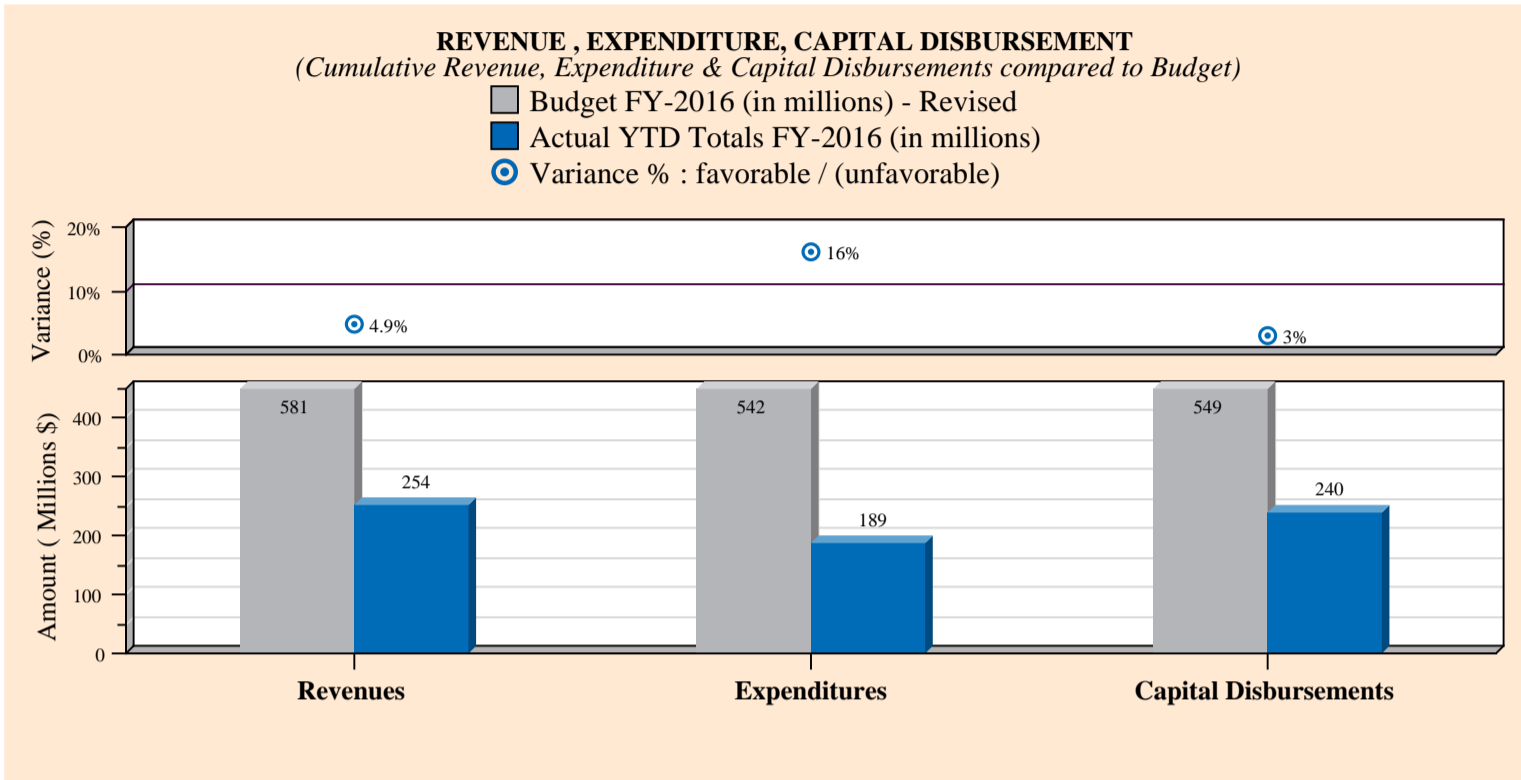
<p>Splash Contributions</p> <p>Actual <b>43</b></p> <p>Target <b>33</b></p> <p>( \$ tho )</p>	<p>Customer Assistance Program</p> <p>Previous <b>108</b></p> <p>Current <b>61</b></p> <p>( \$ tho )</p>
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### Operational Highlights

<p>Lead Concentration</p> <p>( ppb )</p>	<p>Total Coliform Rule</p> <p>( % )</p>	<p>Biosolids Production</p> <p><b>390</b></p> <p>( wet tons )</p>	<p>Total Nitrogen</p> <p>( lbs/yr mil )</p>
<p>Plant Effluent Flow</p> <p>( gal mil )</p>	<p>Excess Flow</p> <p><b>163</b></p> <p>( gal mil )</p>	<p>Water Main Leaks</p> <p><b>45</b></p> <p>( count )</p>	<p>Water Valve Leaks</p> <p><b>4</b></p> <p>( count )</p>
<p>Non-Revenue Water</p> <p>Sold <b>9</b></p> <p>Purchased <b>11</b></p> <p>( CCF mil )</p>	<p>Sewer Main Backups</p> <p><b>7</b></p> <p>( count )</p>	<p>Sewer Lateral Backups</p> <p><b>202</b></p> <p>( count )</p>	<p>Dry Weather CSO</p> <p><b>0</b></p> <p>( events )</p>
<p>Recruitment Activity</p> <p>Filled <b>9</b></p> <p>Open <b>53</b></p> <p>( count )</p>	<p>Electricity Usage</p> <p><b>16729</b></p> <p>( MWh )</p>	<p>Employee Lost Time Accidents</p> <p><b>9</b></p> <p>( count )</p>	<p>Vendor Payments</p> <p>Actual <b>98</b></p> <p>Target <b>97</b></p> <p>( % )</p>

**FINANCIAL HIGHLIGHTS**

**FINANCIAL PERFORMANCE SUMMARY**



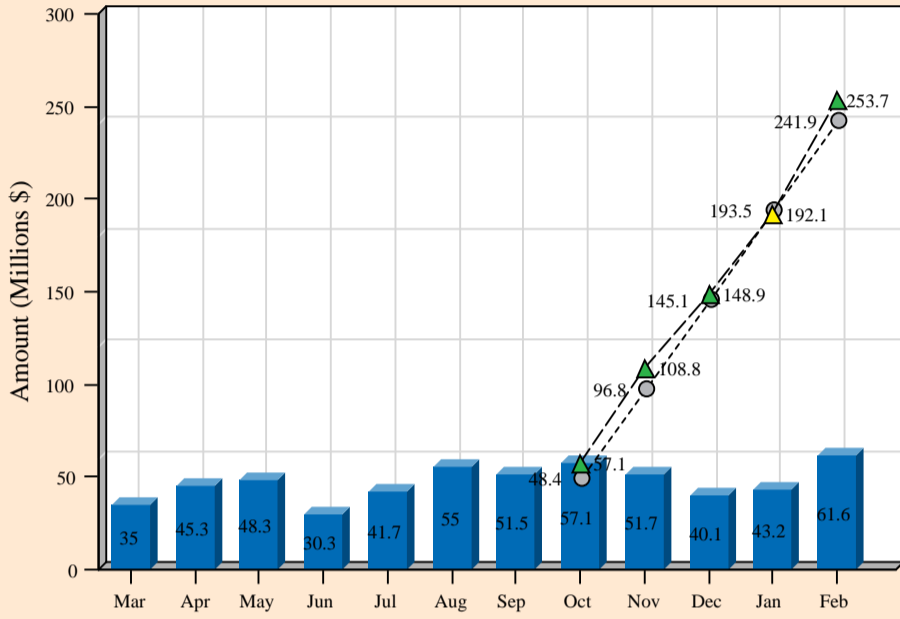
## FINANCIAL HIGHLIGHTS

### REVENUES AND OPERATING EXPENSES

#### OPERATING REVENUES

*Monthly & Cumulative Revenue compared to YTD Budget*

- Actual Monthly Revenue
- ▲ YTD Cumulative Revenue FY-2016
- YTD Cumulative Budget FY-2016

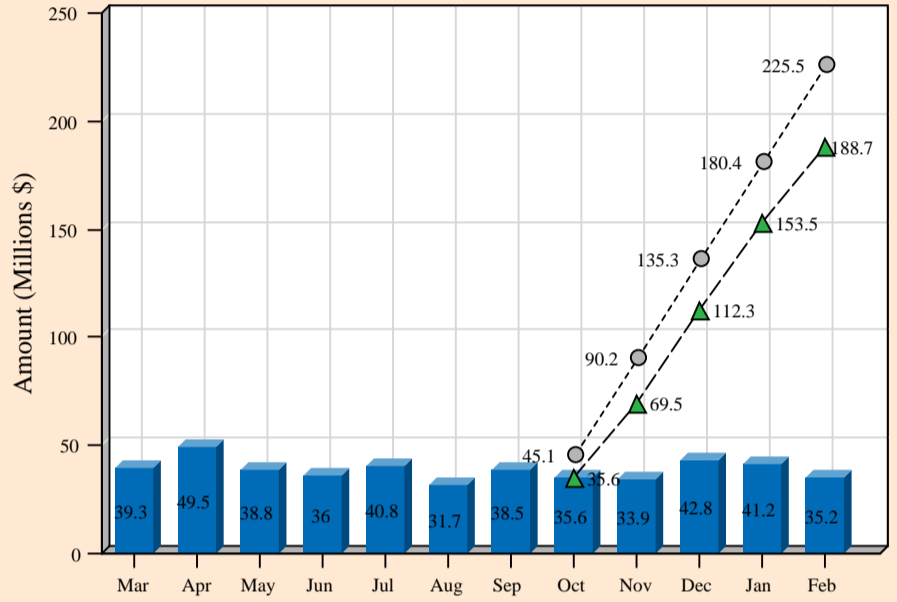


*Revenue to date for February was above budget by \$12 Million*

#### OPERATING EXPENSES

*Monthly & Cumulative Expenditure compared to YTD Budget*

- Actual Monthly Expenses
- ▲ YTD Cumulative Expenditure FY-2016
- YTD Cumulative Budget FY-2016



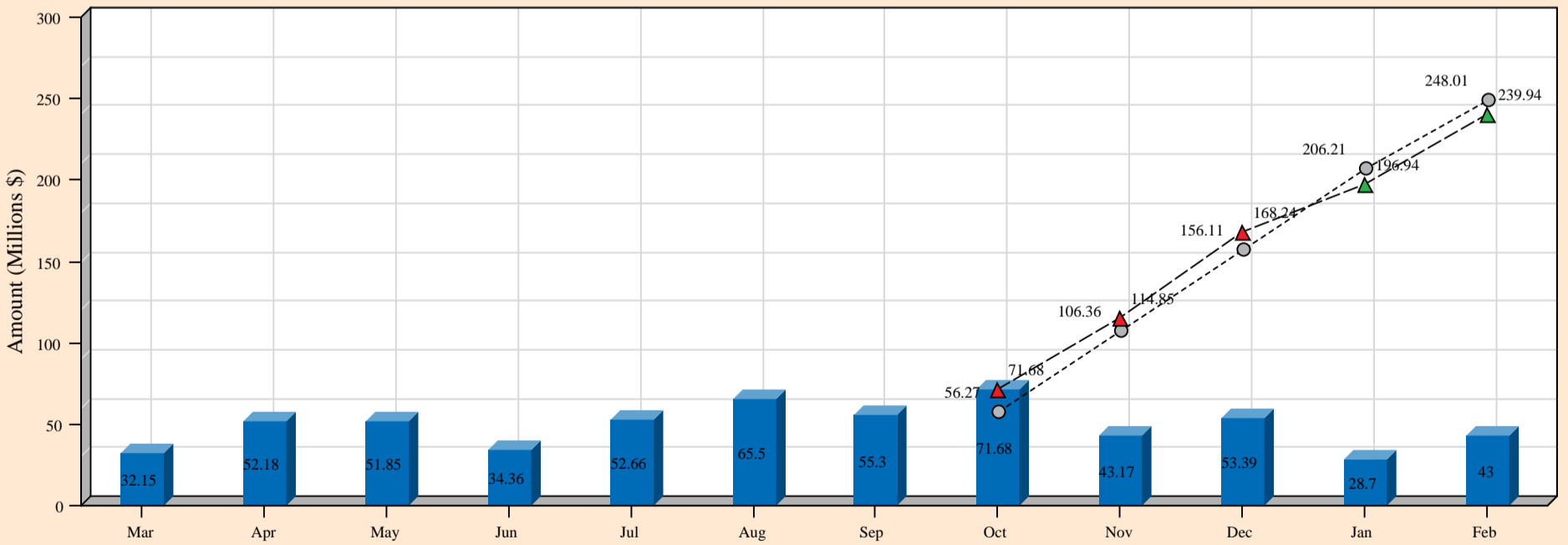
*Expenditure to date for February was below budget by \$37 Million*

### CAPITAL SPENDING

#### CAPITAL DISBURSEMENTS

*Monthly & Cumulative Disbursements compared to YTD Budget*

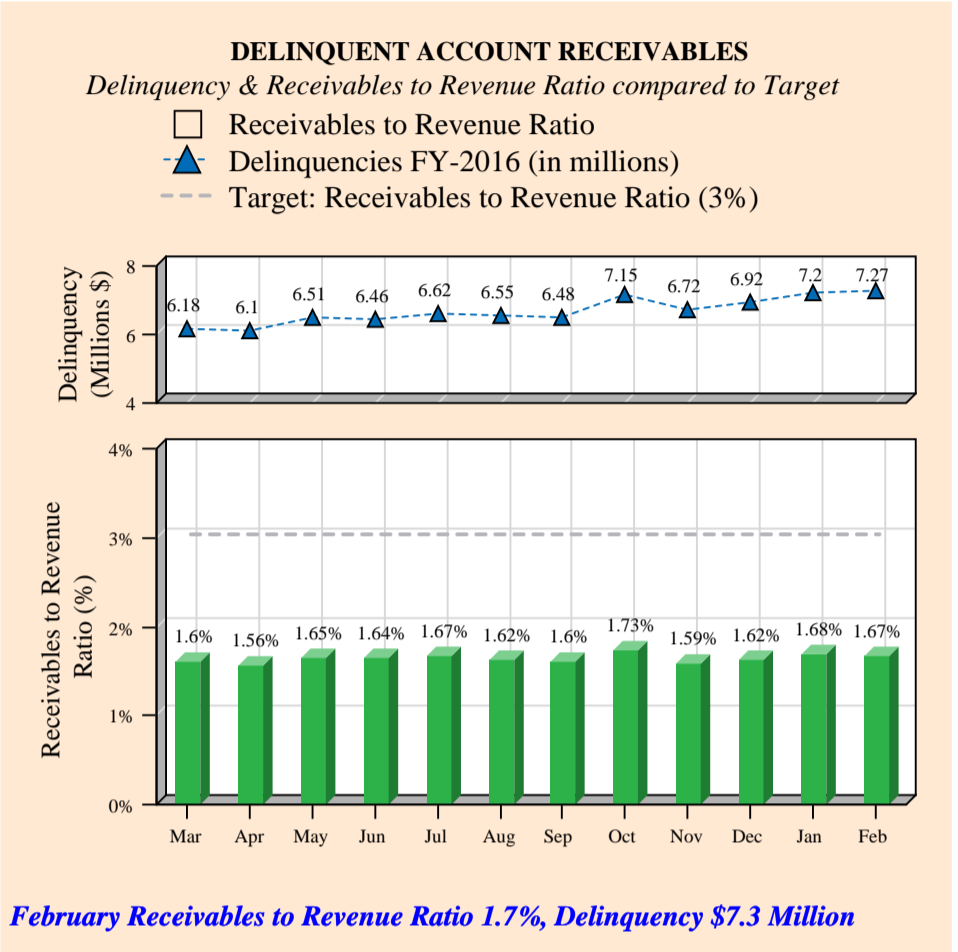
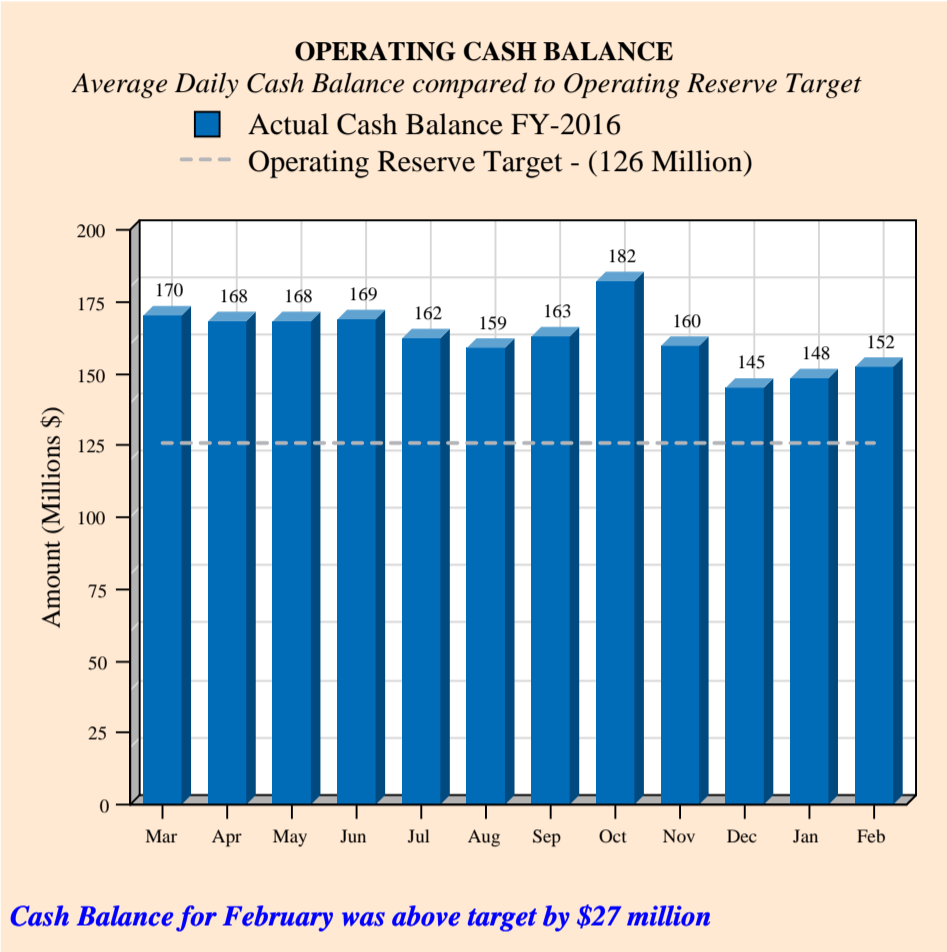
- Actual Monthly Disbursements
- ▲ YTD Cumulative Disbursements FY-2016
- YTD Cumulative Budget FY-2016



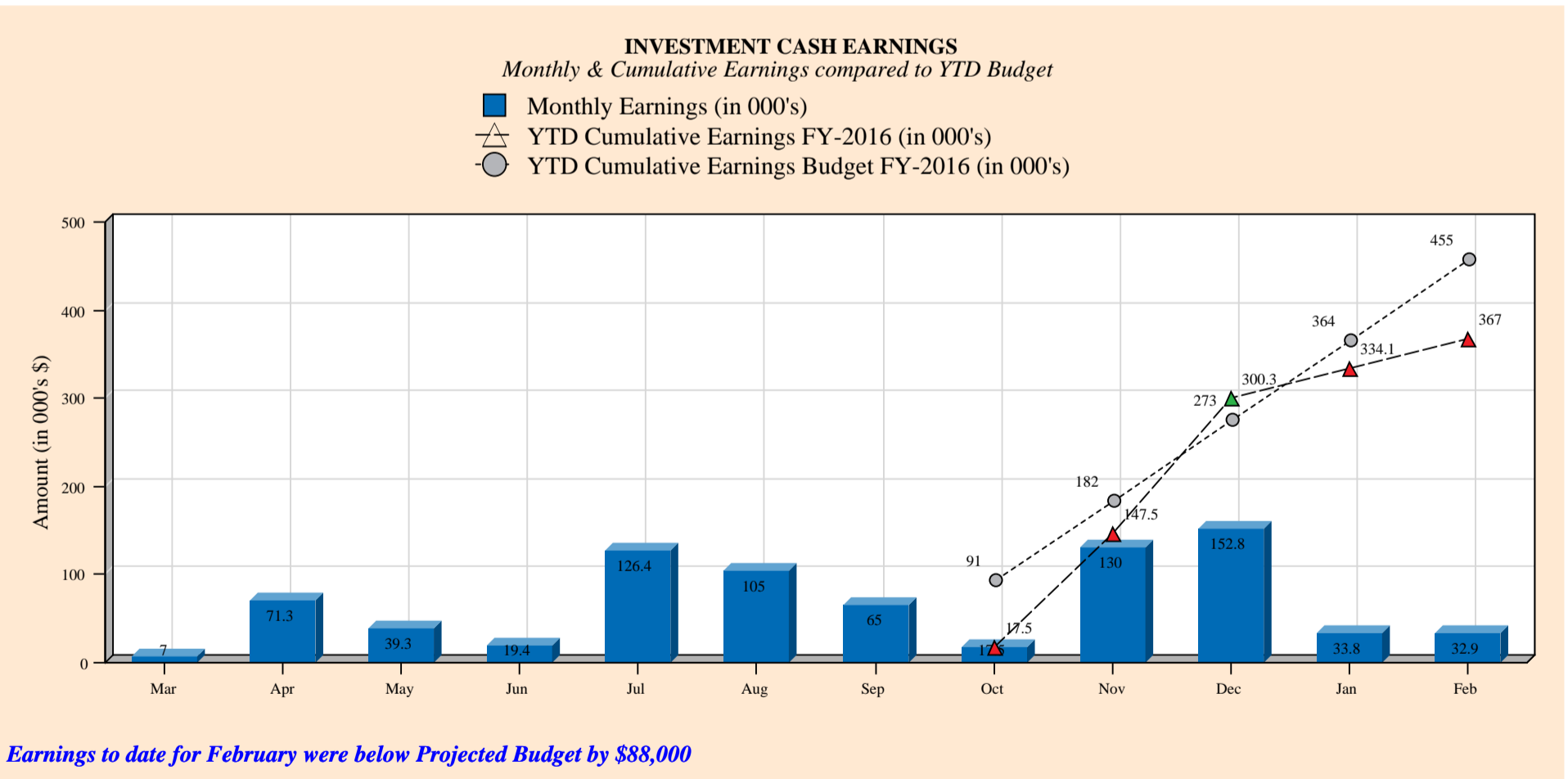
*Disbursements to date for February were below budget by \$8 Million*

## FINANCIAL HIGHLIGHTS

### OPERATING CASH AND RECEIVABLES



### INVESTMENT EARNINGS





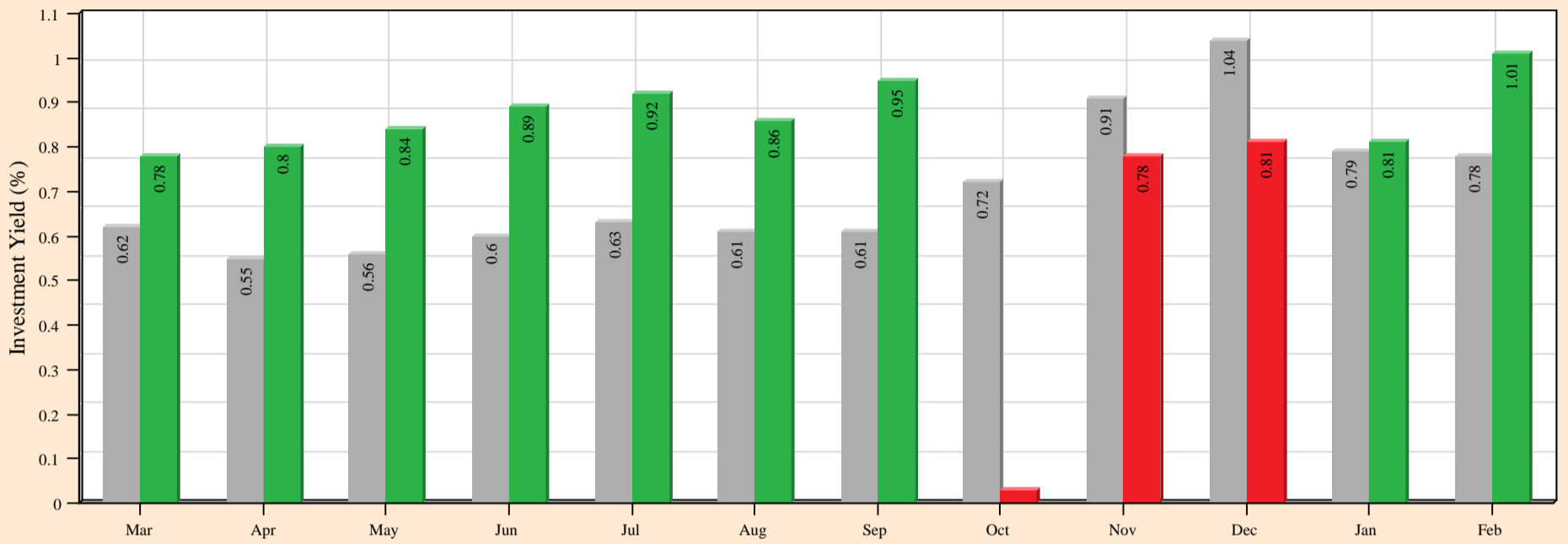
## FINANCIAL HIGHLIGHTS

### INVESTMENT YIELD

#### CORE INVESTMENTS YIELD

*Monthly Yield compared to Merrill Lynch Benchmark*

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

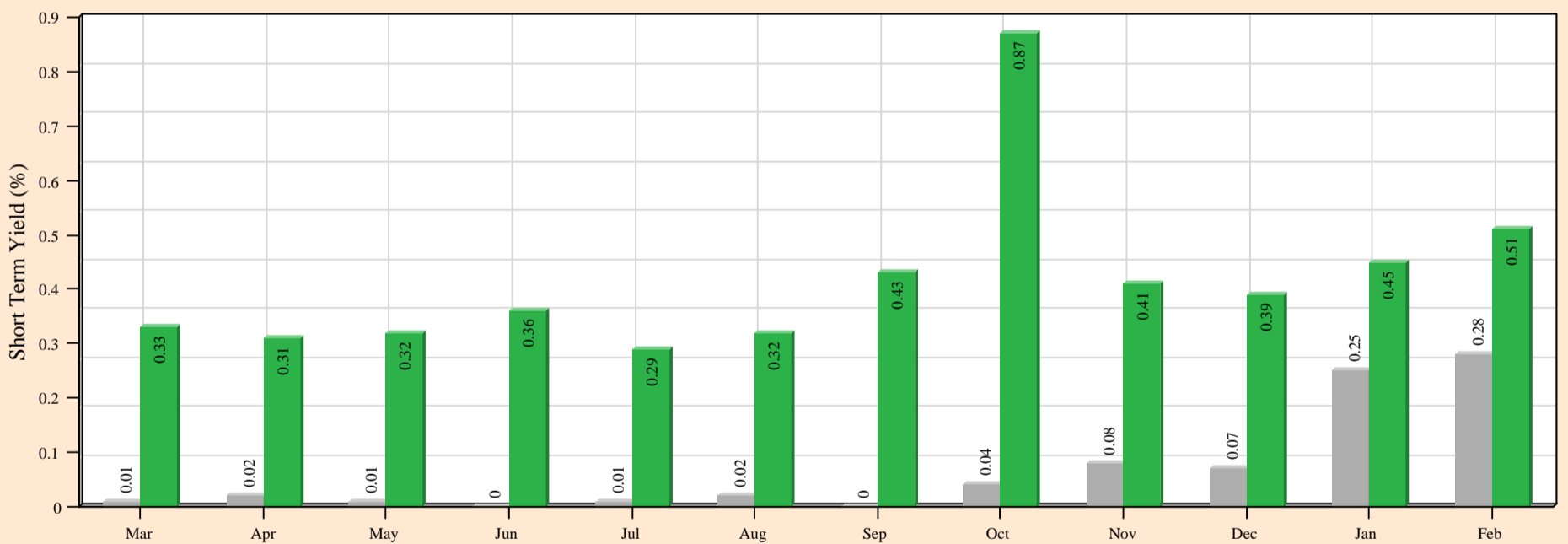


*Yield for February was higher than the treasury index by 0.23%*

#### SHORT TERM INVESTMENT YIELD

*Short Term Yield compared to Merrill Lynch Benchmark*

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



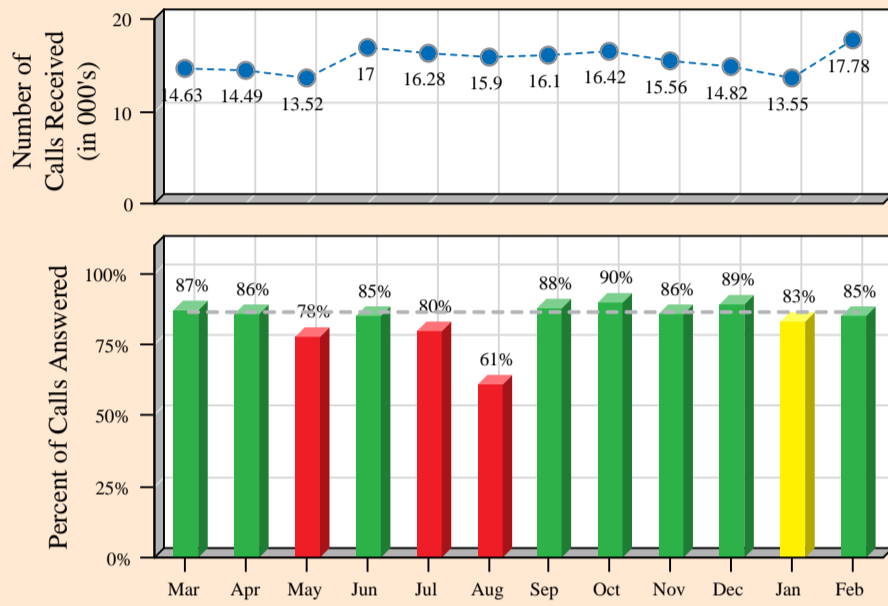
*Short Term Yield for February was higher than the Merill Lynch yield by 0.23%*

## CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

### CUSTOMER SERVICE

**CALL CENTER PERFORMANCE**  
Calls Answered within 40 Seconds compared to Target

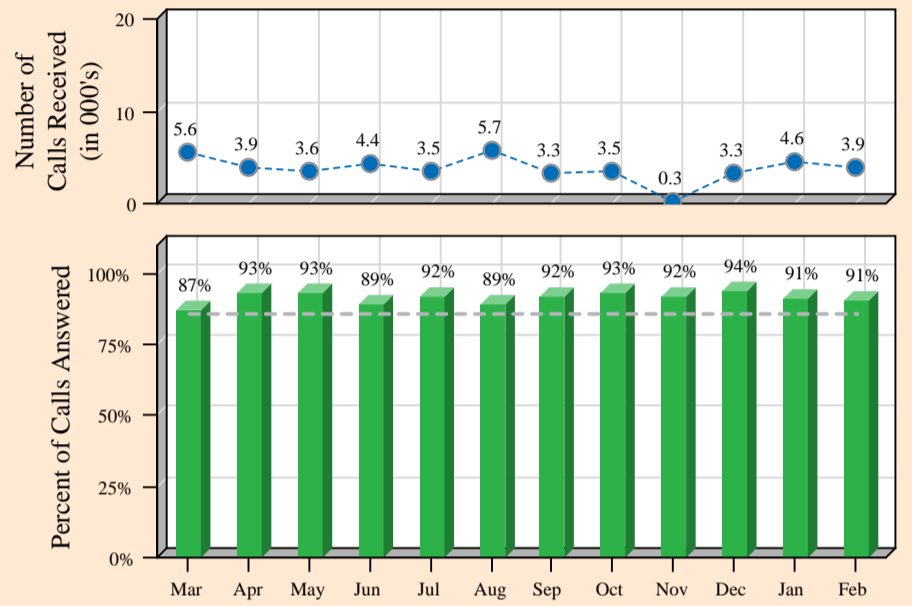
- Call Center: Calls answered (%)
- No of Calls - Call Center (in 000's)
- Target -Call Center (85%)



*Performance for February was at target*

**COMMAND CENTER PERFORMANCE**  
Calls Answered within 40 Seconds compared to Target

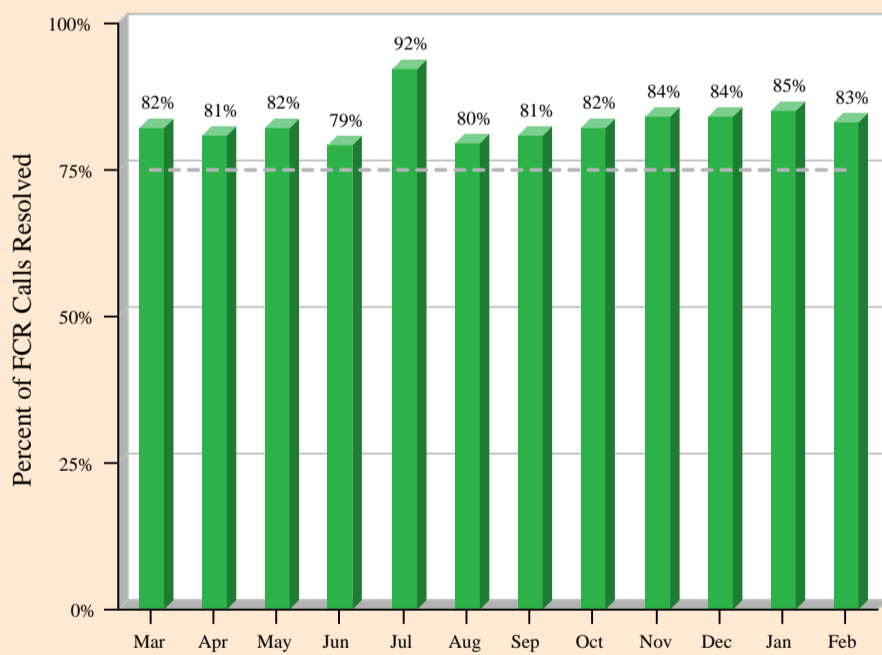
- Command Center: Calls answered (%)
- No of Calls - Command Center (in 000's)
- Target -Command Center (85%)



*Performance for February was above target by 6%*

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

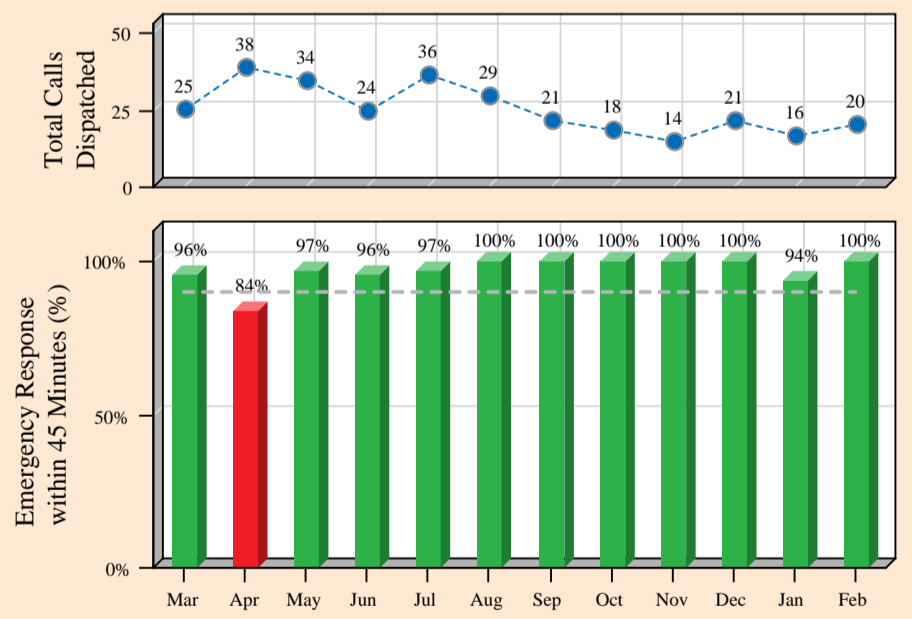
- FCR (%)
- FCR Target (75%)



*Performance for February was above target by 8%*

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

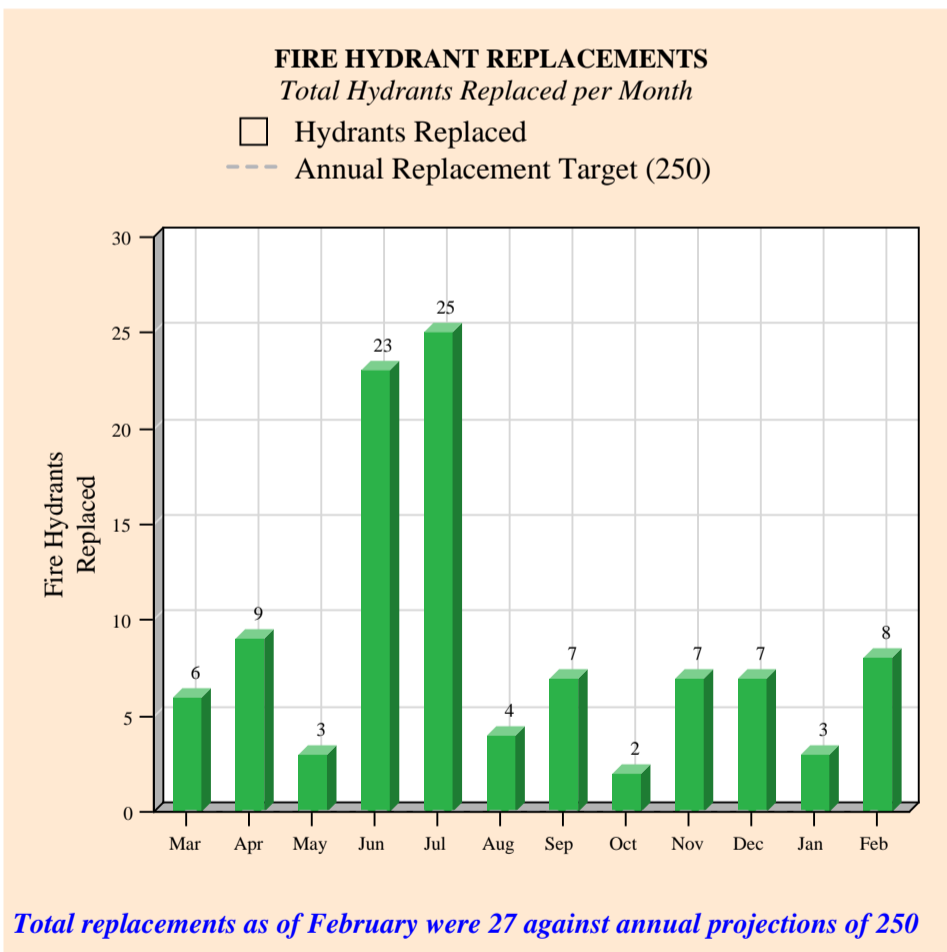
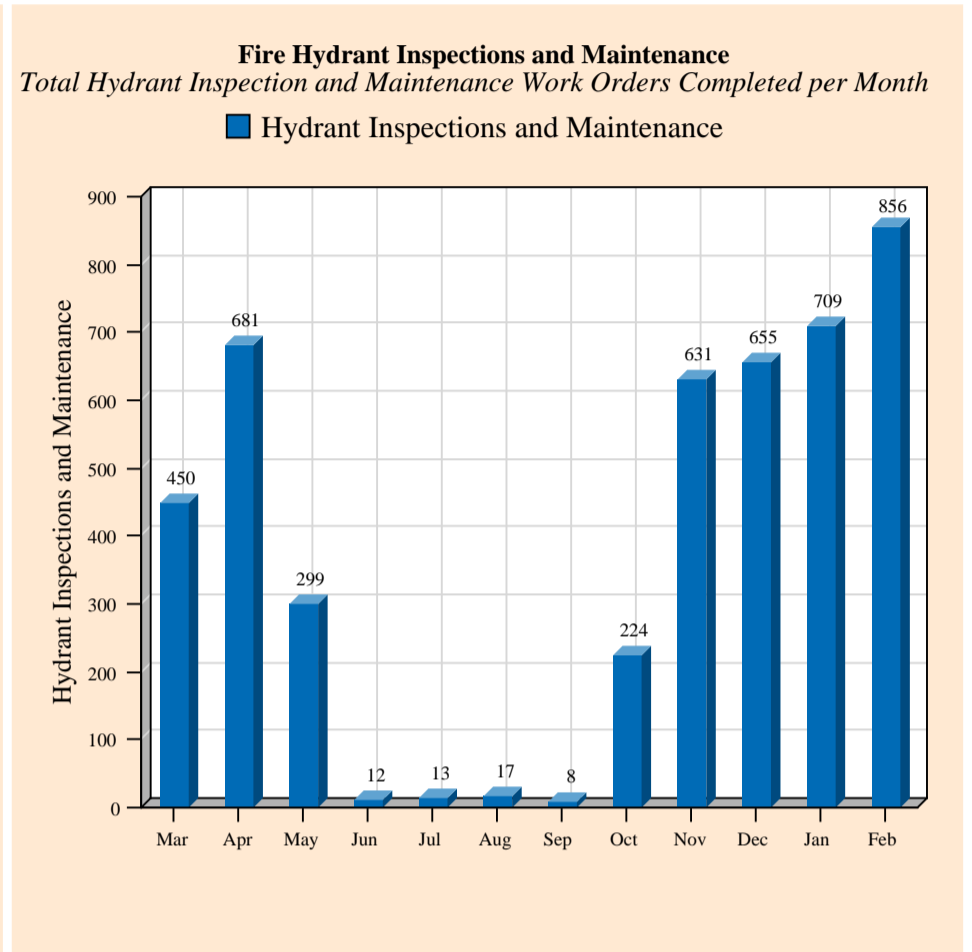
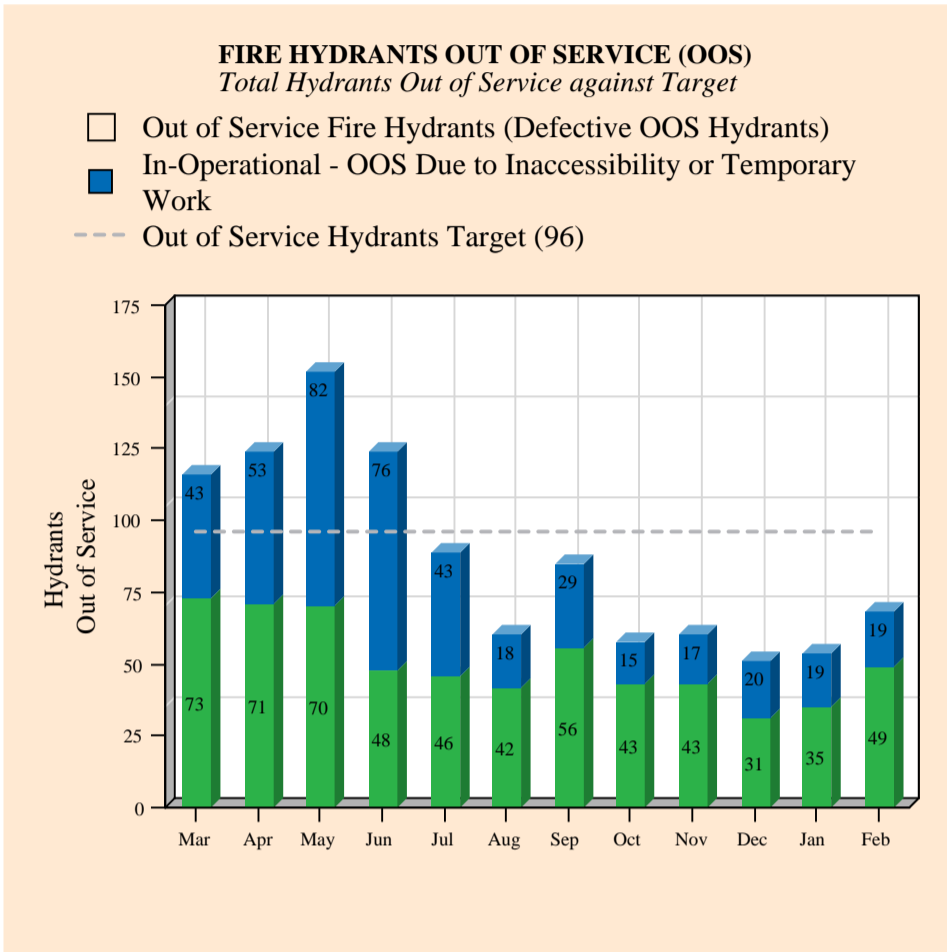
- Response (%) within Target
- Total Emergency Calls Dispatched
- Response Target (90%)



*Performance for February was above target by 10%*

## CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

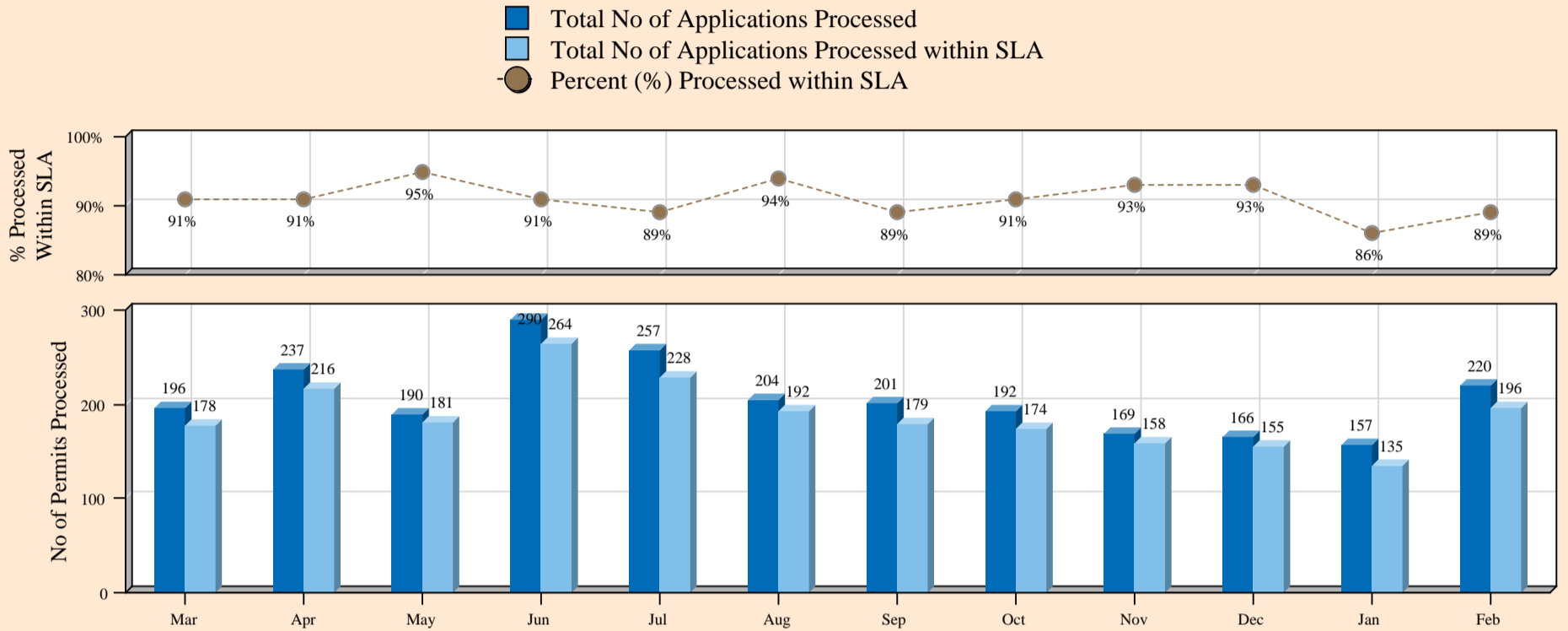
### FIRE HYDRANTS



## CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

### PERMIT PROCESSING

**TOTAL APPLICATIONS PROCESSED WITHIN SERVICE LEVEL AGREEMENT (SLA)**



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

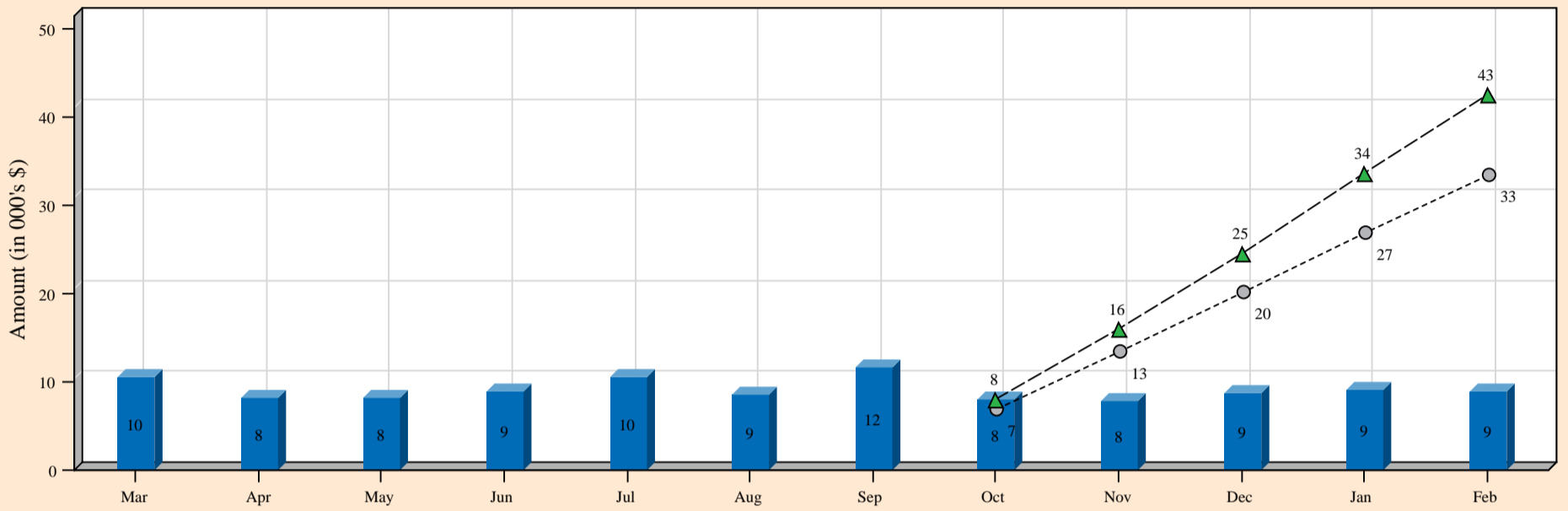
*Permits not processed within SLA in February were 11% Note that different SLA's range from 7 days to 45 days*

**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-2016 (in 000's)
- Projected YTD Target FY-2016 (in 000's)

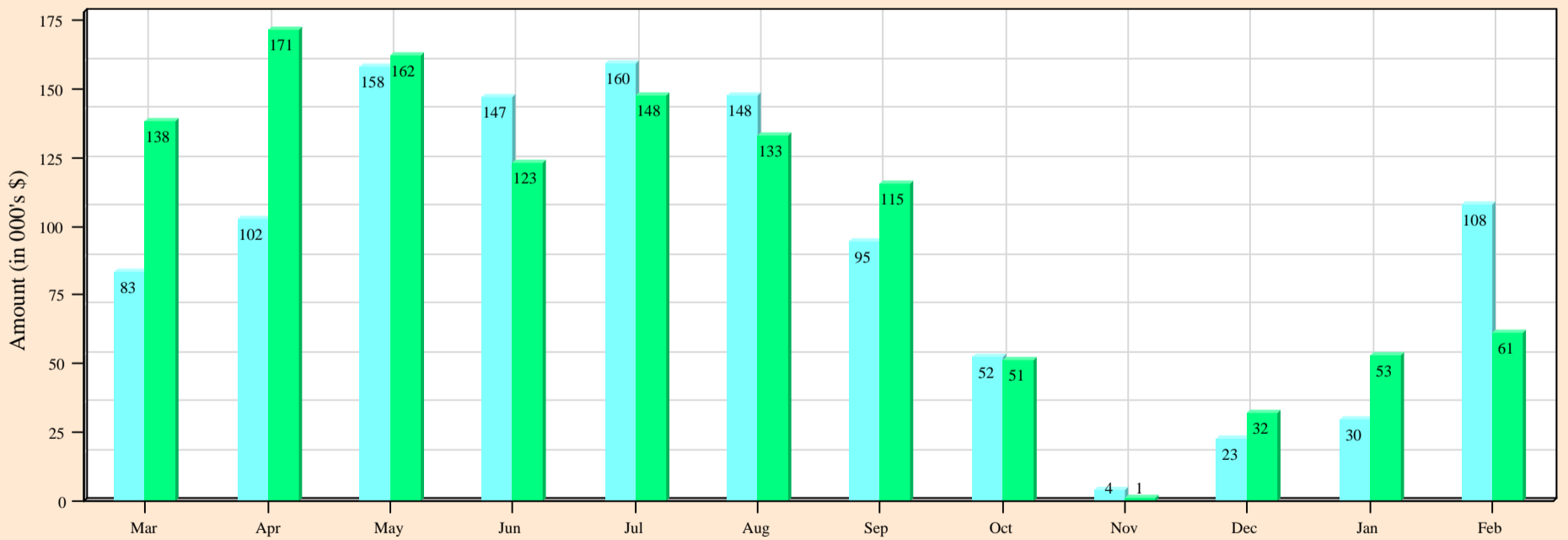


Total SPLASH Contributions to date for February were above target by \$10,000

**CUSTOMER ASSISTANCE PROGRAM (CAP)**

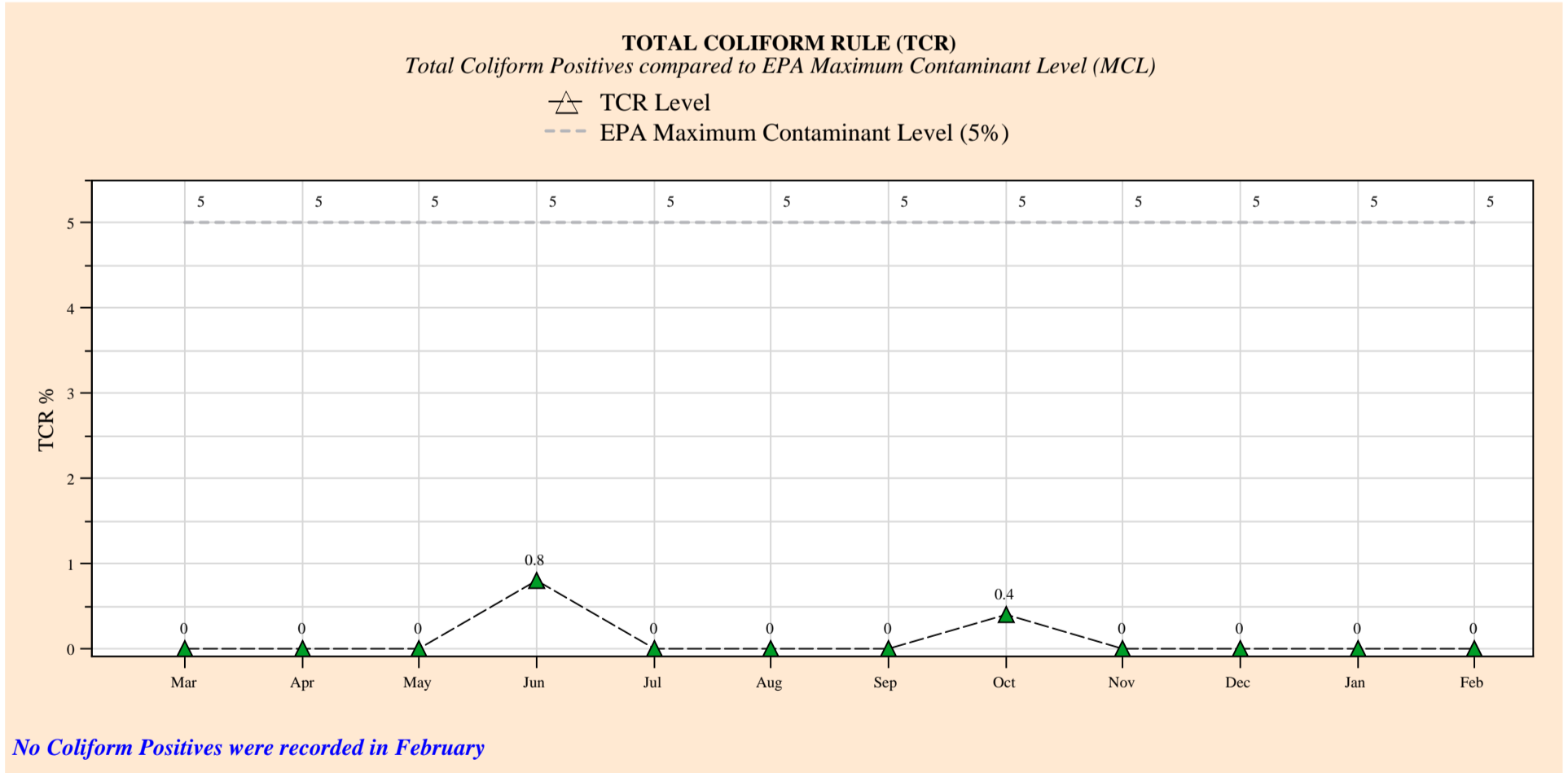
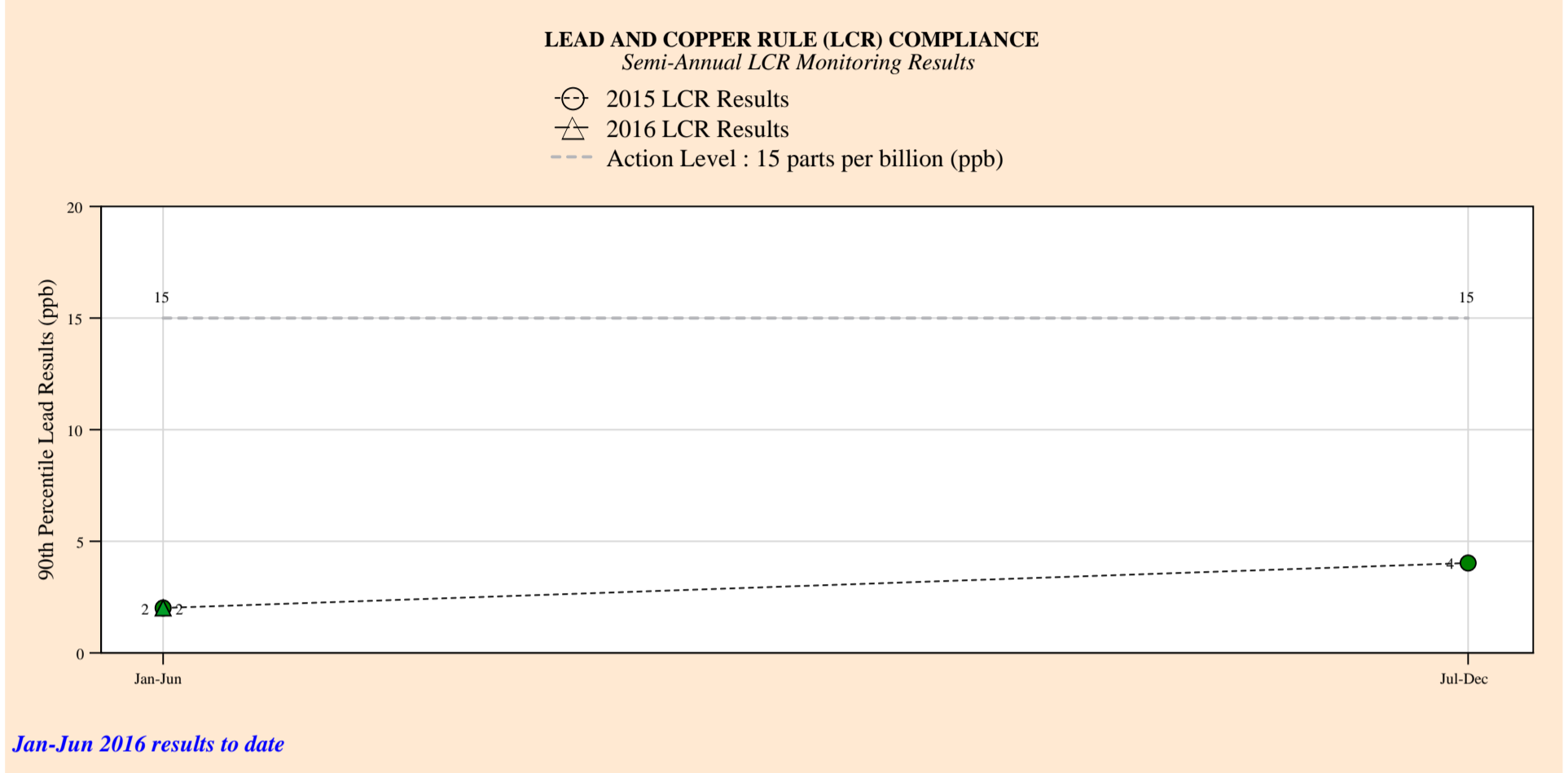
**CUSTOMER ASSISTANCE PROVIDED**  
 Monthly Assistance Provided compared to corresponding Previous Year Periods

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



**OPERATIONAL HIGHLIGHTS**

**DRINKING WATER QUALITY**

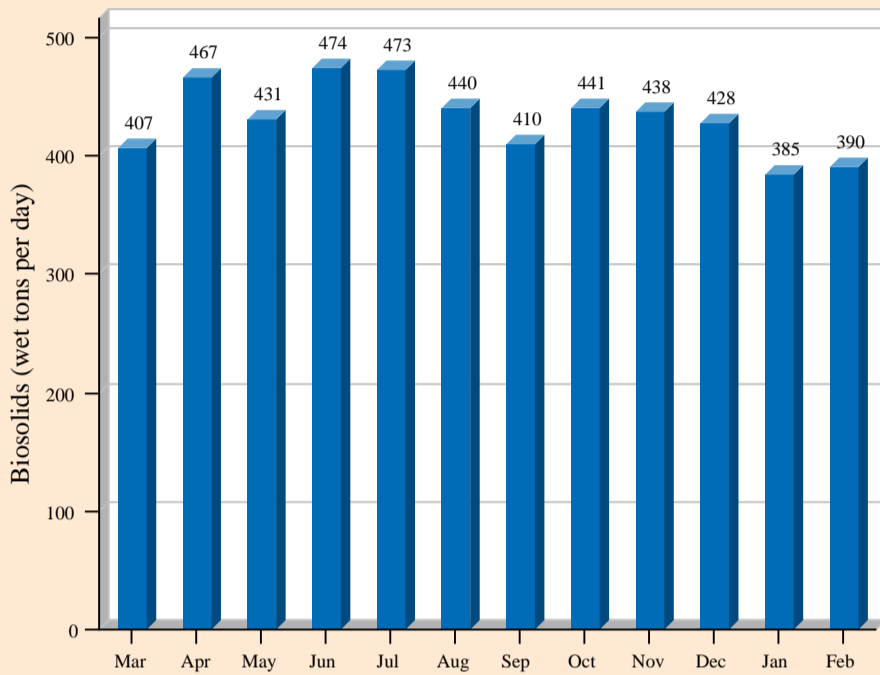


## OPERATIONAL HIGHLIGHTS

### WASTEWATER TREATMENT

#### BIOSOLIDS PRODUCTION

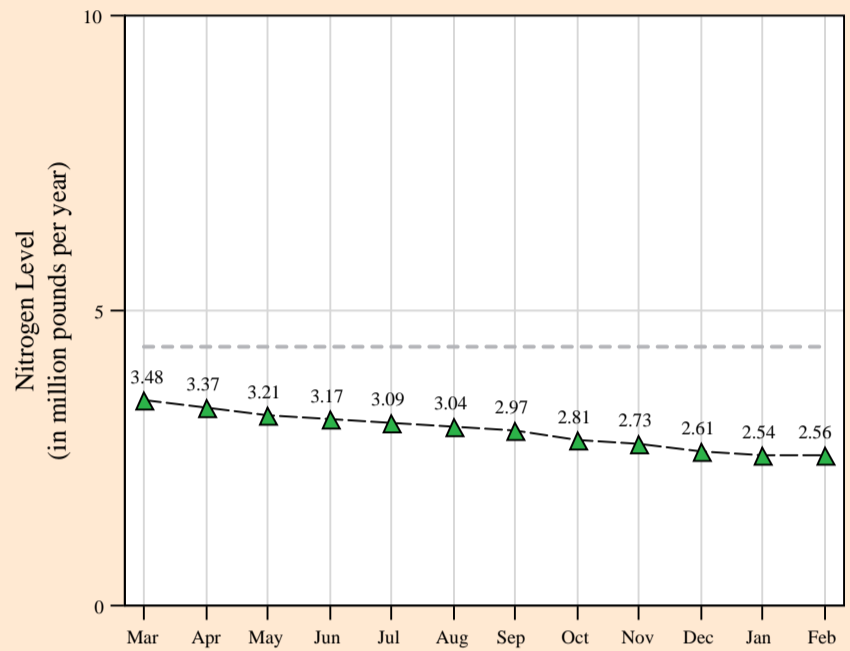
*Average Daily Biosolids Production*  
■ Average Daily Biosolids Hauled



*Biosolids Average Daily Production for February was 390 wet tons per day*

#### TOTAL NITROGEN

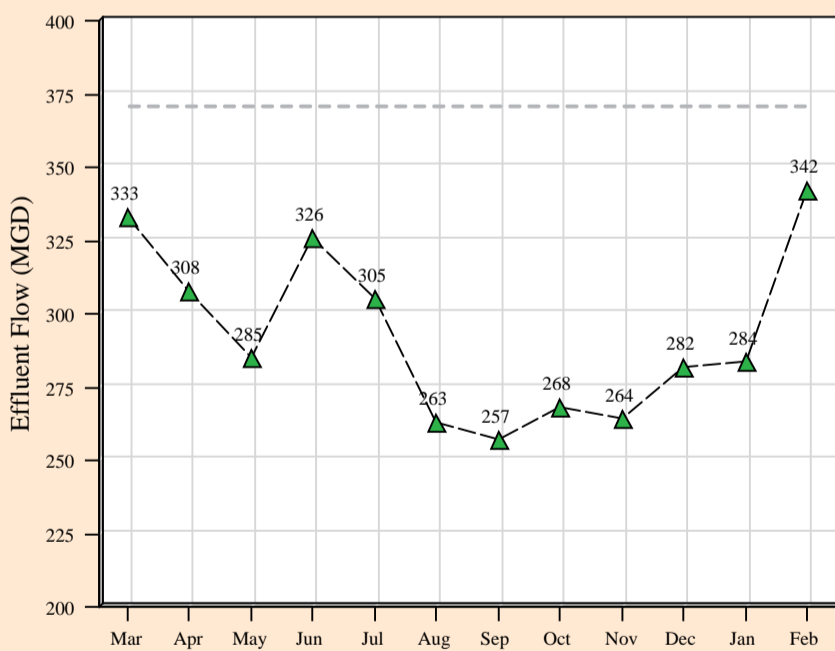
*Total Nitrogen compared to New Permit Levels*  
▲ Nitrogen Annually Load (lbs/yr)  
--- New Permit Limit - 4.38 Million (lbs/yr)



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

#### PLANT EFFLUENT FLOW

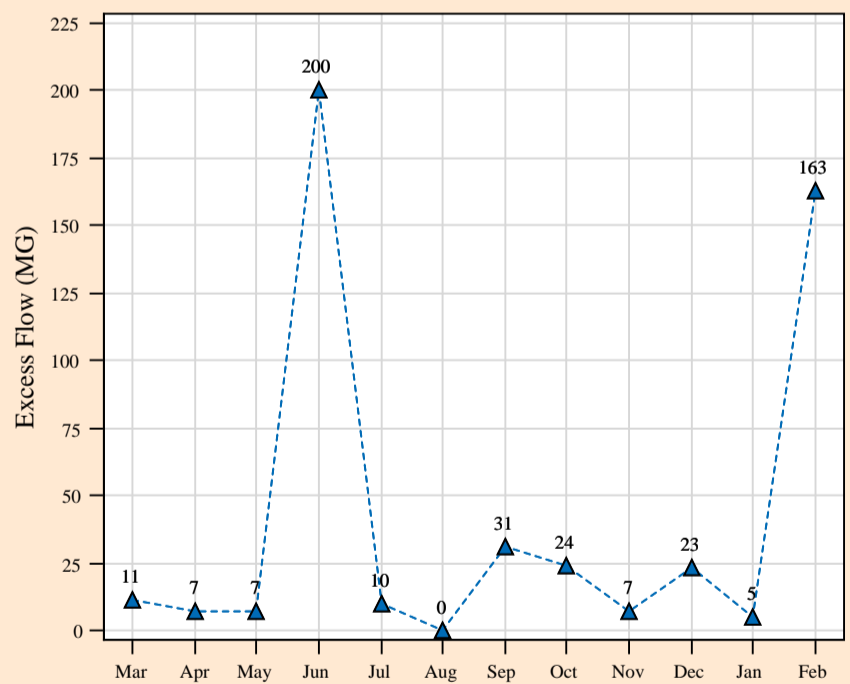
*Effluent Flow compared to Plant Design Average Limit*  
▲ Effluent Flow  
--- Design Average (370 mgd)



*In February, Effluent flow was below design by 28 MGD*

#### EXCESS FLOW

▲ Excess Flow

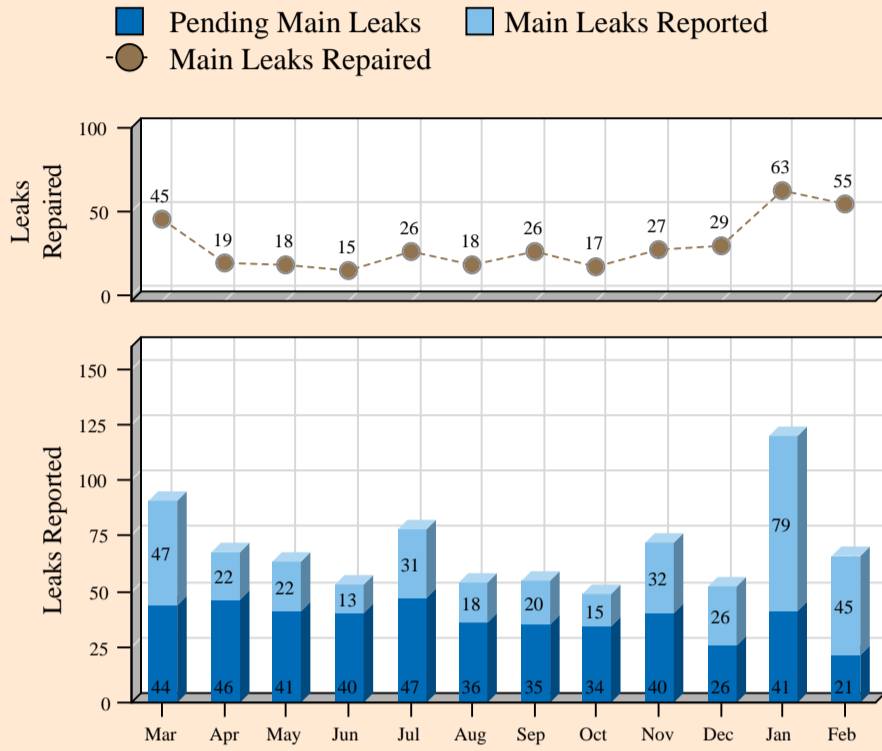


*162.8 Million Gallons per day excess flow were recorded in February 2016*

## OPERATIONAL HIGHLIGHTS

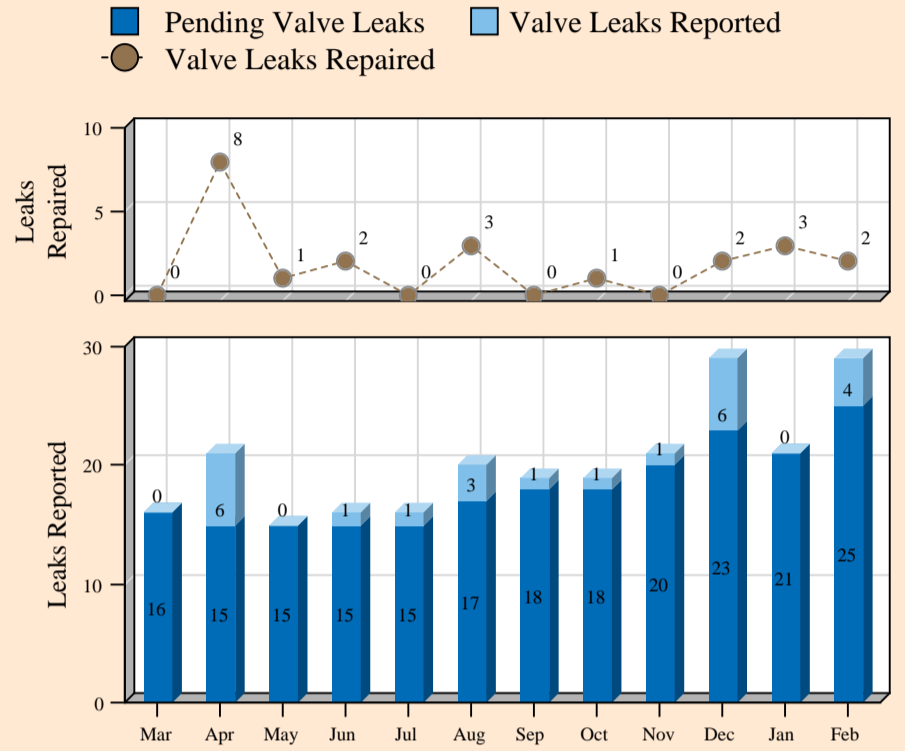
### WATER DISTRIBUTION OPERATIONS

#### WATER MAIN LEAKS



*There were 45 main leaks reported in February*

#### WATER VALVE LEAKS

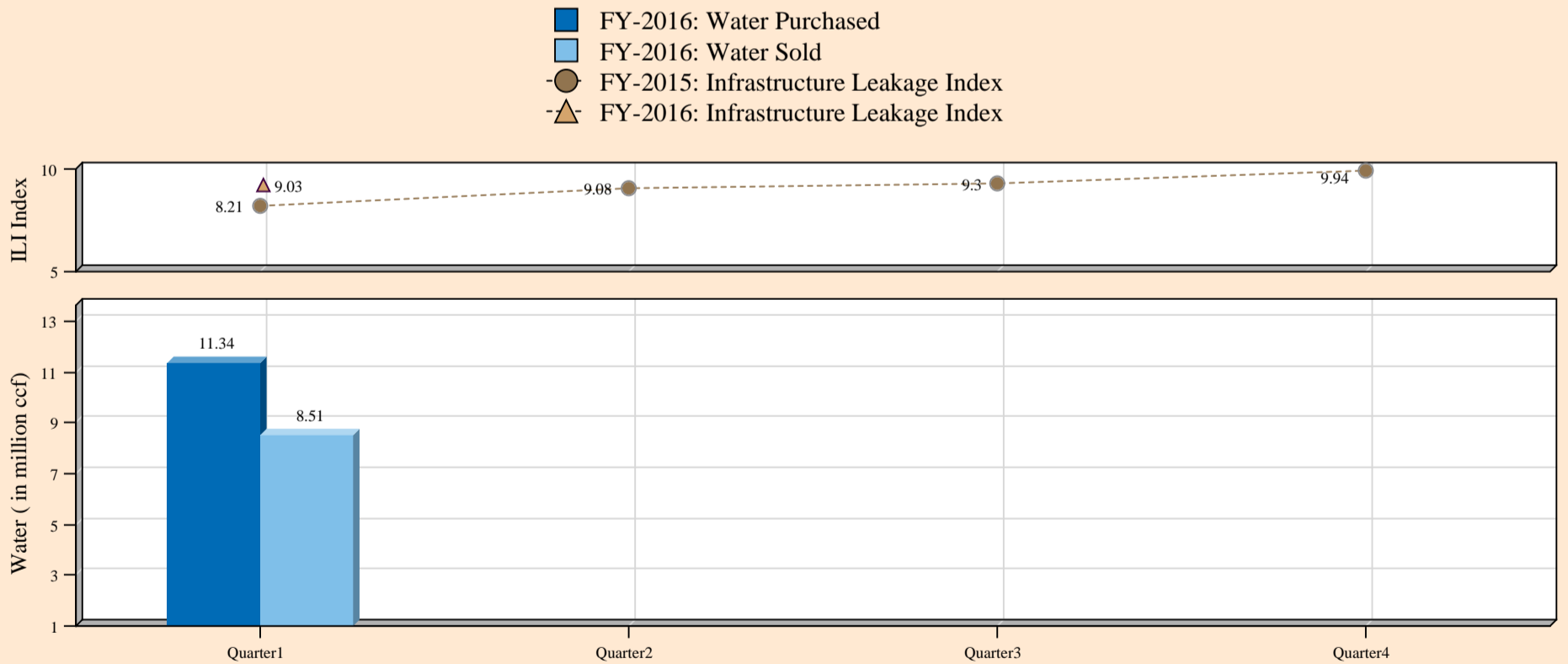


*2 leaks were resolved in February*

### WATER BALANCE

#### NON-REVENUE WATER

*Volume of Water Purchased and Sold per Quarter*

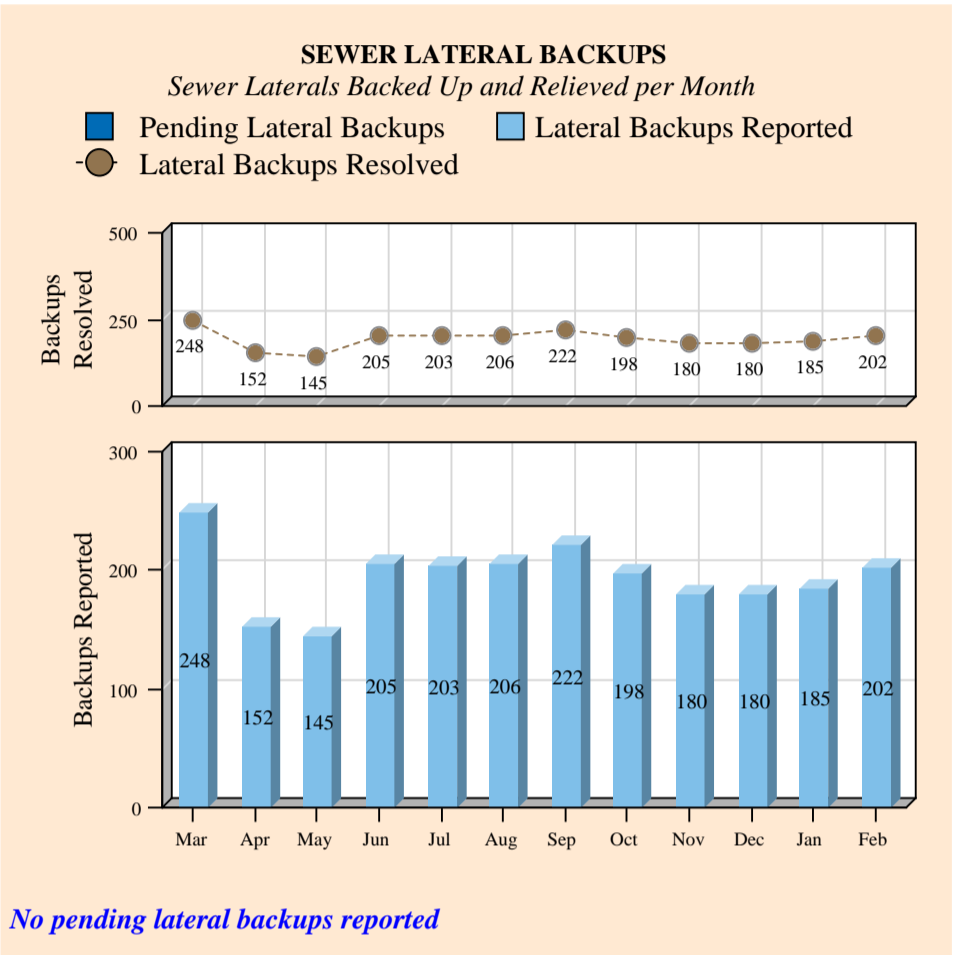
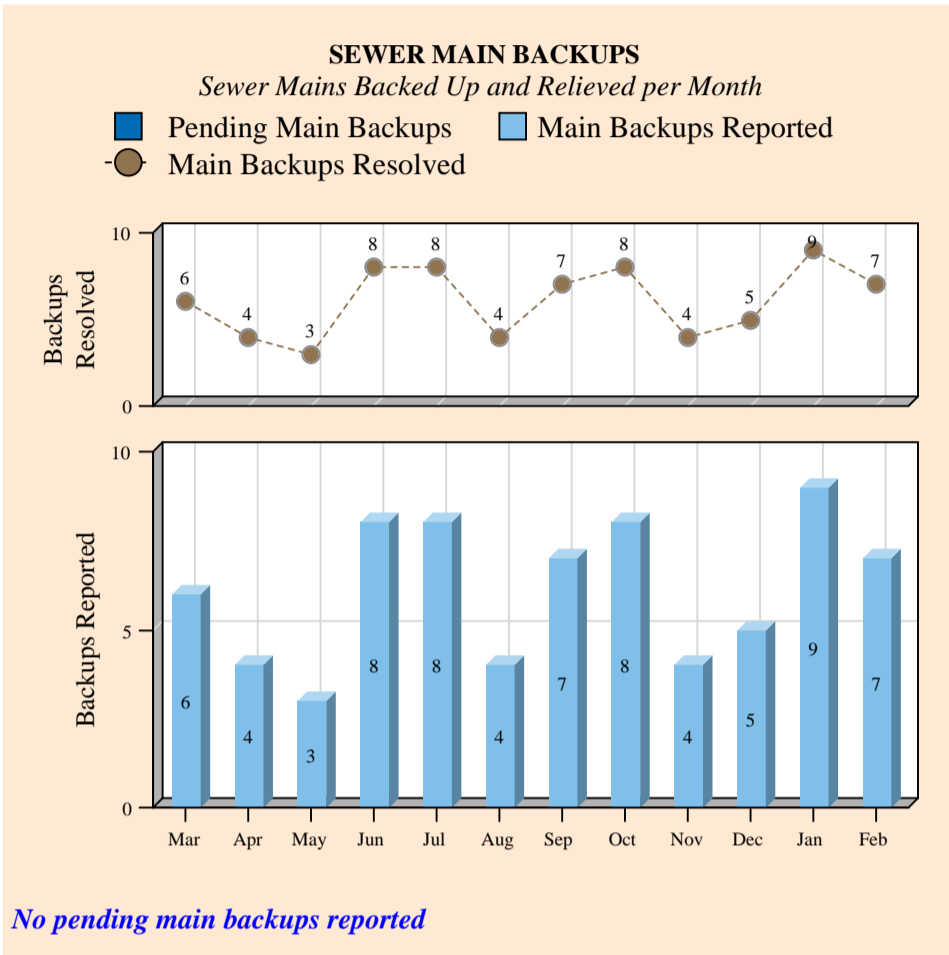


*In the 1st quarter 8.5 out of 11.3 million cubic feet of water was sold*

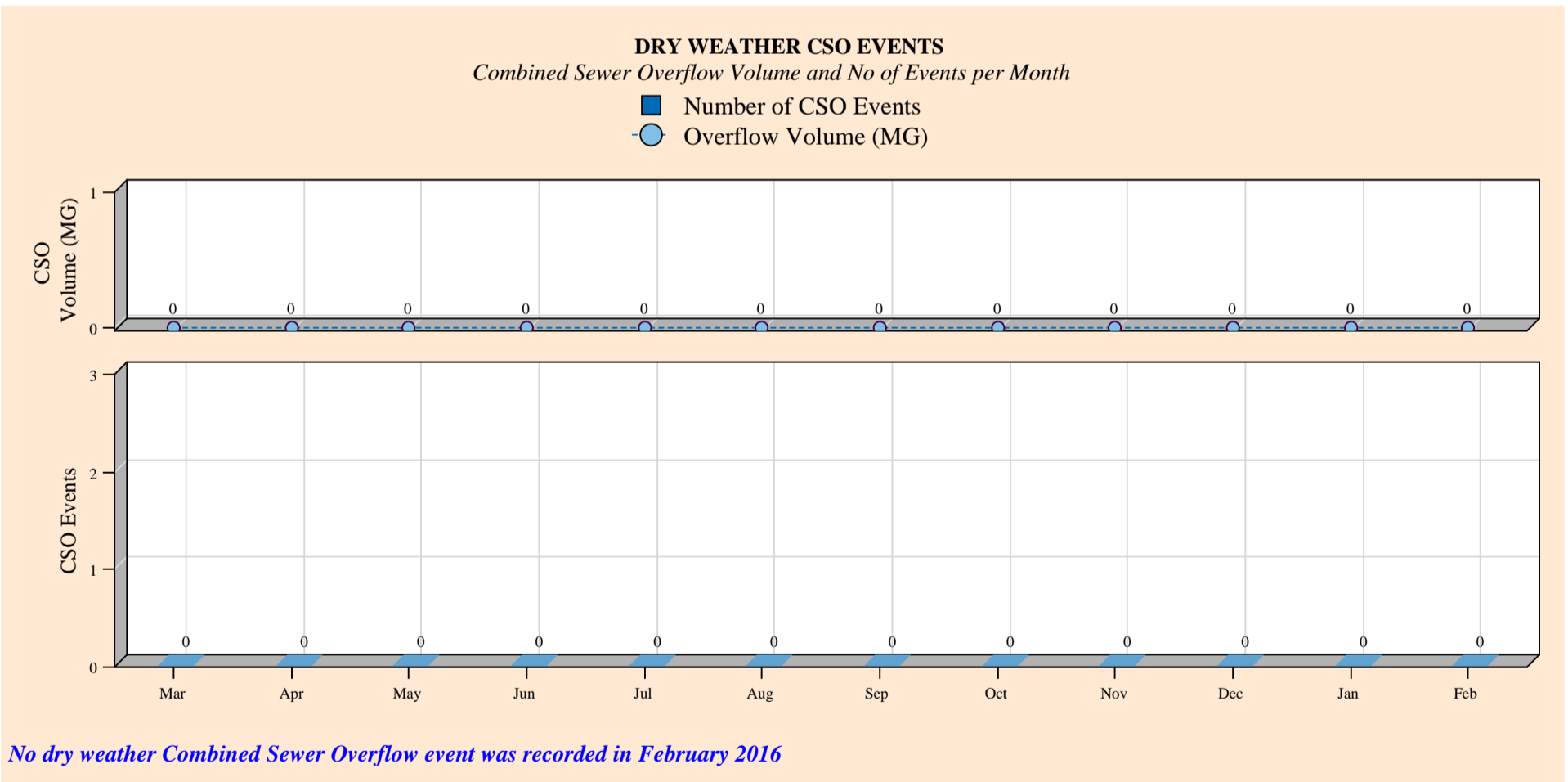


## OPERATIONAL HIGHLIGHTS

### SEWER SYSTEM OPERATIONS



### COMBINED SEWER SYSTEM

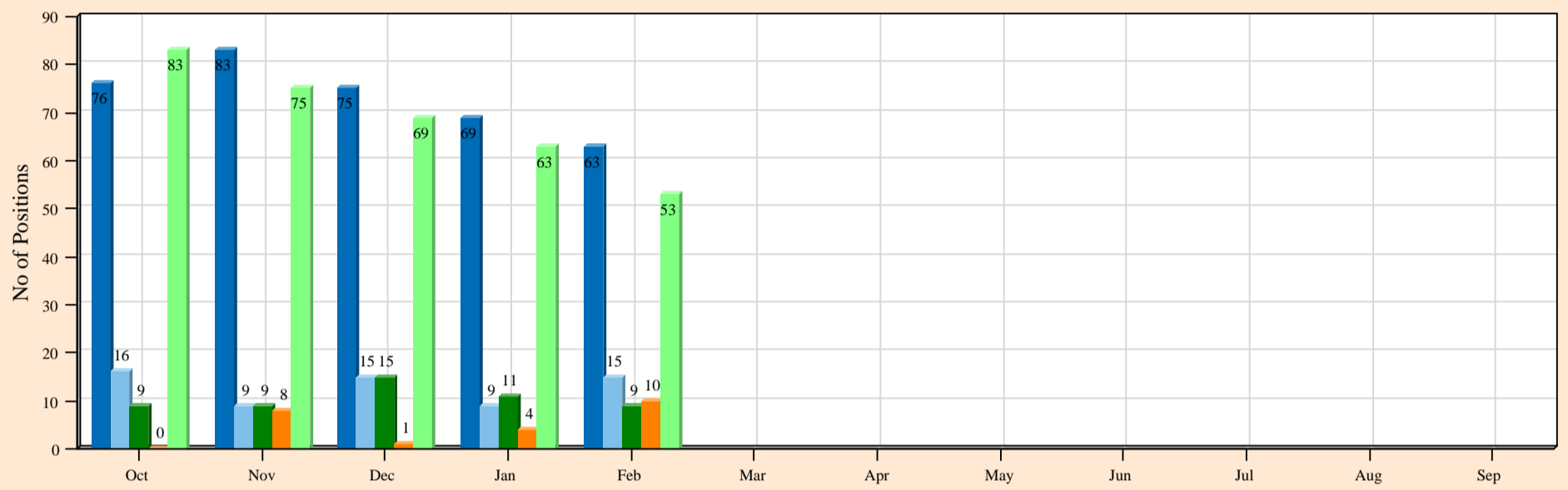


## OPERATIONAL HIGHLIGHTS

### HUMAN RESOURCES

#### RECRUITMENT ACTIVITY

- FY-2016:Rolled Over Open Positions
- FY-2016:New Positions Added
- FY-2016:Positions Filled
- FY-2016:Positions Canceled
- FY-2016:Net Remaining Open Positions



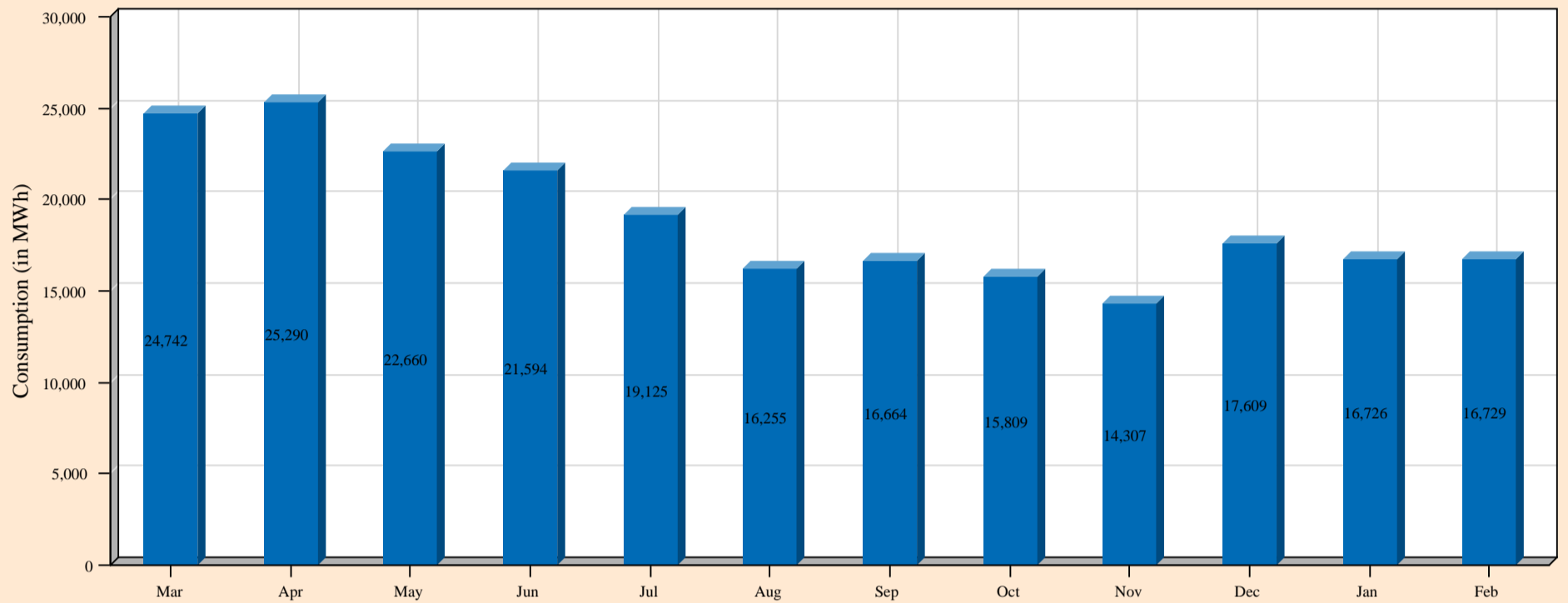
*In February, we began the month with 63 positions, received 15 new positions, filled 9, 10 cancellations and ended the month with 53 positions*

**OPERATIONAL HIGHLIGHTS**

**ENERGY**

**ELECTRICITY USAGE SUMMARY**

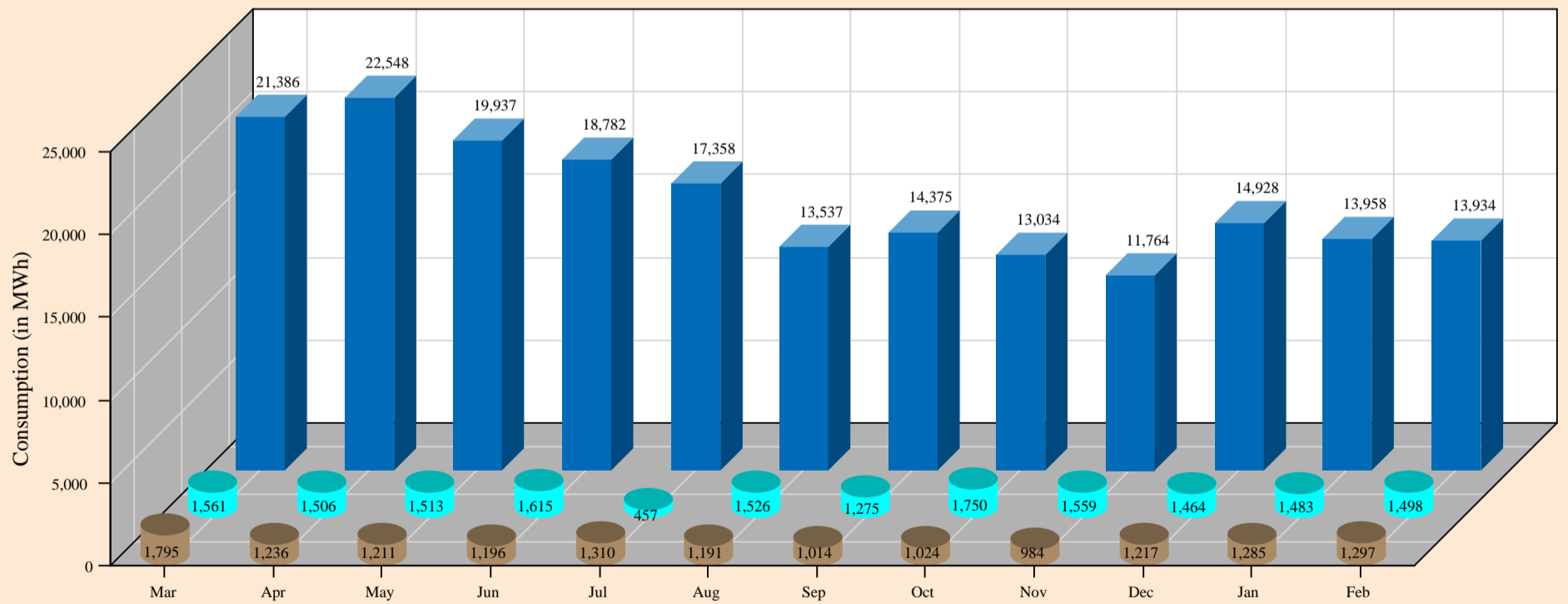
■ Total Consumption (MWh)



*Electricity Consumption in February was 16,729 MWh*

**ELECTRICITY USAGE BY SERVICE AREA**

■ Sewer Pumping ■ Water Pumping ■ Waste Water Treatment



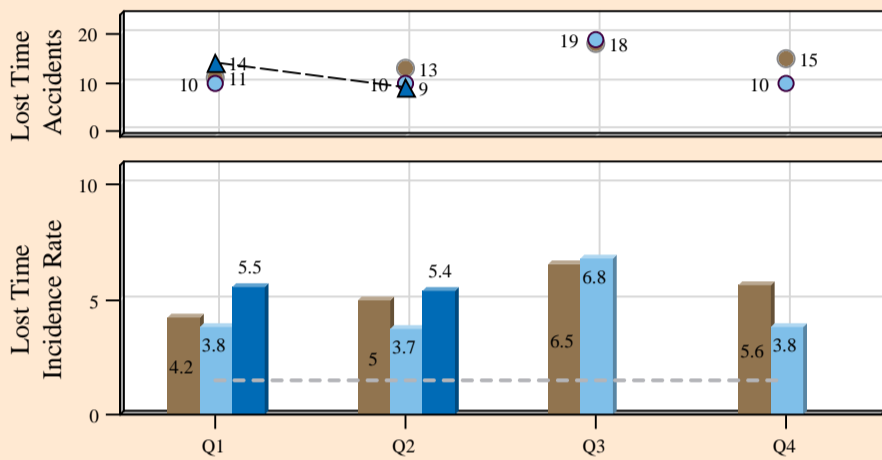
*Wastewater treatment had the highest electricity consumption in February at 13,934 MWh*

## OPERATIONAL HIGHLIGHTS

### SAFETY

#### EMPLOYEE LOST TIME INCIDENCE RATE

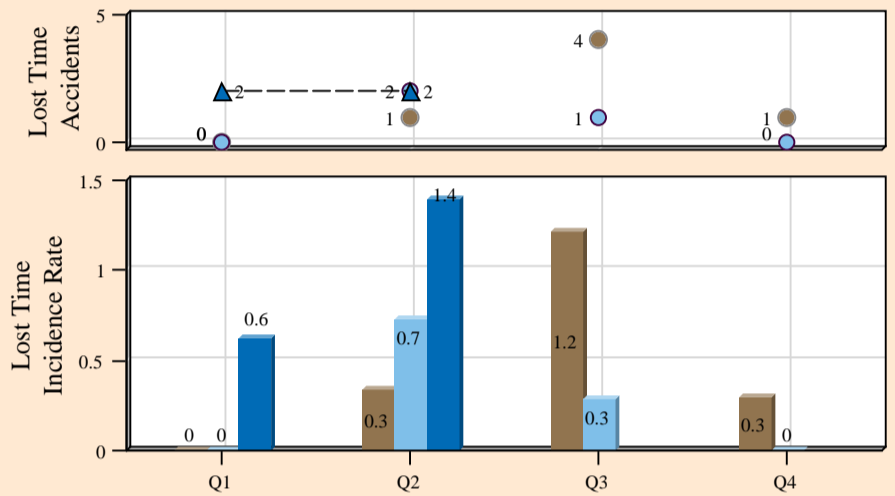
- FY-2014: LT Incidence Rate
- FY-2015: LT Incidence Rate
- FY-2016: LT Incidence Rate
- FY-2014: No of LT Accidents
- FY-2015: No of LT Accidents
- FY-2016: No of LT Accidents
- Target/National: LT Incidence Rate



*Thru the 2nd Month of 2nd quarter, 9 lost time accidents were reported*

#### CONTRACTOR LOST TIME INCIDENCE RATE

- FY-2014: LT Incidence Rate
- FY-2015: LT Incidence Rate
- FY-2016: LT Incidence Rate
- FY-2014: No of LT Accidents
- FY-2015: No of LT Accidents
- FY-2016: No of LT Accidents

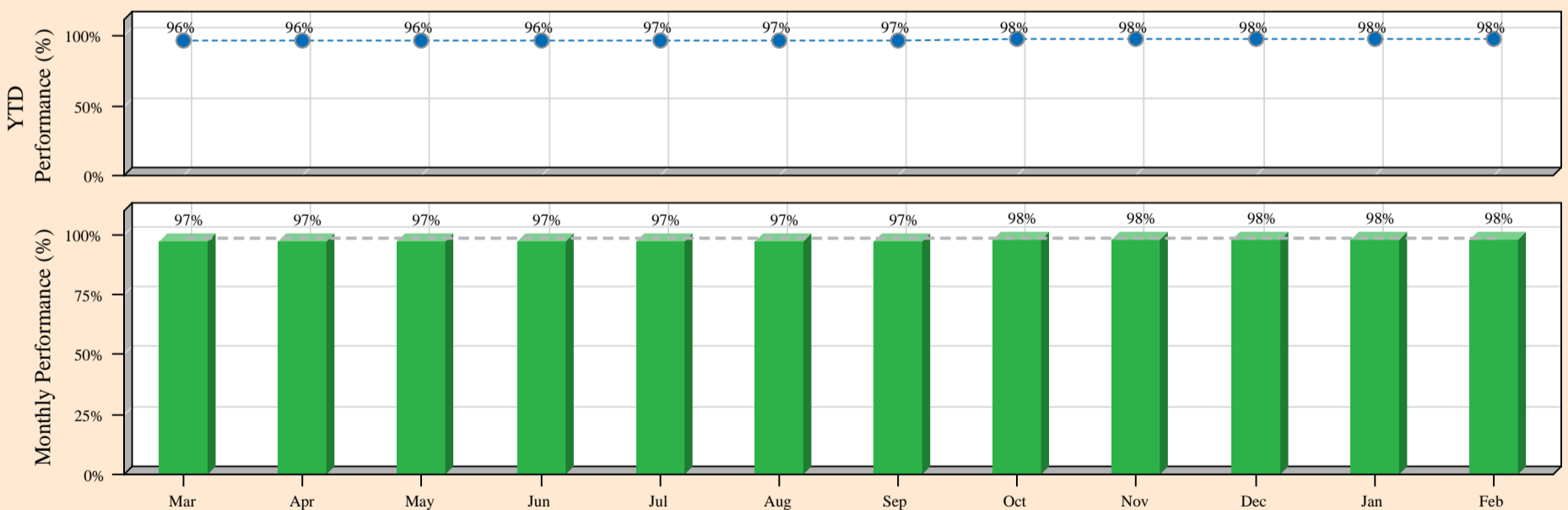


*Thru the 2nd Month of 2nd quarter, 2 lost time accidents were reported*

### 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 target by 1%*

**INTERPRETATION OF CHARTS:**

***FINANCIAL HIGHLIGHTS***

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

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

A

**CUSTOMER CARE AND OPERATIONS HIGHLIGHTS**

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

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

**LOW INCOME ASSISTANCE PROGRAM**

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**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**

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**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

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

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

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

E



**Summary of Contracts on Consent Agenda**  
**219th Meeting of the DC Water Board of Directors**  
**Thursday, April 7, 2016**

**Joint-Use Contracts**

Resolution No. 16 -19 - Execute Option Year Four of Contract No. WAS-12-013-AA-SH, Univar USA, Incorporated. The purpose of the option is to provide sodium hydroxide in 50% solution to the Blue Plains Advanced Wastewater Treatment Facility for the Department of Wastewater Treatment. The option amount is \$500,000. (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)

Resolution No. 16 -20 - Execute Option Year Three of Contract No. WAS-13-006-AA-RE, PVS Chemical Solutions, Inc. The purpose of the option is to provide 38% solution of sodium bisulfite to the District of Columbia Water and Sewer Authority. Sodium bisulfite is used to reduce the chlorine content of water. The option amount is \$500,000. (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)

Resolution No. 16-21 - Execute Option Year Four of Contract No. WAS-11-059-AA-RA, Collins Elevator Services, Inc. The purpose of the option is to provide the District of Columbia Water and Sewer Authority with elevator maintenance, equipment replacement and repair services to include preventive maintenance repair, replacement and inspection of elevators. The option amount is \$146,668. (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)

Resolution No.16-22 - Execute a modification to Contract No. WAS-10-042-AA-SC, Bank of America, N.A. The purpose of the modification is to continue Merchant Credit/Debit Card Processing Services until the new Customer Information System is selected and implemented. The modification amount is \$1,080,000. (Recommended by Finance and Budget Committee 3/24/16)

Resolution No. 16-23 - Execute a modification to Contract No. 14-PR-OGC-01, Environmental Legal Services. The purpose of the modification is to continue providing external legal services for the District of Columbia Water and Sewer

Authority's (DCWater) Office of the General Counsel. The modification amount is \$1,544,000. (Recommended by Finance and Budget Committee 3/24/16)

### **Non-Joint Use Contracts**

Resolution No. 16-24 - Execute Contract No. 160030, Marine Technologies, Inc. The purpose of the contract is to conduct a condition assessment of the Northeast Boundary Trunk Sewer, which ranges in size from 6 feet diameter to horseshoe-shaped 22'X24' unreinforced brick sewer. The contract amount is \$2,500,000. (Recommended by Environmental Quality and Sewerage Services Committee 3/17/16)

Resolution No. 16-25 - Execute Change Order No. 01 of Contract No. 130200, Capitol Paving of D.C., Inc. The purpose of the change order is to provide an additional 18,400 linear feet of Copper Water Services, 35,000 square yards of Asphalt Mill & Overlay to complete the contract work. The change order amount is \$1,951,000. (Recommended by Water Quality and Water Services Committee 3/17/16)

Resolution No. 16-26 - Execute Change Order No. 02, Capitol Paving of D.C., Inc. The purpose of the change order is to provide an additional 8,100 square yards of Concrete Pavement and 24,500 square yards of Asphalt Surface Mill and Overlay are required to complete the contract work. The change amount is \$1,357,500. (Recommended by Water Quality and Water Services Committee 3/17/16)

Resolution No. 16-27 - Execute Contract No. 130170, Ulliman Schutte Construction. The purpose of the contract is to build a 2.0 million gallon elevated water tower and approximately 4,000 feet of 24-inch transmission main to resolve an existing pressure deficiency in the historic Anacostia neighborhood. The contract amount is \$13,390,000. (Recommended by Water Quality and Water Services Committee 3/17/16)

Resolution No. 16-28 - Execute a modification to Contract No. WAS-10-023-AA-RE, Orcom Solutions, LLC. The purpose of the contract modification is to issue a Request for Proposal (RFP) for a new Customer Information System (CIS). The mailroom function is part of the RFP that was issued. The RFP is currently under evaluation. The contract modification is for an additional twenty-four (24) month extension in the amount of \$900,000. (Recommended by Water Quality and Water Services Committee 3/17/16)

Resolution No. 16-29 - Execute a modification to Contract No. WAS-10-023-AA-RE, Orcom Solutions, LLC. The purpose of the contract modification is to issue a

Request for Proposal (RFP) for a new Customer Information System (CIS). The mailroom function is part of the RFP that was issued. The RFP is currently under evaluation. The contract modification is for an additional twenty-four (24) month extension in the amount of \$3,234,000. (Recommended by Water Quality and Water Services Committee 3/17/16)

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute Option Year Four of Contract No.  
WAS-12-013-AA-SH, Univar USA, Incorporated**

**#16-19  
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 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Four of Contract No. WAS-12-013-AA-SH, Univar USA, Incorporated.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Four of Contract No. WAS-12-013-AA-SH, Univar USA, Incorporated. The purpose of the option is to provide sodium hydroxide in 50% solution to the Blue Plains Advanced Wastewater Treatment Facility for the Department of Wastewater Treatment. The option amount is \$500,000.

This Resolution is effective immediately.

\_\_\_\_\_  
Secretary to the Board of Directors

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

**ACTION REQUESTED**

**GOODS AND SERVICES CONTRACT OPTION YEAR  
Supply and Delivery of Sodium Hydroxide  
(Joint Use)**

Approval to exercise option year four (4) for the supply and delivery of sodium hydroxide in the amount of \$500,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Univar USA, Incorporated 532 Emaus Street Middletown, PA 17057	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Base Year Contract Value:	\$510,400.00
Contract Base Period:	06-12-2012 – 05-31-2013
Number of Option Years:	4
Modifications 1-3 Dates:	02-01-2013 – 05-31-2014
Modifications 1-3 Total Value:	\$1,155,500.00
Option Year 1 Dates:	06-01-2013 – 05-31-2014
Option Year 1 Value:	\$536,000.00
Option Year 2 Dates:	06-01-2014 – 05-31-2015
Option Year 2 Value:	\$1,963,577.85
Option Year 3 Dates:	06-01-2015 – 05-31-2016
Option Year 3 Value:	\$400,000.00
<b>Option Year 4 Dates:</b>	<b>06-01-2016 – 05-31-2017</b>
<b>Option Year 4 Value:</b>	<b>\$500,000.00</b>

**Purpose of the Contract:**

To provide sodium hydroxide in 50% solution to the Blue Plains Advanced Wastewater Treatment Facility for the Department of Wastewater Treatment. Sodium hydroxide is used to control pH, a critical control parameter in the Biological Nitrogen Removal (BNR) unit of the wastewater treatment process. Sodium hydroxide is also used in the odor control scrubber.

**Contract Scope:**

To furnish and deliver sodium hydroxide in 50% solution. Option Year 4 pricing was negotiated to \$0.1325/lb, down 11.4% from the Option Year 3 price of \$0.1495/lb.

**Spending Previous Year:**

Cumulative Contract Value:	06-12-2012 – 05-31-2016: \$4,565,477.85
Cumulative Contract Spending:	06-12-2012 – 02-29-2016: \$3,881,803.92

**Contractor's Past Performance:**


The vendor's performance has been satisfactory.

No LBE/LSBE participation.

PROCUREMENT INFORMATION			
<b>Contract Type:</b>	Fixed Price Requirement Contract	<b>Award Based On:</b>	Lowest responsive and responsible bidder
<b>Commodity:</b>	Goods and Services	<b>Contract Number:</b>	WAS-12-013-AA-SH
<b>Contractor Market:</b>	Open Market with LBE and LSBE Preference Participation		

BUDGET INFORMATION			
<b>Funding:</b>	Operating	<b>Department:</b>	Wastewater Treatment
<b>Service Area:</b>	Blue Plains AWTF	<b>Department Head:</b>	Salil Kharkar

ESTIMATED USER SHARE INFORMATION		
User	Share %	Dollar Amount
District of Columbia	41.67%	\$208,350.00
Washington Suburban Sanitary Commission	43.21%	\$216,050.00
Fairfax County	10.45%	\$52,250.00
Loudoun County & Potomac Interceptor	4.02%	\$20,100.00
Other (PI)	0.65%	\$3,250.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>		<b>100.00%</b>
		<b>\$500,000.00</b>

  
 Dan Bae  
 Director of Procurement


3/4/16  
 Date

  
 Akille Tesfaye  
 AGM, Blue Plains

3/7/2016  
 Date

  
 Gail Alexander-Reeves  
 Director of Budget

03/08/2016  
 Date

  
 George S. Hawkins  
 General Manager

3/24/16  
 Date

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute Option Year Three of Contract No.  
WAS-13-006-AA-RE, PVS Chemical Solutions, Inc.**

**#16-20  
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 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Three of Contract No. WAS-13-006-AA-RE, PVS Chemical Solutions, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Three of Contract No. WAS-13-006-AA-RE, PVS Chemical Solutions, Inc. The purpose of the option is to provide 38% solution of sodium bisulfite to the District of Columbia Water and Sewer Authority. Sodium bisulfite is used to reduce the chlorine content of water. The option amount is \$500,000.

This Resolution is effective immediately.

\_\_\_\_\_  
Secretary to the Board of Directors



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

**ACTION REQUESTED**  
**GOODS AND SERVICES CONTRACT OPTION**  
**Supply and Delivery of Liquid Sodium Bisulfite**  
**(Joint Use)**

Approval to execute option year three (3) of the contract, for the supply and delivery of liquid sodium bisulfite, in the amount of \$500,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> PVS Chemical Solutions, Inc. 10900 Harper Avenue Detroit, MI 48213	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$588,700.00
Original Contract Dates:	01-10-2013 - 01-09-2014
No. of Option Years in Contract:	4
Modifications Value:	\$253,800.00
Modifications Dates:	01-10-2014 - 04-30-2016
Option Year 1 Value:	\$560,570.00
Option Year 1 Dates:	03-10-2014 - 03-09-2015
Option Year 2 Value:	\$597,100.00
Option Year 2 Dates:	03-10-2015 - 03-09-2016
<b>Option Year 3 Value:</b>	<b>\$500,000.00</b>
<b>Option Year 3 Dates:</b>	<b>05-01-2016 - 03-09-2017</b>

**Purpose of the Contract:**

The purpose of this contract is to provide 38% solution of sodium bisulfite to the District of Columbia Water and Sewer Authority. Sodium bisulfite is used to reduce the chlorine content of water. It is added to the effluent of the disinfection tanks, just prior to discharge through the site outfall.

**Contract Scope:**

The scope of this contract is for the supply and delivery of liquid sodium bisulfite (38% trade) for use in the treatment of collected wastewater at the Blue Plains Advanced Wastewater Treatment Facility.

**Spending Previous Year:**

Cumulative Contract Value:	01-10-2013 to 03-09-2016: \$2,000,170.00
Cumulative Contract Spending:	01-10-2013 to 01-30-2016: \$1,879,825.95

**Contractor's Past Performance:**

The contractor's past performance has been satisfactory.

No LSBE/LBE participation.

**Note:**

The option year 2 price of liquid sodium bisulfite (38% trade) was \$0.1881 per delivered pound. In accordance with Section E.6 of the contract, Price Escalation/De-escalation Adjustment, the price will be adjusted up or down based upon the price index changes for caustic soda, sulfur, and diesel fuel. Using the calculation method provided in the contract, the new price is \$0.1790/lb, which began with Modification 4.

**PROCUREMENT INFORMATION**

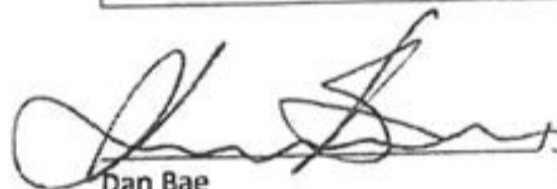
<b>Contract Type:</b>	Fixed Price Requirements Contract	<b>Award Based On:</b>	Lowest Responsive and Responsible Bidder
<b>Commodity:</b>	Goods and Services	<b>Contract Number:</b>	WAS-13-006-AA-RE
<b>Contractor Market:</b>	Open Market with Preference Points for LSBE and LBE Participation		


**BUDGET INFORMATION**

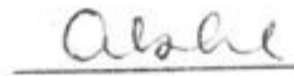
<b>Funding:</b>	Operating	<b>Department:</b>	Wastewater Treatment
<b>Service Area:</b>	Blue Plains	<b>Department Head:</b>	Salil Kharkar

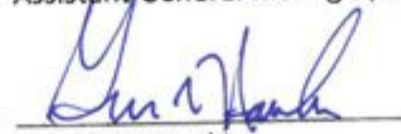
**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.67%	\$208,350.00
Washington Suburban Sanitary Commission	43.21%	\$216,050.00
Fairfax County	10.45%	\$52,250.00
Loudoun County	4.02%	\$20,100.00
Other (PI)	0.65%	\$3,250.00
<b>TOTAL ESTIMATED AMOUNT</b>		<b>100.00%</b>
		<b>\$500,000.00</b>

 3/4/16  
 Dan Bae Date  
 Director of Procurement

 03/09/16  
 Gail Alexander-Reeves Date  
 Director of Budget

 3/17/2016  
 Akile Tesfaye Date  
 Assistant General Manager, Blue Plains

 3/24/16  
 George S. Hawkins Date  
 General Manager

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute Option Year Four of Contract No.  
WAS-11-059-AA-RA, Collins Elevator Services, Inc.**

**#16-21  
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 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_() in favor and \_\_() opposed to execute Option Year Four of Contract No. WAS-11-059-AA-RA, Collins Elevator Services, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Four of Contract No. WAS-11-059-AA-RA, Collins Elevator Services, Inc. The purpose of the option is to provide the District of Columbia Water and Sewer Authority with elevator maintenance, equipment replacement and repair services to include preventive maintenance repair, replacement and inspection of elevators. The option amount is \$146,668.

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**

**Elevator Maintenance and Repair Services  
(Joint Use)**

Approval to exercise option year four (4) for Elevator Maintenance and Repair Services contract in the amount of \$146,668.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Collins Elevator Services, Inc. 800 Hamlin Street, NE Washington, DC 20017	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$210,160.00
Original Contract Dates:	01-20-2012—01-21-2013
No. of Option Years in Contract:	4
Option Year 1 Value:	\$218,675.00
Option Year 1 Dates:	01-20-2013—01-21-2014
Option Year 2 Value:	\$220,000.00
Option Year 2 Dates:	01-20-2014 – 01-21-2015
Option Year 3 Value:	240,845.00
Option Year 3 Dates:	01-20-2015 – 01-21-2016
Modification Value:	\$80,000.00
Modification Dates:	01-22-2016—05-31-2016
<b>Option Year 4 Value:</b>	<b>\$146,668.00</b>
<b>Option Year 4 Dates:</b>	<b>06-01-2016—01-21-2017</b>

**Purpose of the Contract:**

To provide the District of Columbia Water and Sewer Authority (DC Water) with elevator maintenance, equipment replacement and repair services to include preventative maintenance repair, replacement and inspection of elevators, wheelchair lifts, commercial lifts and dumbwaiters located in DC Water facilities.

**Contract Scope:**

The contract provides for the full and complete preventative maintenance, repair, replacement and inspection of elevators (traction and hydraulic), wheelchair and commercial lifts, and dumbwaiters located at DC Water facilities.

**Spending Previous Year:**

Cumulative Contract Value:	01-20-2012 to 05-31-2016: \$969,680.00
Cumulative Contract Spending:	01-20-2012 to 02-18-2016: \$582,754.24

**Contractor's Past Performance:**

The Contractor's past performance has been satisfactory.

No LBE/LSBE participation.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Best Value
<b>Commodity:</b>	Services	<b>Contract Number:</b>	WAS-11-059-AA-RA
<b>Contractor Market:</b>	Open Market with Preference Points for LBE and LSBE Participation		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Facilities
<b>Project Area:</b>	Blue Plains AWTP	<b>Department Head:</b>	Johnnie Walker

**ESTIMATED USER SHARE INFORMATION**

User - Operating	Share %	Dollar Amount
District of Columbia	41.67%	\$33,336.00
Washington Suburban Sanitary Commission	43.21%	\$34,568.00
Fairfax County	10.45%	\$8,360.00
Loudoun Water	4.02%	\$3,216.00
Other (PI)	0.65%	\$520.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$80,000.00</b>

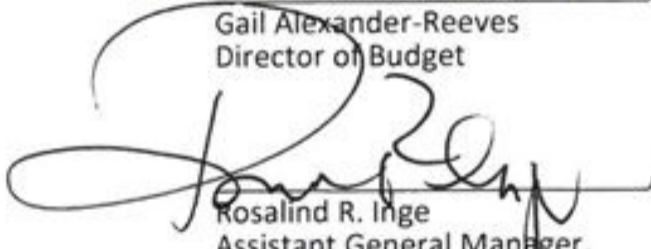
**ESTIMATED USER SHARE INFORMATION**

<b>Funding:</b>	Capital	<b>Department:</b>	Facilities
<b>Project Area:</b>	Blue Plains AWTP	<b>Department Head:</b>	Johnnie Walker

User - Capital	Share %	Dollar Amount
District of Columbia	41.54%	\$27,693.06
Washington Suburban Sanitary Commission	45.26%	\$30,173.03
Fairfax County	8.64%	\$5,761.94
Loudoun Water	3.75%	\$2,499.98
Other (PI)	0.81%	\$539.99
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$66,668.00</b>

 3/11/16  
 Date  
 Dan Bae  
 Director of Procurement

 3/11/16  
 Date  
 Gail Alexander-Reeves  
 Director of Budget

 3/11/16  
 Date  
 Rosalind R. Inge  
 Assistant General Manager,  
 Support Services

 3/24/16  
 Date  
 George S. Hawkins  
 General Manager

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute a Modification to Contract No. 14-PR-OGC-01, Environmental Legal Services**

**#16-23  
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 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute a modification to Contract No. 14-PR-OGC-01, Environmental Legal Services.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute a modification to Contract No. 14-PR-OGC-01, Environmental Legal Services. The purpose of the modification is to continue providing external legal services for the District of Columbia Water and Sewer Authority's (DCWater) Office of the General Counsel. The modification amount is \$1,544,000.

This Resolution is effective immediately.

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Secretary to the Board of Directors

**DC WATER AND SEWER AUTHORITY  
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

**ACTION REQUESTED**

**GOODS AND SERVICES CONTRACT MODIFICATION  
(JOINT USE - INDIRECT COST)  
Environmental Legal Services**

Approval to execute a modification for Environmental Legal Services in the additional amount of \$1,544,000.00 for the base year of the Contract.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Beveridge & Diamond, P.C. 1350 I Street NW, Suite 700 Washington, DC 20005 (LBE)  McGuire Woods LLP 901 East Cary Street Richmond, VA 23103	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Base Years Contract Value: \$4,500,000.00  
 Contract Base Period: 07-01-2015 – 06-30-2018  
 Number of Option Years: One (1) option for two (2) years  
**This Contract Modification Value: \$1,544,000.00**  
**This Contract Modification Dates: 01-01-2016 – 06-30-2016**

**Purpose of the Contract:**  
 To contract for external legal services for the District of Columbia Water and Sewer Authority’s (DC Water) Office of General Counsel.

**Contract Scope**  
 Beveridge & Diamond, P.C. and McGuire Woods LLP were awarded through a procurement process (RFP) to provide the legal services in the Environmental Law in June 2015. Board approved the award in June 2015 for the total combined contract value of \$1,500,000 to these 2 firms during the contract base year (7/1/2015 – 6/30/16).

**Contract Spend Estimate for the Base Year (7/1/2015 - 6/30/2016)**

		<b>Beveridge &amp; Diamond, P.C.</b>	<b>McGuire Woods LLP</b>	<b>Total</b>
Cumulative Contract Spending:	07/01/2015 – 12/31/2015	\$1,160,839.72	\$35,487.24	\$ 1,196,326.96
Cumulative Unpaid Bills:	07/01/2015 – 12/31/2015	\$529,018.36	\$118,356.49	\$ 647,374.85
Cumulative Contract Billing To Date:	07/01/2015 – 12/31/2015	\$1,689,858.08	\$153,843.73	\$ 1,843,701.81
Estimated Bills:	01/01/2016 – 06/30/2016	\$960,000.00	\$240,000.00	\$ 1,202,000.00
<b>Total Estimated Contract Value of Base Year</b>	<b>07/01/2015 – 06/30/2016</b>	<b>\$ 2,649,858.08</b>	<b>\$ 393,843.73</b>	<b>\$ 3,043,701.81</b>
Original Amount Approved by Board in June 2015				\$1,500,000.00
<b>Additional Amount Needed in this Modification</b>				<b>\$1,544,000.00*</b>

\* Rounded

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Hourly Rate	<b>Award Based On:</b>	Highest Rated in Category
<b>Commodity:</b>	Professional Services	<b>Contract Number:</b>	14-PR-OGC-01
<b>Contractor Market:</b>	Open Market with Preference Points for LBE and LSBE Participation		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Office of General Counsel
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Meena Gowda

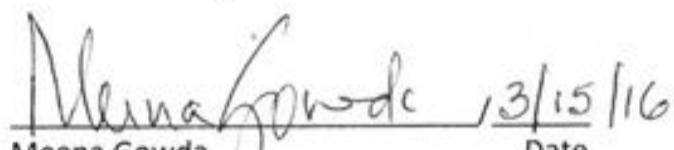
**ESTIMATED USER SHARE INFORMATION**


<b>User</b>	<b>Share %</b>	<b>Dollar Amount</b>
District of Columbia	82.36%	\$ 1,271,638.40
Washington Suburban Sanitary Commission	12.98%	\$ 20,041.20
Fairfax County	3.21%	\$ 49,562.40
Loudoun County	1.25%	\$ 19,300.00
Other Potomac Interceptor	0.20%	\$ 3,088.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$1,544,000.00</b>



  
\_\_\_\_\_, 3/15/16  
Dan Bae Date  
Director of Procurement

  
\_\_\_\_\_, 3/15/16  
Gail Alexander-Reeves Date  
Director of Budget

  
\_\_\_\_\_, 3/15/16  
Meena Gowda Date  
Acting General Counsel

  
\_\_\_\_\_, 3/24/16  
George S. Hawkins Date  
General Manager

**Presented and Adopted: April 7, 2016**

**Subject: Approval to Support Mayor's Order – Ban on Official District Government Travel to the State of North Carolina**

**#16-30  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the DC Water") at the Board meeting held on April 7, 2016 decided, in a joint use matter, by a vote of \_\_\_() in favor and \_\_\_() opposed, to take the following action with respect to District of Columbia Mayor's Order 2016-040 banning official District government travel to the State of North Carolina.

**WHEREAS**, on March 23, 2016, North Carolina enacted House Bill 2, *Public Facilities Privacy & Security Act* (the "Act"), which prohibits people from using restrooms that are inconsistent with the gender stated on their birth certificate, regardless of their gender identity, and prohibits North Carolina government localities from extending anti-discrimination protections to the lesbian, gay, bi-sexual, transgender, and questioning (LGBTQ) communities;

**WHEREAS**, on March 31, 2016, the Mayor of the District of Columbia issued Mayor's Order 2016-040 prohibiting officers and employees of the District of Columbia from authorizing official traveling in an official capacity to North Carolina until the Act is permanently enjoined, repealed, or amended to allow local jurisdictions to enact laws protecting the LGBTQ communities from discrimination and to enact laws allowing persons to use restrooms that correspond to their gender identity;

**WHEREAS**, similar bans on government travel to North Carolina have been ordered by officials in other cities including San Francisco, Seattle, New York City, Boston and Atlanta; and multiple states including Washington, New York, Connecticut and Minnesota;

**WHEREAS**, the Board has long been supportive of equal treatment under the law, and voted in 2009 to extend health and welfare benefits to domestic partners of DC Water employees;

**NOW THEREFORE BE IT RESOLVED THAT:**

1. The Board of Directors direct the General Manager to support the Mayor's Order by issuing a directive to staff prohibiting any authorization of official travel on DC Water business to the State of North Carolina until further notice.

2. This resolution shall be effective immediately.

\_\_\_\_\_  
Secretary to the Board of Directors

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute a Modification to Contract No. WAS-10-042-AA-SC, Bank of America, N.A.**

**#16-22  
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 7, 2016 upon consideration of a non-joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute a modification to Contract No. WAS-10-042-AA-SC, Bank of America, N.A.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute a modification to Contract No. WAS-10-042-AA-SC, Bank of America, N.A. The purpose of the modification is to continue Merchant Credit/Debit Card Processing Services until the new Customer Information System is selected and implemented. The modification amount is \$1,080,000.

This Resolution is effective immediately.

\_\_\_\_\_  
Secretary to the Board of Directors

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

**ACTION REQUESTED**

**GOODS AND SERVICES CONTRACT MODIFICATION  
Merchant Credit/Debit Card Processing Services  
(Non-Joint Use)**

Approval to execute a contract modification to extend Merchant Credit/Debit Card Processing Services for a two (2) year term with a value not to exceed \$1,080,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Bank of America, N.A. 5565 Glenridge Connector Suite 2000 Atlanta, GA 30342	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$1,250,000.00
Contract Time:	06-01-2011– 05-31-2016
Contract Modification No. 1 Value	\$233,284.03
Contract Modification No. 1 Dates	03-01-2016 – 05-31-2016
<b>This Contract Modification Value</b>	<b>\$1,080,000.00</b>
<b>This Contract Modification Dates</b>	<b>06-01-2016 – 05-31-2018</b>

**Purpose of the Contract:**

This contract is to provide Merchant Credit/Debit Card Processing Services to DC Water to enable customers to pay their water and sewer bills with credit or debit cards if they so choose. Contract cost include transaction and authorization fees paid to Bank of America, N.A. and pass through charges paid to VISA, Master Card and Discover Cards, respectively. The contract modification amount takes into consideration the increase in rates and corresponding average billing in future years.

**Contract Scope:**

To provide Merchant Credit/Debit Card Processing Services.

**Current Modification Scope:**

To continue Merchant Credit/Debit Card Processing Services until the new Customer Information System (CIS) is selected and implemented. The new CIS will include the provision of Merchant Credit/Debit Card Processing Services.

**Reason for the Change:**

DC Water has issued a Request for Proposals (RFP) for a new Customer Information System (CIS). These services must continue until the new CIS vendor is selected and it is determined which system will be utilized. Upon this decision, DC Water will issue a RFP for new Merchant Credit/Debit Card Processing Services.

**Spending Previous Year:**

Cumulative Contract Value:	<b>06-01-2011 to 05-31-2016 – \$1,483,284.03</b>
Cumulative Contract Spending:	<b>06-01-2011 to 02-29-2016 – \$1,378,905.00</b>

**Contractor Past Performance:**

The contractor's past performance has been satisfactory.

No LSBE participation with this procurement.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Unit Price Requirement Contract	<b>Award Based On:</b>	Competitive Proposals
<b>Commodity:</b>	Goods and Services	<b>Contract Number:</b>	WAS-10-042-AA-SC
<b>Contractor Market:</b>	Open Market with Preference Points for LBE and LSBE Preference		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Finance
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Robert Hunt

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$1,080,000.00
Washington Suburban Sanitary Commission	0.00%	
Fairfax County	0.00%	
Loudoun County	0.00%	
Other (PI)	0.00%	
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$1,080,000.00</b>

for *[Signature]* 3/16/16  
 Dan Bae Date  
 Director of Procurement

*[Signature]* 3/16/16  
 Gail Alexander-Reeves Date  
 Director of Budget

for *[Signature]* 3/16/16  
 Mark Kim Date  
 Chief Financial Officer

*[Signature]* 3/24/16  
 George S. Hawkins Date  
 General Manager

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute Contract No. 160030, Marine Technologies, Inc.**

**#16-24  
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 7, 2016 upon consideration of a non-joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Contract No. 160030, Marine Technologies, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Contract No. 160030, Marine Technologies, Inc. The purpose of the contract is to conduct a condition assessment of the Northeast Boundary Trunk Sewer, which ranges in size from 6 feet diameter to horseshoe-shaped 22'X24' unreinforced brick sewer. The contract amount is \$2,500,000.

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:**

**Inspection of Northeast Boundary Trunk Sewer  
(Non-Joint Use)**

Approval to execute a sole source construction contract for \$2,500,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
Marine Technologies, Inc. 6604 Fort Smallwood Road Baltimore, MD 21226	Stokit Supply Company, Inc Randallstown, MD                      MBE	5.2%
	Ackerman & Baynes, LLC Baltimore, MD                              WBE	2.0%
	Sunrise Safety Services, Inc. Glen Burnie, MD                          WBE	3.2%

**DESCRIPTION AND PURPOSE**

Contract Value, Not-To-Exceed:	\$2,500,000.00
Contract Time:	183 Days            (0 Years, 6 Months)
Anticipated Contract Start Date (NTP):	04-22-2016
Anticipated Contract Completion Date:	10-22-2016

**Purpose of the Contract:**

To safely and expediently conduct a condition assessment of the Northeast Boundary Trunk Sewer, which ranges in size from 6 feet diameter to horseshoe-shaped 22'X24' unreinforced brick sewer.

**Contract Scope:**

- Inspect approximately 12,000 linear feet of sewer ranging from 6 feet to 10 feet in diameter using an array of high-definition cameras and extensive lighting, Sonic/Ultra Sonic and Ground Penetration Radar technologies.
- Inspect approximately 10,500 linear feet of sewer ranging from 10 feet to 22 feet in diameter using an array of high-definition cameras and extensive lighting technology.
- Inspect approximately 2,500 linear feet of horseshoe-shaped sewer 22 feet by 24 feet in size using an array of high-definition cameras and extensive lighting, Sonic/Ultra Sonic and Ground Penetration Radar technologies.
- Develop a condition assessment report that will establish the basis for the rehabilitation of the Northeast Boundary Sewer as appropriate.

**Federal Grant Status:**

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



**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Sole Source
<b>Commodity:</b>	Construction	<b>Contract Number:</b>	160030
<b>Contractor Market:</b>	Open Market		

**BUDGET INFORMATION**


<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Combined Sewer	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	FX		

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100%	\$ 2,500,000.00
Federal Funds	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	0.00%	\$ 0.00
Fairfax County	0.00%	\$ 0.00
Loudoun County & Potomac Interceptor	0.00%	\$ 0.00
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$ 2,500,000.00</b>

  
 Gail Alexander-Reeves  
 Director of Budget  
 Date 3/10/16

  
 Dan Bae  
 Director of Procurement  
 Date 3/10/16

  
 Leonard R. Benson  
 Chief Engineer  
 Date 3-9-16

  
 George S. Hawkins  
 General Manager  
 Date 3/24/16

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute Change Order No. 01 of Contract No. 130200, Capitol Paving of D.C., Inc.**

**#16-25  
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 7, 2016 upon consideration of a non-joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Change Order No. 01 of Contract No. 130200, Capitol Paving of D.C., Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Change Order No. 01 of Contract No. 130200, Capitol Paving of D.C., Inc. The purpose of the change order is to provide an additional 18,400 linear feet of Copper Water Services, 35,000 square yards of Asphalt Mill & Overlay to complete the contract work. The change order amount is \$1,951,000.

This Resolution is effective immediately.

---

Secretary to the Board of Directors

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

**ACTION REQUESTED**

**CONSTRUCTION CONTRACT CHANGE ORDER:  
Small Diameter Water Main Replacement 10A  
(Non-Joint Use)**

Approval to execute Change Order No.01 for \$1,951,000.00. The modification will exceed the General Manager's approval authority.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
Capitol Paving of D.C., Inc. 2211 Channing St., NE Washington, DC 20018  (MBE)	Omni Excavators Inc. Washington DC	MBE 26.3%
	Fort Myer Construction Corp. Washington, DC	MBE 5.8%
	Acorn Supply Distribution Inc. White Marsh, MD	WBE 6.0%

**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$13,542,445.00
Value of this Change Order:	\$ 1,951,000.00
Cumulative CO Value, including this CO:	\$ 1,951,000.00
Current Contract Value, including this CO:	\$15,493,445.00
Original Contract Time:	550 Days (1 Year, 6 Months)
Time extension, this CO:	128 Days
Total CO contract time extension:	128 Days
Contract Start Date (NTP):	08-06-2014
Anticipated Contract Completion Date:	06-14-2016
Cumulative CO % of Original Contract:	14.4%
Contract completion %:	92.0%

**Purpose of the Contract:**

To replace water mains and associated appurtenances to improve water quality and performance of the distribution system.

**Original Contract Scope:**

- Replace approximately 5.4 miles of small-diameter water mains, fire hydrants and associated appurtenances.
- Replace copper water pipe of 2 inch and smaller and associated appurtenances in public and private space.
- Restoration of disturbed pavements and surfaces.

**Current Change Order Scope:**

An additional 18,400 linear feet of Copper Water Services, 35,000 square yards of Asphalt Mill & Overlay, 5,200 cubic yards of Borrow Trench Backfill and 6 Bus Pads Replacements are required to complete the contract work as quantities estimated during design did not take into account the full extent of the work required.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Lowest responsive, responsible bidder
<b>Commodity:</b>	Construction	<b>Contract Number:</b>	130200
<b>Contractor Market:</b>	Open Market		

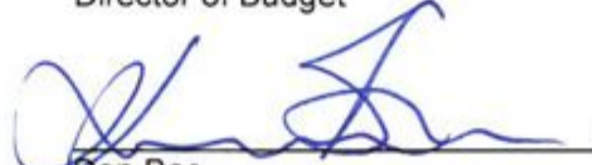
**BUDGET INFORMATION**

<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Water	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	O2		

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$1,951,000.00
Federal Funds	0.00%	\$0.00
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun County & Potomac Interceptor	0.00%	\$0.00
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$1,951,000.00</b>

 3/10/16  
 Gail Alexander-Reeves Date  
 Director of Budget

 3/10/16  
 Dan Bae Date  
 Director of Procurement

 3-8-16  
 Leonard R. Benson Date  
 Chief Engineer

 3/24/16  
 George S. Hawkins Date  
 General Manager

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute Change Order No. 02 of Contract No. 140010, Capitol Paving of D.C., Inc.**

**#16-26  
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 7, 2016 upon consideration of a non-joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Change Order No. 02 of Contract No. 140010, Capitol Paving of D.C., Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Change Order No. 02, Capitol Paving of D.C., Inc. The purpose of the change order is to provide an additional 8,100 square yards of Concrete Pavement and 24,500 square yards of Asphalt Surface Mill and Overlay are required to complete the contract work. The change amount is \$1,357,500.

This Resolution is effective immediately.

---

Secretary to the Board of Directors

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

**ACTION REQUESTED**

**CONSTRUCTION CONTRACT CHANGE ORDER:  
Small Diameter Water Main Replacement 10b  
(Non-Joint Use)**

Approval to execute Change Order No.02 for \$1,357,500.00. The modification will exceed the General Manager's approval authority.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
Capitol Paving of D.C., Inc. 2211 Channing St., NE Washington, DC 20018  (MBE)	Omni Excavators Inc. Washington DC	MBE 32.0%
	Fort Myer Construction Corp. Washington, DC	MBE 4.1%
	Acorn Supply Distribution Inc. White Marsh, MD	WBE 14.9%

**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$ 10,190,671.00
Value of this Change Order:	\$ 1,357,500.00
Cumulative CO Value, including this CO:	\$ 1,852,950.00
Current Contract Value, including this CO:	\$ 12,043,621.00
Original Contract Time:	550 Days (1 Year, 6 Months)
Time extension, this CO:	0 Days
Total CO contract time extension:	0 Days
Contract Start Date (NTP):	12-16-2014
Anticipated Contract Completion Date:	06-17-2016
Cumulative CO % of Original Contract:	18.2%
Contract completion %	86.0%

**Purpose of the Contract:**

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

**Original Contract Scope:**

- Approximately 5.0 miles of water mains and associated valves and appurtenances.
- Copper water services 2-inch and smaller in public and private space.
- 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.
- Permanent pavement and surface restoration.

**Current Change Order Scope:**

An additional 8,100 square yards of Concrete Pavement and 24,500 square yards of Asphalt Surface Mill and Overlay are required to complete the contract work as quantities estimated during design did not take into account the full extent of the work required.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Lowest responsive, responsible bidder
<b>Commodity:</b>	Construction	<b>Contract Number:</b>	140010
<b>Contractor Market:</b>	Open Market		


**BUDGET INFORMATION**

<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Water	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	O2		

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$1,357,500.00
Federal Funds	0.00%	\$0.00
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun County & Potomac Interceptor	0.00%	\$0.00
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$1,357,500.00</b>

  
 Gail Alexander-Reeves  
 Director of Budget  
 Date: 3/10/16

  
 Dan Bae  
 Director of Procurement  
 Date: 3/10/16

  
 Leonard R. Benson  
 Chief Engineer  
 Date: 3-9-16

  
 George S. Hawkins  
 General Manager  
 Date: 3/24/16

**Presented and Adopted: April 7, 2016**  
**SUBJECT: Approval to Execute Contract No. 130170**  
**Ulliman Schutte Construction**

**#16-27**  
**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 7, 2016 upon consideration of a non-joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Contract No. 130170, Ulliman Schutte Construction.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Contract No. 130170, Ulliman Schutte Construction. The purpose of the contract is to build a 2.0 million gallon elevated water tower and approximately 4,000 feet of 24-inch transmission main to resolve an existing pressure deficiency in the historic Anacostia neighborhood. The contract amount is \$13,390,000.

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:**

**Saint Elizabeths Water Tower and Large Diameter Transmission Mains  
(Non-Joint Use)**

Approval to execute a construction contract for \$13,390,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
Ulliman Schutte Construction Company, LLC 7615 Standish Place Rockville, MD	Apex Petroleum Corporation Upper Marlboro, MD MBE	0.1%
	Elite Hauling group, Inc Clinton, MD MBE	0.2%
	Hi-Mark Construction Group, Inc. Baltimore, MD MBE	31.8%
	CMMD Enterprises., Inc Springfield, VA WBE	0.2%
	IDEAL Electrical Supply Corporation Washington, DC WBE	5.9%

**DESCRIPTION AND PURPOSE**

Contract Value, Not-To-Exceed:	\$13,390,000.00
Contract Time:	720 Days (2 Years, 0 Months)
Anticipated Contract Start Date (NTP):	04-15-2016
Anticipated Contract Completion Date:	04-05-2018
Bid Opening Date:	02-10-2016
Bids Received:	4
Other Bids Received:	
Ulliman Schutte Construction Company LLC	\$ 13,390,000.00
W.M. Schlosser Company, Inc.	\$ 15,733,000.00
Fort Myer Construction Corp	\$ 16,790,873.00
Sagres Construction Corporation	\$ 18,757,584.00

**Purpose of the Contract:**

To build a 2.0 million gallon elevated water tower and approximately 4,000 feet of 24-inch transmission main to resolve an existing pressure deficiency in the historic Anacostia neighborhood, improve fire protection and also provide additional storage in the event of emergency.

**Contract Scope:**

- To construct 2.0 million gallon composite-style elevated water storage tower and approximately 4,000 feet of 24-inch ductile iron water transmission main and appurtenances.
- The contract also includes 12-foot wide paved access road construction and demolition of adjacent abandoned apartment building.

**Federal Grant Status:**

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

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Lowest responsive, responsible bidder
<b>Commodity:</b>	Construction	<b>Contract Number:</b>	130170
<b>Contractor Market:</b>	Open Market		

**BUDGET INFORMATION**

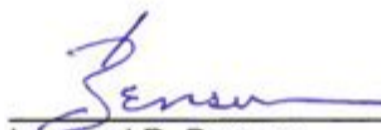
<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Water	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	MA		

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 13,390,000.00
Federal Funds	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	0.00%	\$ 0.00
Fairfax County	0.00%	\$ 0.00
Loudoun County & Potomac Interceptor	0.00%	\$ 0.00
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$ 13,390,000.00</b>

 3/10/16  
 Gail Alexander-Reeves Date  
 Director of Budget

 3/10/16  
 Dan Bae Date  
 Director of Procurement

 3-9-16  
 Leonard R. Benson Date  
 Chief Engineer

 3/30/16  
 George S. Hawkins Date  
 General Manager

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute a Modification to Contract No.  
WAS-10-023-AA-RE, Orcom Solutions, LLC.**

**#16-28  
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 7, 2016 upon consideration of a non-joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute a modification to Contract No. WAS-10-023-AA-RE, Orcom Solutions, LLC.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute a modification to Contract No. WAS-10-023-AA-RE, Orcom Solutions, LLC. The purpose of the contract modification is to issue a Request for Proposal (RFP) for a new Customer Information System (CIS). The mailroom function is part of the RFP that was issued. The RFP is currently under evaluation. The contract modification is for an additional twenty-four (24) month extension in the amount of \$900,000.

This Resolution is effective immediately.

\_\_\_\_\_  
Secretary to the Board of Directors

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

**ACTION REQUESTED**

**GOODS AND SERVICES CONTRACT MODIFICATION**

**Bill Printing and Mailroom Operations  
(Non-Joint Use)**

Approval to execute contract modification for an additional twenty-four(24) month extension in the amount of \$900,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Orcom Solutions, LLC. 250 E. Araphao Road, Suite 100 P.O. Box 852757 Richardson, Texas 75085-2757	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$1,260,000.00
Original Contract Dates:	06-06-2010—06-08-2013
No. of Option Years in Contract:	2
Option Year 1 Value:	\$360,000.00
Option Year 1 Dates:	06-09-2013—06-08-2014
Option Year 2 Value:	\$380,000.00
Option Year 2 Dates:	06-09-2014—06-08-2015
Modification Value:	\$450,000.00
Modification Dates:	06-09-2015—06-08-2016
<b>This Modification Value:</b>	<b>\$900,000.00</b>
<b>This Modification Dates:</b>	<b>06-09-2016—06-08-2018</b>

**Purpose of the Contract:**

To contract for Bill Printing and Mailroom Operations services for the District of Columbia Water and Sewer Authority (DC Water) Department of Customer Care and Operations.

**Original Contract Scope:**

To provide for the printing and mailing of customer bills and other DC Water related publications or notices that are provided to DC Water’s customers.

**Reason for the Change:**

DC Water issued a Request for Proposal (RFP) for a new Customer Information System (CIS). The mailroom function is part of the RFP that was issued. The RFP is currently under evaluation.

**Spending Previous Year:**

Cumulative Contract Value:	06-09-2010 to 06-08-2016: \$2,450,000.00
Cumulative Contract Spending:	06-09-2010 to 03-02-2016: \$1,329,705.41

**Contractor’s Past Performance:**

The contractor’s past performance has been satisfactory.

No LBE/LSBE participation.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Firm Fixed	<b>Award Based On:</b>	Single Proposer
<b>Commodity:</b>	Goods and Services	<b>Contract Number:</b>	WAS-10-023-AA-RE
<b>Contractor Market:</b>	Open Market with Preference Points for LBE and LSBE Participation		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Customer Care
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Lauren Preston


**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$900,000.00
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun County	0.00%	\$0.00
Other (PI)	0.00%	\$0.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$900,000.00</b>

 3/10/16  
 Dan Bae  
 Director of Procurement  
 Date

 3/10/16  
 Gail Alexander-Reeves  
 Director of Budget  
 Date

 3/9/16  
 Charles Kiely  
 Assistant General Manager,  
 Customer Care and Operations  
 Date

 3/24/16  
 George S. Hawkins  
 General Manager  
 Date

**Presented and Adopted: April 7, 2016**

**SUBJECT: Approval to Execute a Modification to Contract No.  
WAS-9087-AA-AB, Orcom Solutions, LLC.**

**#16-29  
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 7, 2016 upon consideration of a non-joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute a modification to Contract No. WAS-9087-AA-AB, Orcom Solutions, LLC.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute a modification to Contract No. WAS-9087-AA-AB, Orcom Solutions, LLC. The purpose of the contract modification is to issue a Request for Proposal (RFP) for a new Customer Information System (CIS). The mailroom function is part of the RFP that was issued. The RFP is currently under evaluation. The contract modification is for an additional twenty-four (24) month extension in the amount of \$3,234,000.

This Resolution is effective immediately.

\_\_\_\_\_  
Secretary to the Board of Directors

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

**ACTION REQUESTED**

**GOODS AND SERVICES CONTRACT MODIFICATION**

**Customer Information System and Implementation Services  
(Non-Joint Use)**

Approval to execute a contract modification for an additional twenty-four (24) month extension in the amount of \$3,234,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Orcom Solutions, LLC. 250 East Arapaho Road, Suite 100 P.O. Box 852757 Richardson, Texas 75085-2757	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$13,400,500.00
Original Contract Dates:	06-26-2000–06-25-2008
Contract Modification Values:	\$1,070,910.00
Contract Modification Dates:	02-23-2001–06-25-2008
Contract Modification Values:	\$12,953,400.00
Contract Modification Dates:	06-26-2008–06-25-2016
<b>Contract Modification Value:</b>	<b>\$3,234,000.00</b>
<b>Contract Modification Date:</b>	<b>06-26-2016–06-25-2018</b>

**Purpose of the Contract:**  
 To contract for integrated customer information system that allows DC Water the ability to offer superior customer service, maintain customer data and service customer accounts.

**Original Contract Scope:**  
 To provide Customer Information System and Implementation (E-CIS) services to ensure effective communication between DC Water and its customers.

**Reason for Change:**  
 DC Water issued a Request for Proposal (RFP) for a new Customer Information System (CIS). The services must continue until the new CIS vendor is selected. The RFP is under evaluation.

**Spending Previous Year:**

Cumulative Contract Value:	06-26-2000 to 06-25-2016: \$27,424,810.00
Cumulative Contract Spending:	06-26-2000 to 02-29-2016: \$24,169,432.40

**Contractor's Past Performance:**  
 The contractor's past performance has been satisfactory.

No LBE/ LSBE participation.

**PROCUREMENT INFORMATION**


<b>Contract Type:</b>	Firm Fixed	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	Customer Information System	<b>Contract Number:</b>	WAS-9087-AA-AB
<b>Contractor Market:</b>	Open Market with Preference Points for LBE and LSBE Participation		


**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Customer Care
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Lauren Preston

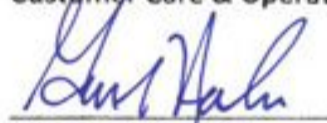
**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$3,234,000.00
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun County	0.00%	\$0.00
Other (PI)	0.00%	\$0.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$3,234,000.00</b>

  
 Dan Bae  
 Director of Procurement  
 Date: 3/10/16

  
 Gail Alexander-Reeves  
 Director of Budget  
 Date: 3/10/16

  
 Charles Kiely  
 Assistant General Manager,  
 Customer Care & Operations  
 Date: 3/9/16

  
 George S. Hawkins  
 General Manager  
 Date: 3/24/16