



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY  
216<sup>th</sup> MEETING OF THE BOARD OF DIRECTORS  
Thursday, January 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 December 3, 2015 Minutes**
- IV. **Chairman's Overview**
- V. **Committee Reports**
  - 1. **Environmental Quality and Sewerage Services Committee (James Patteson)**
  - 2. **Joint Meeting of Environmental Quality and Sewerage Services and Water Quality and Water Services Committees (Rachna Butani)**
  - 3. **Water Quality and Water Services Committee (Rachna Butani)**
  - 4. **D.C. Retail Water and Sewer Rates Committee (Alan Roth)**
- 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 a Supplemental Agreement to DCFA #449-WSA, AECOM Services of DC - Resolution No. 16-00 (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)**
  - 2. **Approval to Execute Contract No. 15-PR-WWT-53A, Carter & Carter – Resolution No. 16-01 (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)**
  - 3. **Approval to Execute Contract No. 15-PR-WWT-53B, PVS – Resolution No. 16-02 (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)**
  - 4. **Approval to Execute Option Year Three of Contract No. WAS 12-029-AA-JR, M. C. Dean, Inc. - Resolution No. 16-03 (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)**

5. [Approval to Execute Option Year Two of Contract No. 14-PR-DIT-01, Advance Digital Systems – Resolution No. 16-04](#) (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)
6. [Approval to Execute Option Year Two of Contract No. 14-PR-DIT-02, IMG, Inc. – Resolution No. 16-05](#) (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)
7. [Approval to Execute Option Year Two of Contract No. 14-PR-DIT-03, Mansai Corporation– Resolution No. 16-06](#) (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)
8. [Approval to Execute Option Year Two of Contract No. 14-PR-DIT-04, Namtra Business Solutions – Resolution No. 16-07](#) (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)
9. [Approval to Execute Option Year Two of Contract No. 14-PR-DIT-05, MVS, Inc. – Resolution No. 16-08](#) (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)
10. [Approval to Execute Option Year Two of Contract No. 14-PR-DIT-06, Mega-Tech – Resolution No. 16-09](#) (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

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

1. [Approval for Notice of Proposed Rulemaking to Establish a New System Availability Fee – Resolution No. 16-10](#) (Recommended by DC Retail Water and Sewer Rates Committee 12/18/15)

**X. Executive Session** – To discuss legal, confidential and privileged matters pursuant to Section 2-575(b)(4) 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)**

- Governance Committee – Wednesday, January 13, 2016 @ 9:00 a.m. (5000 Overlook Avenue, SW)
- Human Resource and Labor Relations Committee (with Union Presidents) – Wednesday, January 13, 2016 @ 11:00 a.m. (5000 Overlook Avenue, SW)
- Environmental Quality and Sewerage Services Committee – Thursday, January 21, 2016 @ 9:30 a.m. (5000 Overlook Avenue, SW)

- Water Quality and Water Services Committees – Thursday, January 21, 2016 @ 11:00 a.m. (5000 Overlook Avenue, SW)
- Audit Committee – Thursday, January 28, 2016 @ 9:30 a.m. (5000 Overlook Avenue, SW)
- Finance and Budget Committee – Thursday, January 28, 2016 @ 11:00 a.m. (5000 Overlook Avenue SW)



**District of Columbia  
Water and Sewer Authority**

**Board of Directors**

**Environmental Quality and Sewerage  
Services Committee**

*Thursday, December 17, 2015*

*9:30 a.m.*

**MEETING MINUTES**

**Committee Members Present**

James Patteson, Chairperson  
Matthew Brown  
Rachna Butani  
Howard Gibbs  
David Lake  
Elisabeth Feldt  
Rev. Kendrick Curry

**DC Water Staff Present**

George Hawkins, CEO and General Manager  
Len Benson, Chief Engineer  
Randy Hayman, General Counsel  
Linda Manley, Secretary to the Board

**I. Call to Order**

Mr. Patteson, Chairperson, called the meeting to order at 9:30 AM.

**II. AWTP STATUS UPDATES**

**1. BPAWTP Performance**

Mr. Aklile Tesfaye, Assistant General Manager for Wastewater Treatment, reported that the monthly average influent flow was 264 MGD. 3.17-inches of precipitation fell during the November reporting period. The enhanced nitrogen removal facility is performing well, producing a low total nitrogen (TN) concentration of 2.76 mg/l. Mr. Tesfaye noted that since the January 1, 2015 EPA-mandated effluent TN limit, the cumulative discharged TN was 2.5 million pounds, which is well below the permit effluent limit of 4,377,580 pounds per year. Overall, plant performance was excellent with 100% permit compliance. Biosolids production was 438 wet tons per day (wtpd).

Mr. Tesfaye commented that the Combined Heat and Power (CHP) facility continues to operate in the commissioning phase with all systems in service undergoing testing and optimization. The average energy generated from CHP was 171 MWH/day or 29% of the 596 MWH/day Blue Plains energy demand as depicted in the revised Blue Plains monthly energy consumption chart. The Committee commented that the revised energy consumption chart was well presented and clearly depicts the energy purchased from Pepco and the energy generated from the CHP facility. The Committee commented that the plant influent flow and the TSS graphs appear to be superimposed. Mr. Tesfaye responded that was a printing error and he will make the correction.

### **III. UPDATES: POTOMAC INTERCEPTOR SEWER**

#### **1. Odor Abatement Project**

Ms. Liliana Maldonado, Director of Engineering and Technical Services (DETS), noted that starting January 2016, the Potomac Interceptor (PI) Long-Term Odor Abatement project status report will be dropped from the monthly committee agenda given that construction is past substantial completion at all six sites. Ms. Maldonado explained that updates will be provided as necessary to keep the committee informed of any PI-related issues.

Ms. Maldonado reported that the blended media has been installed at three of the six sites and that the media at the other three sites will continue to be monitored and replaced with the blended media when the useful life of the existing media has been reached. The Committee asked how the odor is monitored and whether there is an early detection device/system that can be installed. Mr. Maldonado responded that an early or continuous detection device is not installed; however, the sites are monitored weekly. Ms. Maldonado indicated that there are sampling ports upstream and downstream of the odor control system to take off-gas samples prior to and post-treatment.

Ms. Maldonado noted that, based on lessons learned from the investigation of recent odors reported at Site 27 shortly after media replacement, dampers will be installed at five of six sites to control the air flow through the odor control system so it remains within the range originally intended in the design. The Committee asked when the dampers will be installed. Ms. Maldonado responded the dampers will be delivered in January 2016 and installed as soon as possible thereafter. Ms. Maldonado noted that there will be a meeting with the Operating Departments in January 2016 to discuss operations and maintenance recommendations for optimal operation of the PI odor control system.

### **IV. WASTEWATER SERVICE AREA PROGRAM MANAGEMENT UPDATE**

Mr. Len Benson, Chief Engineer, introduced Ms. Diala Dandach, Supervisor Blue Plains Program Management, to provide an update of the wastewater treatment program management (WTPM) contract and the Phase 1 accomplishments. Ms. Dandach noted that the WTPM is a six year contract that was approved by the Board in November 1, 2012 and funded in two phases. Phase 1 received a notice to proceed in January 2013. Ms. Dandach explained Phase 1 consists of traditional and non-traditional program management tasks with accomplishments summarized on pages 21 and 22 of the EQSS committee report. Ms. Dandach noted that the program tasks are authorized based on an approved annual work plan that is updated each year. Ms. Dandach noted Phase 2 of the WTPM contract is a continuation of the Phase 1 services that are summarized in page 23 of the committee report with an anticipated notice to proceed in January 2016.

Ms. Dandach noted that in addition to the continuation of Phase 1 services, the Biosolids program, all instrumentation and process control work and asset management support at Blue Plains will be consolidated under Phase 2. The Committee inquired as to details on the asset management work to be included in this contract and how it might relate to the Asset Management Program (AMP) work. Ms. Dandach responded that the asset management work in this contract is to implement many of the processes developed in the AMP for the wastewater treatment assets and to align this analysis with the CIP development and prioritization efforts. The Committee asked if there is diagram that illustrates the relationship between the program management (PM) consultant as it pertains to the multiple construction contracts under way and various delivery

methods being applied such as design-bid-build (DBB), design build(DB) and design-build-operate (DBO).. Ms. Dandach responded that a diagram can be provided illustrating the relationship between the various contracts and delivery methods and that in essence the Program Manager personnel function as extension of DC Water staff, supporting DC Water with oversight of the different projects and contracts being delivered and providing technical expertise as needed. The Committee asked if the PM consultant is involved in coordinating the multiple contracts underway. Ms. Dandach responded that a special logistics task force was developed in Phase 1 of the WTPM contract in response to the need to coordinate the multiple simultaneous construction contracts to be implemented. The task force consisted of representatives from DC Water (design and construction) and the PM/CM consultants; however, many of the future Blue Plains projects will be smaller and the need for the logistics task force will slowly diminish during Phase 2.

The Committee inquired if the PM consultant is involved in managing the rolling owner controlled insurance program (ROCIP). Ms. Dandach responded that during the design phase of projects managed by the PM consultant, a ROCIP review is conducted to ensure compliance with ROCIP requirements and that any necessary changes identified via this review are incorporated in the design documents before finalization. The Committee asked for an explanation of the role of the PM consultant in risk management and analysis. Ms. Dandach explained that a risk assessment is initiated at the concept phase of projects and that the recommendations from this assessment are factored into the execution, contract packaging and project delivery decisions made throughout the project/design development phase. Mr. Benson highlighted that the WTPM provides seamless integration and coordination among DETS, the Department of Wastewater Treatment (DWT) and Process Engineering by accessing subject matter experts (SME) to augment DC Water technical staff expertise to tackle any needs or challenges that arise. The Committee inquired as to the metrics used to determine whether Phase 1 was successful. Ms. Dandach responded that performance reviews are conducted annually by evaluating the completed deliverables outlined in the annual work plan. Additionally, timeliness of deliverables, budget adherence, accuracy and quality of deliverables (e.g. design errors and omission), are evaluated and scored in the annual performance review.

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

1. Contract No. DCFA #449 – AECOM Services of DC
2. Contract No. 15-PR-WWT-53A, Carter & Carter
3. Contract No. 15-PR-WWT-53B, PVS Technology
4. Contract No. WAS-12-029-AA-JR, M.C Dean, Inc.
5. Contract No. 14-PR-DIT-01, Advanced Digital Systems
6. Contract No. 14-PR-DIT-02, IMG
7. Contract No. 14-PR-DIT-03, Mansai Corporation
8. Contract No. 14-PR-DIT-04, Mega-Tech
9. Contract No. 14-PR-DIT-05, MVS
10. Contract No. 14-PR-DIT-06, Namtra

Mr. Len Benson, Chief Engineer, presented action item 1 and Mr. Dan Bae, Director Procurement, presented action items 2 through 10.

Action Item 1 is a request to execute a supplemental agreement for Phase 2 of the WTPM contract to provide continuing professional engineering, program management, and technical services. The Committee asked about the current Phase 1 expenditure. Mr. Benson responded that \$54.5

million has been expended of the \$63 million original contract value and that he anticipates that the remaining contract budget will be exhausted by January 2016. The Committee asked as to the addition of Brown and Caldwell to the sub-consultants listed in the fact sheet. Mr. Benson responded that Brown and Caldwell was previously the Biosolids program manager and has since been added to the WTPM Phase 2 supplemental agreement because the remaining Biosolids Program responsibilities have been merged in to a single program under the WTPM contract.

Action Item 2 is a request to execute a contract for the supply and delivery of ferric chloride. Mr. Bae explained that a single invitation for bid (IFB) was advertised to select two vendors to provide DC Water with two distinct ferric chloride supply sources. Mr. Bae noted that Carter and Carter (action item 2) was selected to provide 70% of the ferric chloride needed and PVS Technology (action item 3) was selected to provide 30%. The Committee inquired as to the contract clause that would enable DC Water to shift the supply percentage from one vendor to the other and what would trigger the clause. Mr. Bae responded that quality of the product, timeliness of the supply, and customer service are criteria that would be used to determine how much each vendor would provide for a given request, and noted that repetitive issues with product quality would had to have occurred for DC Water to activate the “notice of performance failure” clause in the contract.

The Committee requested that the contract to be reviewed by the Office of the General Counsel (OGC) to ensure the language is clear and defines “performance failure” appropriately to achieve the goals, objectives, and flexibility needed for DC Water in sourcing the ferric chloride. The Committee inquired as to how the 70/30 supply split was derived between the two selected vendors. Mr. Bae responded the split was based on the purchase of 50% of the available capacity from each vendor; Carter and Carter had a larger ferric chloride capacity than PVS Technology.

Action Item 3 is a request to execute a contract for the supply and delivery of ferric chloride. Details of the request were discussed in action item 2 above.

Action Item 4 is a request to execute option year 3 for electrical power distribution equipment for the annual maintenance of high- and low-voltage switchgear throughout DC Water facilities.

Action Item 5 is a request to execute option year 2 for information technology to implement and support the enterprise document management system, Lan/Wan and Help Desk.

Action Item 6 is a request to execute option year 2 for information technology services to provide SCADA and Lan/Wan support.

Action Item 7 is a request to execute option year 2 for information technology services to provide enterprise systems and Help Desk support.

Action Item 8 is a request to execute option year 2 for information technology services for Maximo, GIS Systems, and Help Desk support.

Action Item 9 is a request to execute option year 2 for information technology services for network/data operations, engineering, Oracle DBA and Help Desk support.

Action Item 10 is a request to execute option year 2 for information technology services for Maximo, Enterprise and Lan/Wan systems. The Committee asked as to the difference between the Maximo support work under action items 8 and 10. Mr. Bae responded that one contract is for Help Desk support related to Maximo and the other is for technical customization and support.

The Committee will recommend the action items to the full Board. Ms. Butani recused herself from weighing in on Action Items 2 and 3.

## **VI. CLEAN RIVERS PROJECT STATUS UPDATE**

Mr. Carlton Ray, Director Clean Rivers, commented that the update will focus on a summary overview of the Anacostia River Projects (slide 3) and that the Clean Rivers project specifics could be read individually by Committee members due to time constraints. Mr. Ray reported that the tunnels from RFK Stadium down to Blue Plains are on track to be completed by March 23, 2018. Mr. Ray noted that the Blue Plains Tunnel has been completed. Mr. Ray reported that the NE Boundary Tunnel (NEBT) is in the procurement stage. Completion of the mining operations at the First Street Tunnel is anticipated by December 23, 2015 with a target project completion timeframe of Spring 2016. Mr. Ray explained that the First Street Tunnel is part of the Bloomingdale flood control strategy, whereas the tunnel will be utilized as a storage reservoir to alleviate neighborhood flooding until the NEBT is completed. Mr. Ray explained that after a storm/rainfall event occurs and flows in the sewers have subsided, the contents stored in the First Street Tunnel will be pumped from the reservoir into the sewer. The Committee inquired about the Consent Decree dates versus the commitment dates depicted in the Anacostia River Project schedules shown in the presentation materials. Mr. Hawkins responded that December 2022 is a DC Water commitment date and that the Consent Decree requirement to place the NEBT in operation continues to be March 2025.

Mr. Ray reported that the Kennedy Center is planning an expansion that would result in their facility being constructed over DC Water's trunk sewers and structures. Mr. Ray noted that the expansion would be built over the sewer to CSO 021 (slide 7), which handles over 70% of the CSO volume that discharges into the Potomac River. Mr. Ray noted that capturing the flow to CSO 021 is essential to comply with the Consent Decree. Mr. Ray explained that instead of waiting until after the Kennedy Center expansion occurs and in order to minimize the risks, cost, and disruption to the Kennedy Center operations, it was determined that it would be in the interest of both parties to coordinate with their existing contractor to construct the CSO 021 facility during the Kennedy Center expansion. The Committee asked whether there was a proffer requirement for the Kennedy Center to pay for the proposed CSO 021 facility. Mr. Ray responded that no proffer exists between the Kennedy Center and DC Water.

Mr. Ray noted DC Water will negotiate easements for the existing and future sewers as part of the agreement with the Kennedy Center. Mr. Ray explained that the procurement approach is outlined in slide 10 and the intent is to have a contract with Davis (the Kennedy Center's contractor) that will include compliance with DC Water's contract requirements. Mr. Ray highlighted the benefits of the approach (slide 11) and noted the additional benefit of using the Kennedy Center's environmental assessment (EA) and modifying the EA document to provide for access off the Rock Creek Parkway, which is necessary for the proposed CSO 021 facility construction. Mr. Ray reported that a contract with Davis will be presented to the Committee in about 2 months.

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

None.



## **VIII. EXECUTIVE SESSION**

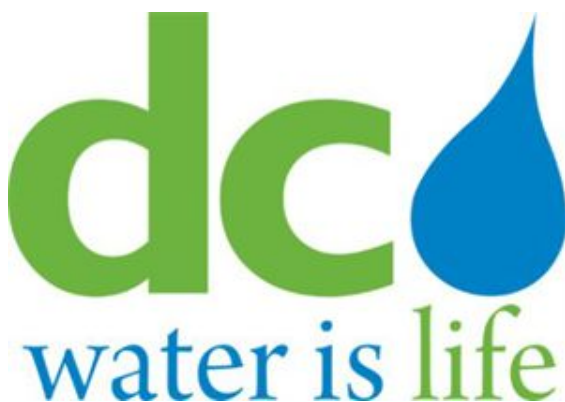
An executive session was held.

## **IX. ADJOURNMENT**

The meeting was adjourned at 10:50am.

### **Follow-up Items**

1. Correct the plant influent flow and TSS graphs.
2. Provide a diagram illustrating the relationship between the WTPM and the various contracts and delivery methods (DBB, DB and DBO) being used for the Blue Plains program.
3. OGC will review the Ferric Chloride contracts to ensure that the language is clear and defines when the clause to reduce/increase the supply to be provided by each vendor can be triggered.



**Water and Sewer Authority**

**Board of Directors**

**Joint Meeting of Environmental Quality  
and Sewerage Services and Water  
Quality and Water Services Committees**

*Thursday, December 17, 2015*

*9:30 a.m.*

**MEETING MINUTES**

**District of Columbia**

**Committee Members Present**

Rachna Butani, Chairperson  
Matthew Brown  
Howard Gibbs  
Elisabeth Feldt  
Alan Roth

**DC Water Staff Present**

George Hawkins, CEO and General Manager  
Len Benson, Chief Engineer  
Randy Hayman, General Counsel  
Linda Manley, Secretary to the Board

**I. Call to Order**

Ms. Butani, Chairperson, called the meeting to order at 11:07 AM.

**II. DEVELOPING PROGRESS UPDATES – DC WATER ART**

Ms. Christine DeBarbadillo, Director Clean Water and Technology, explained that the basis for the Advancing Research and Technology (ART) offering is to leverage the significant capability in research and feasibility testing that has been developed at DC Water in support of the CIP efforts. Ms. DeBarbadillo noted that other utilities and engineering firms are interested in the specialized testing and expertise that DC Water has developed and they are willing to pay for these services.

Ms. DeBarbadillo explained that the ART service offering is for high-quality, cutting-edge laboratory services and/or pilot testing; it is not to provide commodity laboratory services. Ms. DeBarbadillo noted that the intent of the initial offering is to only conduct specialized testing and interpretation of results; it is not to take on any engineering design liabilities. The Committee commented that the services provided must be clearly defined so that DC Water does not assume any engineering liability from the testing and/or interpretation of the results. Ms. DeBarbadillo responded that close attention will be paid to ensure that no design recommendations are provided.

Ms. DeBarbadillo explained that QA/QC standards are being developed to ensure compliance with industry standards, such as EPA Standard Methods. Ms. DeBarbadillo reported that supporting documents prepared to date include pricing strategies, methodology for tracking labor hours, marketing strategies, and resumes for key personnel given that DC Water staff are being asked to serve on expert/technical panels.

Ms. DeBarbadillo presented follow up items from the June 18, 2015 Joint Committee meeting. Ms. DeBarbadillo explained that two of these items would be discussed in the follow up executive session. Ms. DeBarbadillo reported that, in response to the third action item, the ART program team has developed nine supporting documents consisting of: Business Plan; Legal Sufficiency; Taxability Analysis; Insurance Analysis; Contract Template; Marketing Materials; Invoicing; Accounting; and Conflict of Interest Policy.

### **III. EXECUTIVE SESSION**

An executive session was held.

### **IV. ADJOURNMENT**

The meeting was adjourned at 11:20am.

#### **Follow-up Items**

1. None



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

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

**MEETING MINUTES  
THURSDAY, DECEMBER 17, 2015**

**Present Board Members**

Rachna Butani, Committee Chair  
Matthew Brown, Board Chairman  
Alan Roth  
Howard Gibbs

**Present D.C. Water Staff**

George Hawkins, General Manager  
Randy Hayman, General Counsel  
Charles Kiely, Assistant General Manager  
for Customer Care and Operations  
Linda Manley, Secretary to the Board

**I. Call to Order**

Ms. Butani called the meeting to order at 11:30 a.m.

**II. 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 November and so far in December. That is always good news.

**B. Lead and Copper Rule Monitoring**

For Lead and Copper Rule Monitoring Mr. Kiely stated that 110 samples have been analyzed to date and they are again at historical lows. He indicated that the year will be finished at 3.7 parts per billion. They will continue the process and the report will be filed with the U.S. Environmental Protection Agency (EPA) on January 9, 2016. Mr. Kiely noted that they have done very good this year.

Mr. Gibbs asked Mr. Kiely about the frequency of reporting which is now every six months and if EPA has come up yet with new rules and regulations. Mr. Kiely said that EPA has no yet issued its new rules. He believes that with the exception of twice yearly reporting done by D.C. Water

does on a voluntary basis, EPA will adopt mostly everything else that D.C. Water is doing. As soon as the new rules are certified, Mr. Kiely assured the Committee that they will conform to them. He noted that he expects them to finalized shortly.

### **III. Fire Hydrant Upgrade Program**

Mr. Kiely reported that they are again continuing with historical lows in the number of fire hydrant out of service, now at .45 percent. This is far below the 1 percent set by the Board. He noted that they will shut down regarding hydrant maintenance for repair and replacements and switch over to winter operations. Their primary goal is to make sure the system is dry. If there are other hydrant leaks or other emergencies, they will revert resources to do that. Mr. Kiely reported that generally they shut down in December on the Fire Hydrant Upgrade Program and pick up again when the weather changes somewhere around March 15. He stated that the Committee may see an uptick in hydrant reporting in the next month or two.

Ms. Butani asked if there is anything on the map that is significant. She asked that they design a better map that is more legible. Mr. Kiely agreed and stated that they will work on that for 2016. They will continue to coordinate regularly with the Fire Department and Emergency Management Services.

Mr. Roth congratulated them for getting the 120 day out of service hydrants numbers down and even the 90 days. Mr. Kiely stated that they have brought those resources in house, instead of contracting for them. He noted that this is a reflection of the people doing the work.

### **IV. Emergency Management Multi-Agency Functional Exercise**

Mr. Kiely stated that he was on the agenda to make this presentation but would defer to Jonathan Reeves, Manager of the D.C. Water Office of Emergency Management. Mr. Hawkins reported that Mr. Reeves was the 2014 winner of the GM's Employee Performance of the Year award.

Mr. Reeves stated that they are in the middle of their first Multi-Agency Functional Exercise. This is the first time D.C. Water has actively engaged the federal/local utility partners, including the District, and done a physical field exercise. Mr. Reeves stated that they activated the incident management team that created an incident action plan. They met on December 17 with about 14 external agencies who are out in D.C. Water's system sampling. Those samples will be returned back to six laboratories, including the EPA Fort Meade Facility. Testing will be done on standardized samples and the result will be compared.

Mr. Reeves said they have full participation from all D.C. Water departments—Engineering, Water Services, etc. They implemented a full incident management team and that is about 25 people, including legal people. Mr. Reeves reported that they have the external stakeholders, including the Aqueduct, EPA Region III, and the water security people from EPA Headquarters sent to observe. EPA is planning a national level roll out of an incident management team in utilities and think D.C. Water has one of the best models in the country. Participating are also the City's Emergency Management agencies and the Civil Support Team, which the City's final

line of chemical and biological response. Mr. Reeves stated that they come out of the National Guard.

Mr. Reeves reported that they are trying to achieve documentation management. He stated that here at D.C. Water everyone does an excellent job of operationally responding but some of the past challenges have been around documentation and tracking of information. That was one of their chief objectives of the exercise. Mr. Reeves indicated that they have so far been very successful in making sure the information has been tracked and developed. He stated that they also wanted to make sure they could deploy external resources into the City to support a contamination event.

Ms. Butani asked if objective of the exercise was to make sure the processes were under control and if it was about testing—getting all the stakeholders together that are involved in testing. Mr. Reeves replied that it is about more than testing and is a real-time event. The pipes got moved around, the documents created were sent to the departments, and the financial information was forwarded to Finance. The data that they provided back was real-time data. What happens during these three days will actually happened during an event. There were very few pieces that were simulated and most of that was with external agencies. Mr. Kiely stated that most utilities and agencies do desktop exercises and go off in a room and simulate all this. This was a real-time event. The samples tie into what they suspected last year about a possible contamination of fuel within the distribution system. They had some struggles with the external partners that they described to the Board earlier, specifically with the laboratories, Department of Health, and CDC. That is being simulated in this exercise. If those problems earlier identified are successful here, it will show that these challenges have been corrected.

Mr. Hawkins agreed that this was a very important exercise because the next time there is an incident the partners will all know how to handle everything. Participating in the exercise is an infrastructure reporter for the Washington Post, Ms. Schaefer, who has been monitoring a lot of this because D.C. Water wants her to see what is being done and what, where, and how it is monitored. She may do an article about this in the Post but even if she does not, this will raise her knowledge and the partners' performance.

## **V. Other Business**

Ms. Butani stated that the General Manager informed her that consideration of the Fort Meyer contract would be postponed until the Committee's next meeting. The purpose is that Management wants to come and brief the Board on how most contracts are overseen and managed. She indicated that there have been a couple of issues that she and Alan Roth have brought to the Board's attention where it seems like the projects had gone well beyond the scope of time and were contributing to concerns by the community. Ms. Butani asked Mr. Roth to speak about what his issues were so that Management clearly understands them.

Mr. Hawkins indicated that they want to do it in three stages. One is a general presentation about how the contracts are managed, good and bad. They will take some of those concerns brought to their attention by the Board in the last few weeks and then they will discuss the specific Fort Meyer contract after that. He stated that they regularly update the Environmental Quality and Sewerage Services Committee regularly on the whole Capital Program and they

want to do the same with this Committee. Mr. Hawkins said that he wants to propose that they come to the Committee and update on the contract work being done on water and sewer, District only. He indicated that he will talk to the Committee more about this later. Mr. Hawkins stated that Mr. Roth has raised very serious allegations and that they want to address them with the Committee as soon as their investigation is completed. They are going to come back and present how the contracts are managed. He apologized to Mr. Roth for not having contacted him to discuss his concerns earlier but indicated that they will do their fact finding, investigate what has occurred, and then respond. Ms. Butani said that they will look forward to the presentation. She notified Linda Manley that they will have the January meeting in-person. Ms. Butani asked the Committee members to respond to the email so that they know it has been received. Since Mr. Roth will be unable to attend the January meeting, Ms. Butani stated that she will ask plenty of questions but asked him to call in, if possible.

Ms. Butani asked the Committee members if they had other questions or concerns. There being none, she adjourned the meeting at 12:15 p.m.



**DISTRICT OF COLUMBIA  
WATER AND SEWER AUTHORITY**

**Board of Directors**

*DC Retail Water and Sewer Rates Committee*

Friday, December 18, 2015

9:30 a.m.

**MEETING MINUTES**

**Committee Members via Conference Call**

Alan Roth, Chairperson  
Matthew Brown  
Rachna Butani  
Howard Gibbs  
Kendrick Curry  
Ellen Boardman  
Ana Harvey

**DC Water Staff**

George Hawkins, General Manager  
Mark Kim, Chief Financial Officer  
Randy Hayman, General Counsel  
Alfonzo Kilgore Stukes, Executive Assistant  
Syed Khalil, Financial Planning Manager  
Brian McDermott, Director Permit Operations

**Consultant via Conference Call**

Jon Davis, Raftelis Financial Consultants, Inc.

**Call to Order**

Chairman Roth called the DC Retail Water and Sewer Rates Committee meeting to order at 9:33 a.m.

**System Availability Fee Update (Attachment A)**

Mr. Kim briefed the Committee on a proposed System Availability Fee (SAF). He stated that this fee was previously presented to the Committee as a proposed “Development Impact Fee” and, based upon comments received from the Committee, has been revised accordingly and renamed the System Availability Fee. Mr. Hope noted that the SAF is required to go through a Rulemaking Process, which requires Public Notice but not a Public Hearing.

Mr. Kim stated that many utilities have implemented a similar fee assessed to new development (or redevelopment of existing properties) to recover prior investments in available excess system capacity. The proposed SAF will be assessed to recover costs specifically associated with:

- Water supply and treatment;
- Water storage and distribution;
- Wastewater and stormwater conveyance; and
- Wastewater treatment.

He further noted that the proposed SAF is designed to recover the proportionate share of system costs for new developments or redevelopments and is based upon meter size and average consumption.



Mr. Kim explained that the recently adopted Water System Replacement Fee (WSRF) is a recurring monthly fee, which is prospective and charged to all existing customers to help defray and recover the cost of ongoing maintenance and replacement of the District's water distribution system. In contrast, the proposed SAF is a one-time retrospective fee that would be assessed to new customers (or existing customers expanding their service) to recover the prior investments made by DC Water in trunk and treatment assets that have created the excess capacity to serve future customers (or increased demand).

The SAF would be assessed for any new premise, building or structure that requires a metered water service connection to the Authority's potable water and/or sanitary sewer systems. It would also be assessed for renovation or redevelopment projects for any premise, building or structure that requires a metered water service connection to the Authority's potable water and/or sanitary sewer systems.

Mr. Gibbs asked if the funds collected from the SAF would be targeted for a specific use or flow to the General Fund. Mr. Kim stated that SAF revenues have not been incorporated into the FY 2016 or FY 2017 budgets and recommended that the Authority gather at least a year's worth of collections data in order to project more accurate estimates of future SAF revenues. He noted that the Authority's intent is to incorporate SAF revenues into future budgets, which would eventually flow into the Authority's General Fund.

Mr. Roth asked Mr. Kim to explain how assessing this "retrospective fee" on future customers to recover monies already paid by customers in the past did not constitute a double recovery by the Authority – or how, even if the monies are used to lower future rates, the beneficiaries would end up being different customers than those who previously paid the monies in through their past water and sewer rates. Mr. Kim and Mr. Davis responded that Mr. Roth's questions raised important policy issues related to rate setting theory and practice for the industry. The fee is premised on the basis that over time and across customers, the SAF is designed to achieve a fair and equitable balance between the investments made by prior customers to serve future customers even if a particular customer may leave the system and no longer benefit from lower future rates. The WSRF is designed to address the Authority's future system needs; and, together with the SAF, these fees do not constitute a double recovery as they address different types of capital investments made at different times.

Mr. Kim exhibited the slide showing the proposed SAF schedule. Residential customer accounts with a 1" inch or smaller meter size will be charged a one-time fee of \$3,944, whereas the Multi-Family and Non-Residential customer accounts with a 1" inch or smaller meter size will be charged a fee of \$4,455. The higher fee for Multi-Family and Non-Residential customer accounts is based upon the higher estimated usage of these customer classes compared to Residential customers for the same size meter.

Mr. Roth inquired whether in light of the Board's experience this past summer in discovering that many recently built but relatively modest single-family townhomes have 2" meters for fire suppression per DC Code requirements, the proposed fee schedule could be creating a problem by expecting a developer to pay nearly ten times (\$38,661) what it costs a residential customer with a 1" meter. Mr. McDermott, Director of Permit Operations, responded to Mr. Roth's question and explained that the proposed SAF regulations take into account the DC Code requirements for fire suppression and that the fee is only based upon peak demand. Mr. McDermott noted that the proposed subsection 112.11(c) reads: "[t]he SAF meter size shall be computed for the peak water demand, excluding fire demand."

Mr. Kim presented a slide comparing the proposed SAF with what other utilities charge across the region and concluded that the Authority's proposed SAF is lower, and in most instances significantly lower, than the current fees assessed by nearly every other regional utility for Residential and Non-Residential customers. He noted that the fee comparisons were based on meter size and noted that some utilities do not publish the fee for larger accounts or scale the fee differently. In addition, Mr. Kim noted that WSSC is not included in the chart because its fee is based upon number of fixtures and not meter size.

Mr. Kim referred the Committee to the "Sample System Availability Fee" slide showing various development and redevelopment scenarios, and then explained the calculation of the SAF with credits for removed capacity.

Mr. Kim noted that the preliminary SAF revenue projections of \$7.7 million were internal estimates only and based on the historic number of new permits issued less a projected allowance for redevelopment credits.

Mr. Roth asked if DC Water could consider exempting non-profit or charitable organizations from the SAF. Mr. Hope stated that under the statute, DC Water has the authority to consider various proposals for exemptions. The Committee discussed at length the possibility of providing exemptions for certain types of charitable organizations and other 501(c)(3) nonprofits. The committee agreed to revise the SAF resolution to incorporate in the request for comments on the proposed regulations a specific request for comments on a proposal to provide exemptions for charitable organizations and affordable housing.

### **Action Item (Attachment B)**

Mr. Kim referred the Committee to the following action item.

#### **Action Item #1:**

The Committee recommended adoption of SAF for the Board approval:

- Approval of Proposed System Availability Fee (SAF) effective April 1, 2016

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

Mr. Kim briefly updated the Committee on the FY 2016 Proposed DC Retail Rates Committee Workplan.

### **Other Business**

No other business

### **Executive Session**

No executive session

### **Agenda for January 26, 2016 Committee Meeting (Attachment D)**

Mr. Kim indicated that he anticipated no new business that would require a January meeting. The Committee agreed to cancel the January 26, 2016 meeting.

### **Adjournment**

The meeting was adjourned at 10:47 a.m.

### **FOLLOW-UP ITEMS – DC Retail Water and Sewer Rates Committee Meeting (December 18, 2015)**

1. Revise the SAF resolution to incorporate in the request for comments on the proposed regulations a specific request for comments on a proposal to provide exemptions for charitable organizations and affordable housing. (Mr. Roth) Status: January 2016



MANAGER'S

ry 2016

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**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 wish a happy and healthy New Year to the Board for 2016. The past year was one for the record books at DC Water, and we will work hard to up our game in this coming year.

### **Pepco-Exelon Merger**

The proposed merger between Pepco and Exelon has been prominent in the news in recent months, with many major groups taking significant positions both for and against the merger. DC Water has been a party to the merger proceedings before the DC Public Service Commission and recently agreed to join a settlement negotiated by Mayor Bowser's office. A word of explanation is in order.

The proposed merger between Exelon and Pepco must be approved by the public service commissions in each of the jurisdictions where the Pepco group of companies provides services. Currently, the PSC's of all the relevant jurisdictions have approved the merger except for the DC Public Service Commission, which rejected the merger as not in the public interest in August. DC Water had joined the parties challenging the merger, seeking primarily to resolve or clarify two relatively narrow yet important issues that have been on our agenda with Pepco for some period of time:

- a) reduce the degree to which Pepco's commercial customers subsidize their residential customers, within the context that DC Water is classified as a commercial customer but passes through these additional costs to our mostly residential rate base (this is the same issue that is currently being highlighted by the federal General Services Administration which is also classified as a commercial customer), and
- b) clarify how additional costs associated with the DC PLUG program (undergrounding powerlines) will be handled if DC Water infrastructure needs to be moved or altered, within the context that DC Water pays for 100% of the costs if our Clean Rivers program requires Pepco infrastructure to be moved. Yet, there has been discussion that DC Water ratepayers will be asked to pay 50% of the costs of moving our infrastructure, as is the standard practice in the context of DDOT road projects.

DC Water also has concerns about the reliability of service after the merger and in the capacity of the merged company to provide the sort of agreements necessary to foster solar power generation.

DC Water did not support the merger as initially proposed and agreed with the DC PSC's decision in August. As most are aware, the Mayor's office entered into negotiations with Pepco/Exelon in the months following the rejection. These negotiations heated up at the end of September and the first week of October – culminating in an intense final process over the weekend of October 3-4. Director Tommy Wells of DOEE was the lead negotiator, although the City Administrator was also directly involved. In short, DC Water was asked to join in a settlement by many (but not all) of the opposing parties and was offered two direct benefits and several general benefits. The general benefits were commitments by Pepco/Exelon a) to improve on pre-existing reliability targets with the DC PSC, b) to improve the process of providing interconnection agreements for solar power, and c) to support the development of microgrids in the District. The specific commitments for DC Water are:

- a) to provide \$2 million in funding to support our Green Infrastructure job development program, as long as this funding supports efforts above and beyond what we have already committed to the District under our existing GI MOU; and

## Message from the CEO/GM

b) to support the development of a 5 MW solar installation at Blue Plains.

There has been some commentary, including recent questions raised by Council Member Cheh, about whether DC Water should have joined this settlement. In short, I was presented with a decision to join the settlement and receive some specific benefits for DC Water ratepayers and work with the Mayor's office, or to reject the settlement, receive no benefits from the settlement, and reject a request to work in tandem on a priority of the Mayor. I chose the former, in part again on the perspective that we had joined the case to focus on narrow issues, and have not engaged on the larger policy issues surrounding the merger. I continue to believe I made the right decision and will consult with the Board Chair to determine which Committee should gain a more detailed briefing on this issue.

### **DC Water Emergency Management**

For the past three months, DC Water's Office of Emergency Management has facilitated and directed training and exercises to support our staff in learning the incident command structure (ICS) and emergency management procedures. This training included ICS 100, 200, 300, and 400 level courses in October and culminated in the multi-agency functional exercise conducted on December 16-18 at our Bryant Street facility and throughout the District. The Washington Post covered this exercise and the article is available at [www.washingtonpost.com/local/dc-water-utility-steps-up-emergency-planning-with-contamination-drill/2015/12/17/21690adc-a37c-11e5-9c4e-be37f66848bb\\_story.html](http://www.washingtonpost.com/local/dc-water-utility-steps-up-emergency-planning-with-contamination-drill/2015/12/17/21690adc-a37c-11e5-9c4e-be37f66848bb_story.html). Agencies and local partners that participated in this DC Water exercise included EPA Region III Lab, Washington Aqueduct, Civil Support Team, DC FEMS HazMat Team, Department of Forensic Sciences, Fairfax County, WSSC, Prince William County, HSEMA, Department of Energy and Environment, Civil Support Team, Fire and Emergency Medical Services, Council of Governments, and EPA HQ. The exercise evaluators included Homeland Security and Emergency Management Agency (HSEMA), Horsley Witten, and Arcadis. The exercise simulated a water contamination incident in the District and the response actions to this incident were done as if this exercise was an actual event. Overall, the multi-agency exercise was a great success and the lessons learned will only serve to help our response efforts to an actual event in the future.

### **External Affairs**

Website:       Session totals for the period of November 16 through December 15, 2015  
                   Total Sessions:   67,207  
                   New Sessions:     35,792

### *Government Relations*

On December 18, 2015, the U.S. Congress passed an omnibus spending bill for Fiscal Year 2016 that includes \$14 million for the Clean Rivers Project. The President proposed \$24.3 million in his request to Congress, but the appropriated amount is in line with DC Water's federal payments for the last three years. Given spending constraints in Congress, flat funding should be seen as a victory.

The omnibus bill also included small reductions to EPA's Clean Water and Drinking Water State Revolving Fund grants. The exact reduction to the District of Columbia accounts are not yet known. On a positive note, the bill includes a five-year extension to the Solar Investment Tax

## Message from the CEO/GM

Credits which could make a solar installation at Blue Plains more attractive to potential installers.

On Monday December 14, 2015 General Manager and CEO George Hawkins testified before the DC Council's Committee on Transportation and the Environment regarding the Pepco Exelon settlement agreement. The hearing was chaired by Ward 3 Councilmember Mary Cheh and attended by At-Large Councilmember Elissa Silverman. DC Water's testimony focused on the benefits the potential settlement agreement would provide to DC Water. Those benefits include improved reliability standards, funding for green infrastructure workforce development, and a potential 5 megawatt solar installation at Blue Plains.

### *Media Relations*

- The Bailey Bioenergy Facility reaped continued international coverage, with two or more media tours per week. *Agence France Presse* covered the story, which aired in Europe during the climate convention in Paris. *Voice of America* toured the plant and interviewed Mr. Hawkins and Chris Peot for an international story. *Univision* toured the plant and conducted an interview in Spanish with Ryu Suzuki for a national/international story in Spanish. *People's Television* is working with the Nature Conservancy on a documentary about the water cycle and the value of water. OEA organized a sewer entry with SAM 101 in November and they returned to film the bioenergy facilities a couple weeks later. *climateNexus* also came and did an on-camera interview with Bill Brower.
- George Hawkins graced the cover of the November/December issue of the new print magazine *Municipal Water Leader*.

### Press Releases

- Road Closure On Barry Road and Eaton Road Begins November 24
- DC Water Sues EPA to Correct Technical Mistakes in Recent Regulatory Action
- Please Help Keep Leaves Out of Catch Basins
- DC Water Expands Walk-in Payment Options
- DC Water leads multi-agency functional exercise for emergency management
- Gresham Place NW Road Closure Begins On or About November 23

### Media Coverage

- *Washington Post*: D.C. Water steps up emergency planning with contamination drill  
[www.washingtonpost.com/local/dc-water-utility-steps-up-emergency-planning-with-contamination-drill/2015/12/17/21690adc-a37c-11e5-9c4e-be37f66848bb\\_story.html](http://www.washingtonpost.com/local/dc-water-utility-steps-up-emergency-planning-with-contamination-drill/2015/12/17/21690adc-a37c-11e5-9c4e-be37f66848bb_story.html)
- EG Tour of Blue Plains  
<http://everybodygrows.org/eg-tour-of-blue-plains/>
- Fighting climate change with 'poop power'  
[www.weekender.bworldonline.com/2015/12/04/fighting-climate-change-with-poop-power/](http://www.weekender.bworldonline.com/2015/12/04/fighting-climate-change-with-poop-power/)

## Message from the CEO/GM

- Water Treatment Plant In DC Plans To Generate Energy From Human Waste  
[www.techtimes.com/articles/113219/20151203/energy-from-solid-waste.htm](http://www.techtimes.com/articles/113219/20151203/energy-from-solid-waste.htm)
- Washington D.C.'s sewage is generating 10MW of electricity  
[www.slashgear.com/washington-d-c-s-sewage-is-generating-10mw-of-electricity-03416910/](http://www.slashgear.com/washington-d-c-s-sewage-is-generating-10mw-of-electricity-03416910/)
- Wastewater plant generates power from poop  
[www.itweb.co.za/index.php?option=com\\_content&view=article&id=148301](http://www.itweb.co.za/index.php?option=com_content&view=article&id=148301)
- Digitaltrends.com: DC water treatment plant uses human excrement to generate 13MW of electricity  
[www.digitaltrends.com/cool-tech/solid-waste-electricity/](http://www.digitaltrends.com/cool-tech/solid-waste-electricity/)
- Phys.org: Fighting climate change with 'poop power'  
<http://phys.org/news/2015-12-climate-poop-power.html>
- *Washington Post*: D.C. Water sues EPA over new limit on E. coli allowed in Potomac River  
[www.washingtonpost.com/local/dc-water-sues-epa-over-new-limit-on-e-coli-allowed-in-the-potomac-river/2015/11/26/69edcd9c-93af-11e5-a2d6-f57908580b1f\\_story.html](http://www.washingtonpost.com/local/dc-water-sues-epa-over-new-limit-on-e-coli-allowed-in-the-potomac-river/2015/11/26/69edcd9c-93af-11e5-a2d6-f57908580b1f_story.html)
- *Georgetown*: GBA Meets at Paolo's, Learns About D.C.'s Green Infrastructure  
[www.georgetown.com/articles/2015/nov/19/gba-meets-paolos-and-learns-about-dcs-green-infrastructure/](http://www.georgetown.com/articles/2015/nov/19/gba-meets-paolos-and-learns-about-dcs-green-infrastructure/)
- *Think Progress*: In Honor Of World Toilet Day, Here Are 3 Ways That Poo Is Being Reused Around The World  
<http://thinkprogress.org/climate/2015/11/19/3724082/world-toilet-day-climate-change/>
- *Georgetown*: Ready for DC Water's Big Dig?  
[www.georgetown.com/articles/2015/nov/18/ready-dc-waters-big-dig/](http://www.georgetown.com/articles/2015/nov/18/ready-dc-waters-big-dig/)
- *Borderstan*: UPDATED: Crew Works to Repair Broken Water Main on 16th Street  
[www.borderstan.com/2015/11/18/water-gushes-down-16th-street-after-water-main-break/](http://www.borderstan.com/2015/11/18/water-gushes-down-16th-street-after-water-main-break/)
- *Washington Business Journal*: Pepco-Exelon merger may save solar at Blue Plains  
[www.bizjournals.com/washington/breaking\\_ground/2015/11/pepco-exelon-merger-may-save-solar-at-blue-plains.html](http://www.bizjournals.com/washington/breaking_ground/2015/11/pepco-exelon-merger-may-save-solar-at-blue-plains.html)
- *City Lab*: How Chicago Turns Sewage Into Power  
[www.citylab.com/tech/2015/11/how-chicago-turns-sewage-into-power/416007/](http://www.citylab.com/tech/2015/11/how-chicago-turns-sewage-into-power/416007/)
- *Popular Mechanics*: How D.C. Is Going To Drill a Tunnel Through Frozen Ground  
[www.popularmechanics.com/technology/infrastructure/g2290/bore-a-tunnel-freeze-the-ground/](http://www.popularmechanics.com/technology/infrastructure/g2290/bore-a-tunnel-freeze-the-ground/)
- *ASCE blog*: A Civil Engineer Makes a Special Impression on Fourth-Graders  
<http://blogs.asce.org/a-civil-engineer-makes-a-special-impression-on-fourth-graders/>



## Message from the CEO/GM

### *Drinking Water Marketing and Communications*

- OEA facilitated a meeting with the Wastewater Treatment Division, Environmental Protection Agency and Department of Energy to discuss future collaboration opportunities on projects that intersect water and energy issues.
- DC Water attended the annual meeting of the Potomac River Basin Drinking Water Source Protection Partnership and presented opportunities to increase stakeholder engagement through expanded communication efforts.
- DC Water and regional partners launched the Protect Your Pipes campaign with content to promote proper disposal of cooking grease before the Thanksgiving Holiday. Campaign elements included digital content, a Washington Post Express ad and signage posted throughout Giant grocery stores in the region. The campaign materials were also used for DC Water internal communications.
- DC Water, in conjunction with regional water utilities, met with the Metropolitan Washington Health Officials Committee to discuss the issuance of drinking water advisories. The group identified opportunities to expand the role of public health experts during water emergencies.

### *Meetings/Presentations/Events*

- DC Water provided an update on the Consent Decree Modification to its DC Clean Rivers Project during the November monthly meeting of ANC 1D.
- DC Water convened site visits to its Earl Place and Anacostia Pump Stations with members of ANC3F to give them a better understanding of pump station related issues associated with odor, noise and visual appearance. This was an outreach activity in support of DC Water's Soapstone Valley Park Sewer Rehabilitation Project, under which pump stations are being considered as a potential element of design for the project.
- DC Water attended the November monthly meeting of ANC 4B to provide updates on potential locations for GI implementation in that area and receive public feedback.
- DC Water attended the November monthly meeting of ANC 2E to provide an update on current status, remaining construction activities and restoration schedule of its local Small Diameter Water Main Replacement Project on P Street NW and other area streets.
- DC Water provided a walking tour to areas of potential GI implementation in the Georgetown community for members of ANC 2E and other interested Georgetown community leaders.
- During a briefing with key staff from the Office of Ward 3 Councilmember Mary Cheh, DC Water provided an overview and status update on all current and future construction projects within that ward.
- DC Water provided a tour to its First Street Tunnel Project site for members of ANC 2E and other interested Georgetown community leaders.
- During a briefing with key staff from the Office of Ward 5 Councilmember Kenyan McDuffie, DC Water provided an overview and status update on all current and future construction projects within that ward.

## Message from the CEO/GM

- During a briefing with key staff from the Office of Ward 1 Councilmember Brianne Nadeau, DC Water provided an overview and status update on all current and future construction projects within that ward.
- DC Water celebrated the Holidays with the District's seniors at the 2015 Annual Mayor's Senior Holiday Celebration, held at Stadium Armory. In addition to the mobile water conservation unit, DC Water provided giveaways and literature.
- During a briefing with key staff from the Office of Ward 2 Councilmember Jack Evans, DC Water provided an overview and status update on all current and future construction projects within that ward.
- During a briefing with key staff from the Office of Ward 6 Councilmember Charles Allen, DC Water provided an overview and status update on all current and future construction projects within that ward.
- As part of its Environmental Education program, DC Water provided a wastewater treatment environmental lesson at Maret School.
- As part of its Environmental Education program, DC Water provided a two-day drinking water environmental lesson to pre-school and kindergarten students at Houston Elementary School.

### *Customer Newsletter*

The November issue of the customer newsletter included a GM message highlighting tours at DC Water, including the Halloween tour and the First Street Tunnel media and community tours. The cover story highlighted the commissioning ceremony for the new Bailey Bioenergy Facility, and the remaining articles described the tours identified in the GM message and appealed to customers to donate to SPLASH. The community spotlight featured the DC Beekeepers Alliance and DC Water's relationship with the group to grow the honeybee population.

## Message from the CEO/GM

### *Social Media*

<b>Twitter</b>	11/1-12/1	FY 14-15 Growth	Total since 11/15	% growth since 11/15
New Followers	140	4,195	628	22.2%
Total Followers	11,487			
Mentions	344	8,232	1,096	45.6%
Retweets	177	4,666	568	45.2%
Favorites	279	2,192	772	56.5%
<b>Facebook</b>				
New Fans	31	598	92	50.8%
Total Fans	2,035		2,035	
Impressions	74.8K	892.5K	113.8K	52.1%
Users	19.7K	412.9K	57.6K	51.9%
Interactions	1.3K	11.7K	1.8K	38.4%
<b>Instagram</b>				
New Followers	17	427	58	41.4%
Followers	485			
Likes	433	1513	710	250%
Comments	16	230	28	57.1%

### *Tours*







- 25 guests from Green Build Tour
- 14 guests from UMD Public Health
- 8 guests from Everybody Grows
- 12 DC residents
- 22 Capitol Hill Day School 7th graders
- 15 Dumbarton Oaks Research Library Research Fellows
- 25 guests from Global Environment Facility

## ORGANIZATIONAL PERFORMANCE DASHBOARD (NOVEMBER, 2015)

### Financial Highlights

<b>Net Operating Cash</b> Actual <b>28381</b> Target 12492 (\$ tho)	<b>Operating Revenues</b> Actual <b>109</b> Target 97 (\$ mil)	<b>Operating Expenses</b> Actual <b>70</b> Target 90 (\$ mil)	<b>Capital Disbursements</b> Actual <b>115</b> Target 106 (\$ mil)
<b>Operating Cash Balance</b> Actual <b>160</b> Target 126 (\$ mil)	<b>Delinquent Account Receivables</b> Actual <b>2</b> Target 3 (%)	<b>Core Investments Yield</b> Actual <b>0.78</b> Target 0.91 (%)	<b>Short Term Investment Yield</b> Actual <b>0.41</b> Target 0.08 (%)

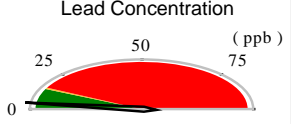
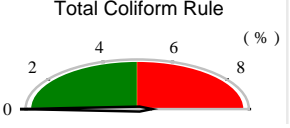
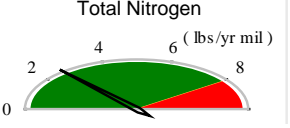
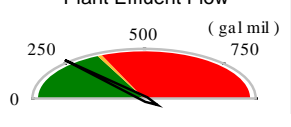
### Customer Care and Operations Highlights

<b>Call Center Performance</b>  Nov <b>86</b> 85 (% of calls rec)	<b>Command Center Performance</b>  Nov <b>92</b> 85 (% of calls rec)	<b>First Call Resolution</b>  Nov <b>84</b> 75 (% of calls rec)	<b>Emergency Response Time</b>  Nov <b>100</b> 90 (% of calls rec)
<b>Fire Hydrants out of Service</b>  Nov <b>43</b> 96 (count)	<b>Fire Hydrant Insp. and Maint.</b> <b>6</b> (count)	<b>Fire Hydrants Replaced</b>  Nov <b>9</b> 250 (YTD count)	<b>Permit Processing within SLA</b> <b>93</b> (%)

### Low Income Assistance Program

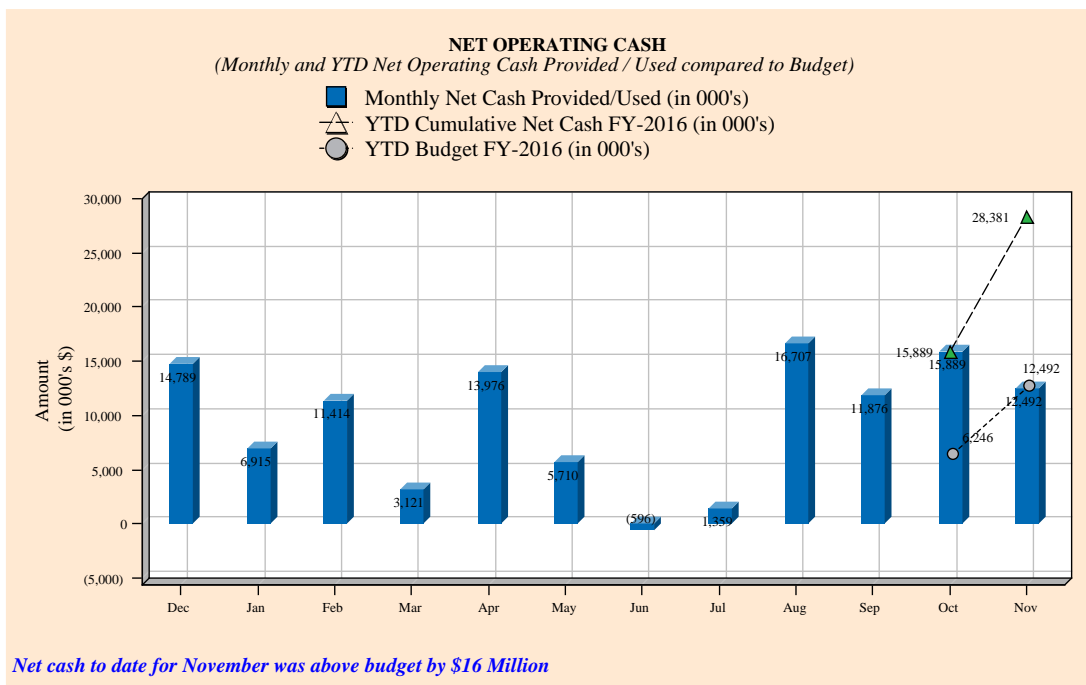
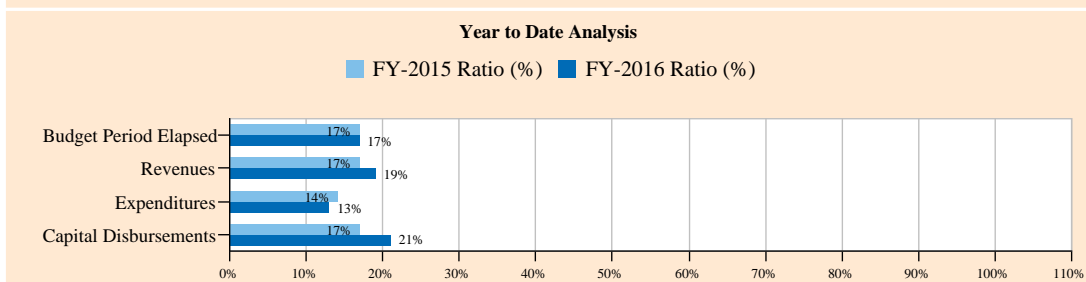
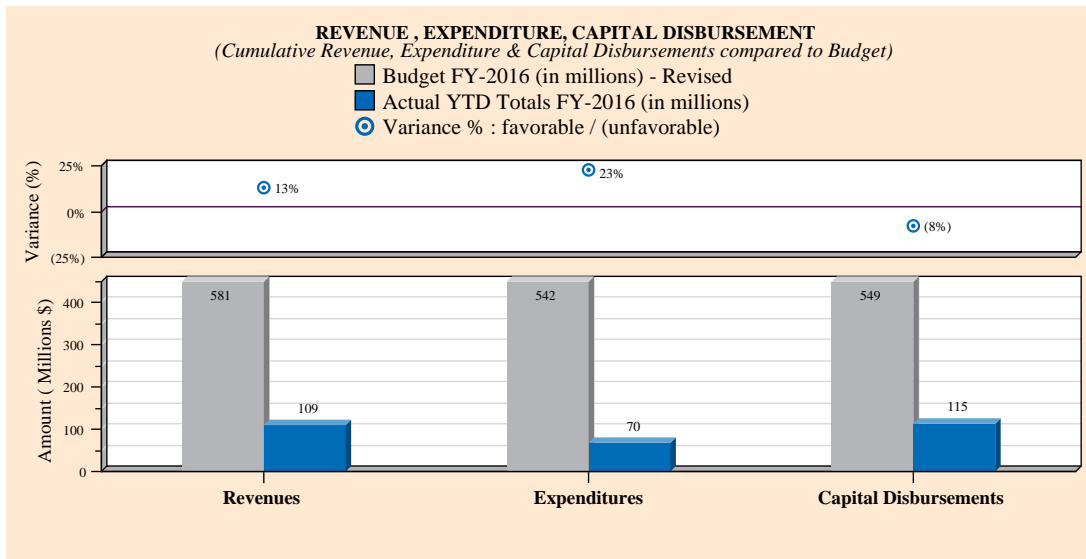
<b>Splash Contributions</b> Actual <b>16</b> Target 13 (\$ tho)	<b>Customer Assistance Program</b> Previous <b>4</b> Current <b>1</b> (\$ tho)
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### Operational Highlights

<b>Lead Concentration</b>  25 50 75 (ppb)	<b>Total Coliform Rule</b>  2 4 6 8 (%)	<b>Biosolids Production</b> <b>438</b> (wet tons)	<b>Total Nitrogen</b>  2 4 6 8 (lbs/yr mil)
<b>Plant Effluent Flow</b>  250 500 750 (gal mil)	<b>Excess Flow</b> <b>7</b> (gal mil)	<b>Water Main Leaks</b> <b>32</b> (count)	<b>Water Valve Leaks</b> <b>1</b> (count)
<b>Non-Revenue Water</b> Sold <b>10</b> Purchased <b>14</b> (CCF mil)	<b>Sewer Main Backups</b> <b>4</b> (count)	<b>Sewer Lateral Backups</b> <b>180</b> (count)	<b>Dry Weather CSO</b> <b>0</b> (events)
<b>Recruitment Activity</b> Filled <b>9</b> Open <b>75</b> (count)	<b>Electricity Usage</b> <b>16391</b> (MWh)	<b>Employee Lost Time Accidents</b> <b>9</b> (count)	<b>Vendor Payments</b> Actual <b>98</b> Target 97 (%)

**FINANCIAL HIGHLIGHTS**

**FINANCIAL PERFORMANCE SUMMARY**



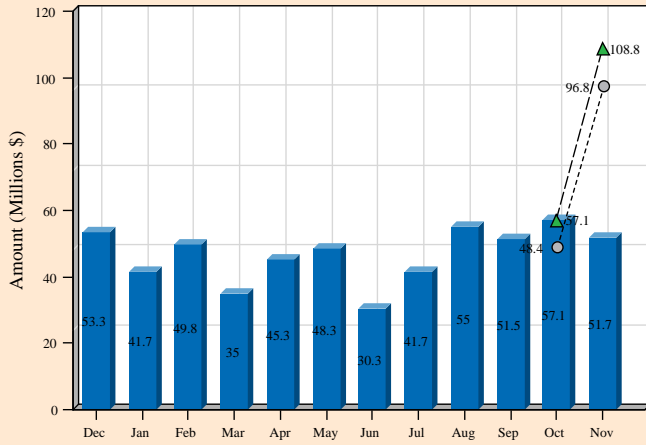
**FINANCIAL HIGHLIGHTS**

**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

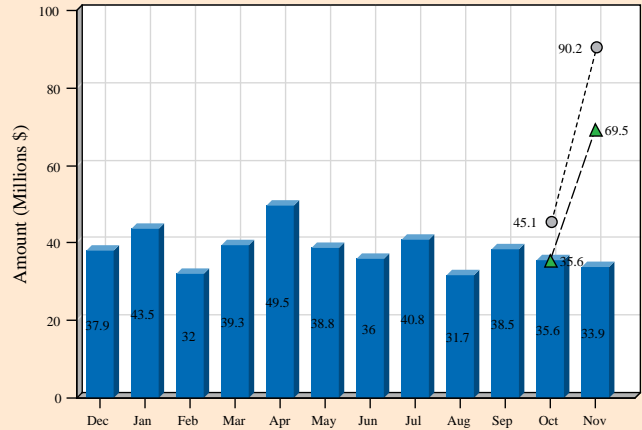


Revenue to date for November was above budget by \$12 Million

**OPERATING EXPENSES**

Monthly & Cumulative Expenditure compared to YTD Budget

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



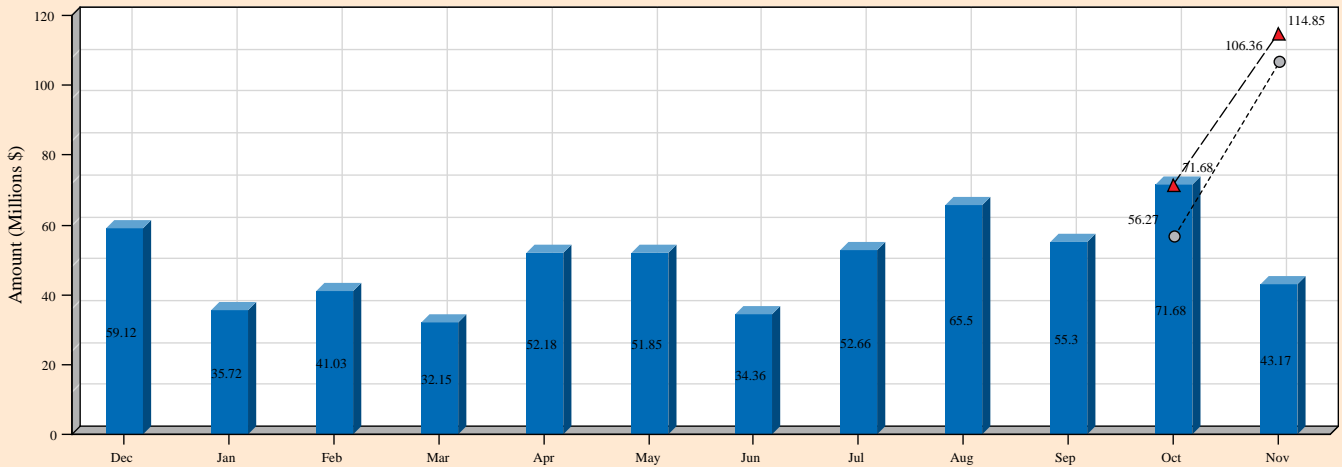
Expenditure to date for November was below budget by \$21 Million

**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 November were above budget by \$8 Million

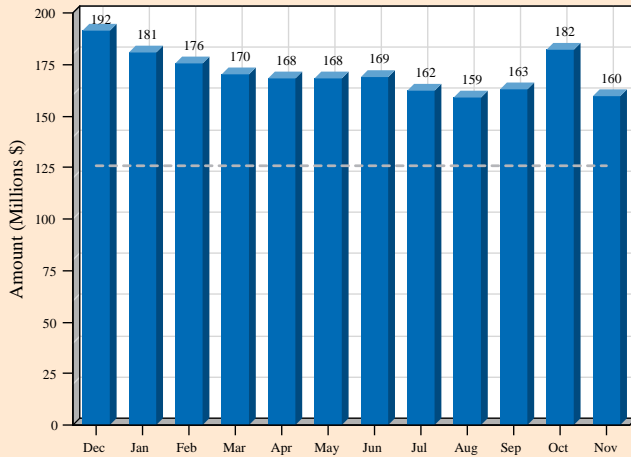
**FINANCIAL HIGHLIGHTS**

**OPERATING CASH AND RECEIVABLES**

**OPERATING CASH BALANCE**

Average Daily Cash Balance compared to Operating Reserve Target

- Actual Cash Balance FY-2016
- Operating Reserve Target - (126 Million)

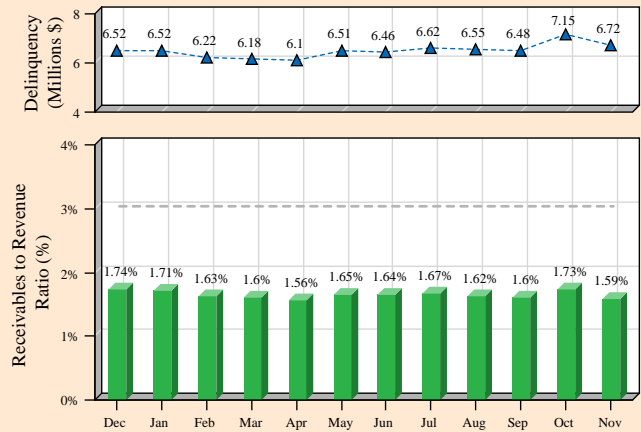


Cash Balance for November was above target by \$34 million

**DELINQUENT ACCOUNT RECEIVABLES**

Delinquency & Receivables to Revenue Ratio compared to Target

- Receivables to Revenue Ratio
- ▲ Delinquencies FY-2016 (in millions)
- Target: Receivables to Revenue Ratio (3%)



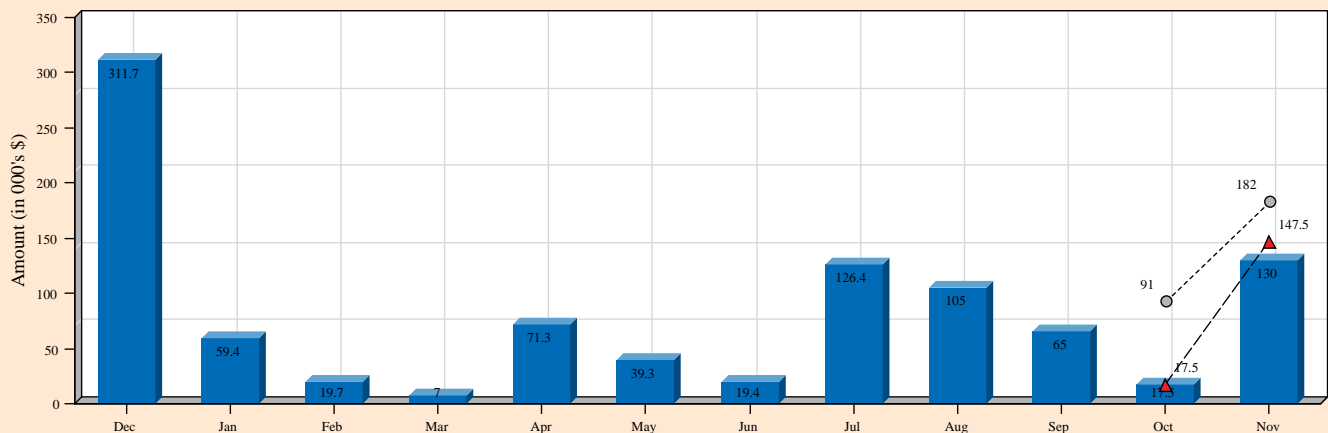
November Receivables to Revenue Ratio 1.6%, Delinquency \$6.7 Million

**INVESTMENT EARNINGS**

**INVESTMENT CASH EARNINGS**

Monthly & Cumulative Earnings compared to YTD Budget

- Monthly Earnings (in 000's)
- ▲ YTD Cumulative Earnings FY-2016 (in 000's)
- YTD Cumulative Earnings Budget FY-2016 (in 000's)



Earnings to date for November were below Projected Budget by \$35,000

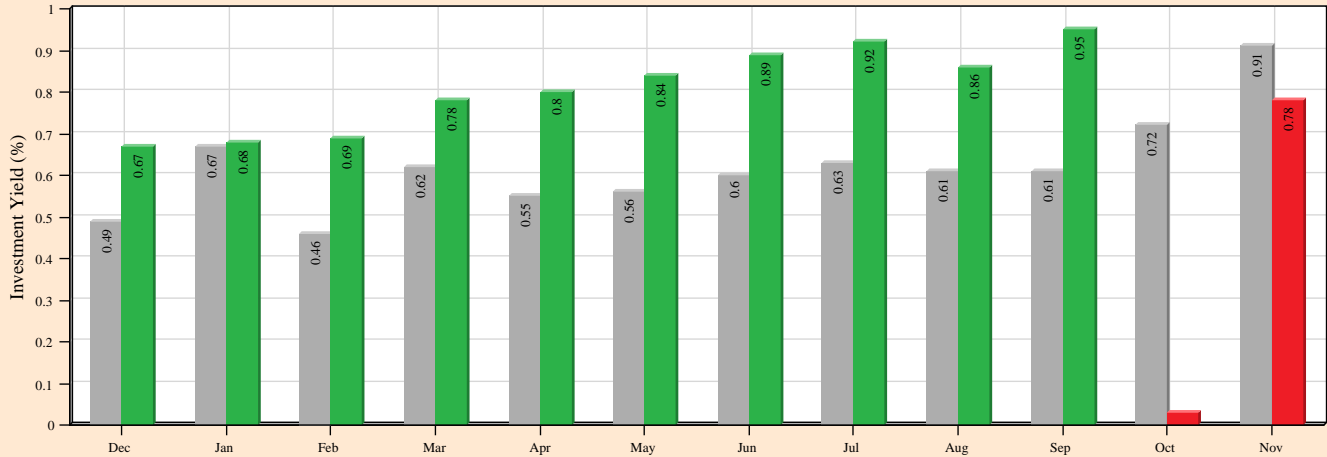
FINANCIAL HIGHLIGHTS

INVESTMENT YIELD

CORE INVESTMENTS YIELD

Monthly Yield compared to Merrill Lynch Benchmark

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

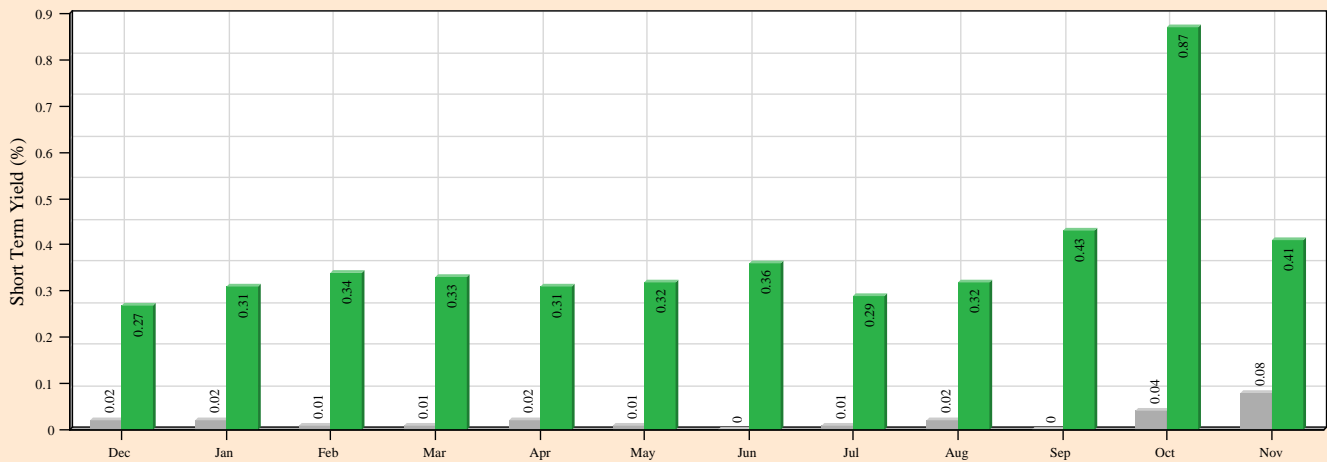


Yield for November was lower than the treasury index by 0.13%

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 November was higher than the Merrill Lynch yield by 0.33%

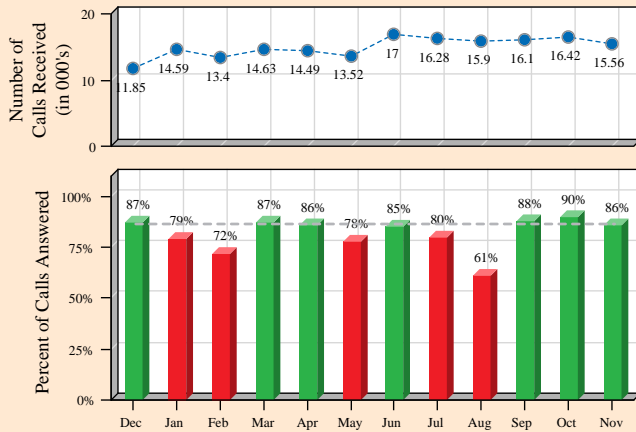


CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

CUSTOMER SERVICE

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

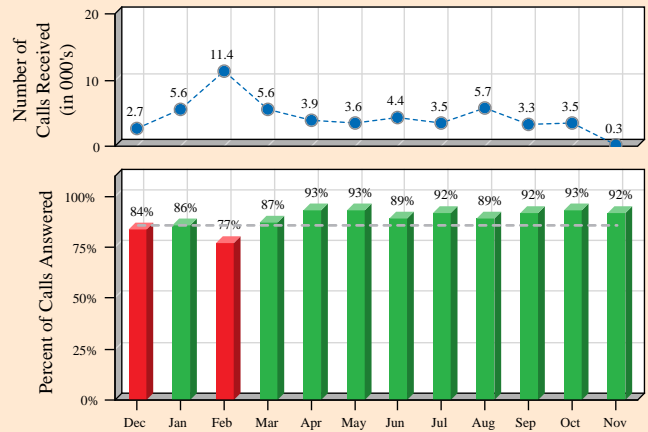
- Call Center: Calls answered (%)
- No of Calls - Call Center (in 000's)
- Target -Call Center (85%)



Performance for November was above target by 1%

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

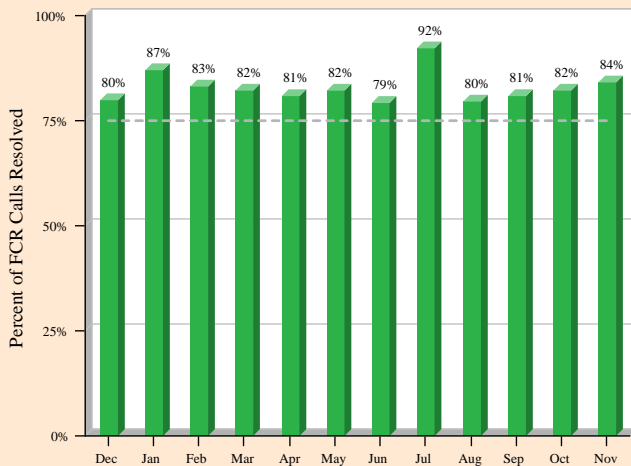
- Command Center: Calls answered (%)
- No of Calls - Command Center (in 000's)
- Target -Command Center (85%)



Performance for November was above target by 7%

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

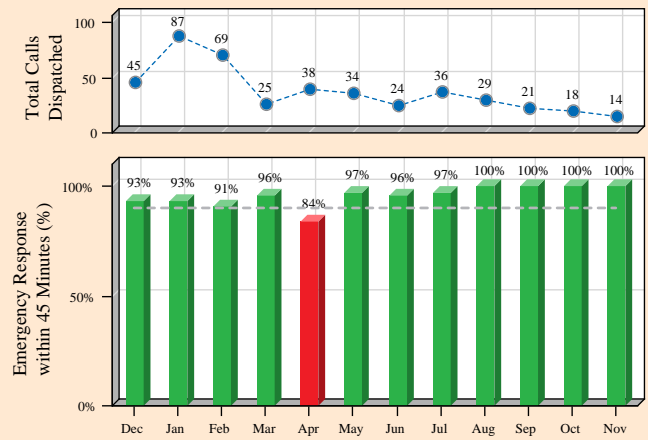
- FCR (%)
- FCR Target (75%)



Performance for November was above target by 9%

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

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



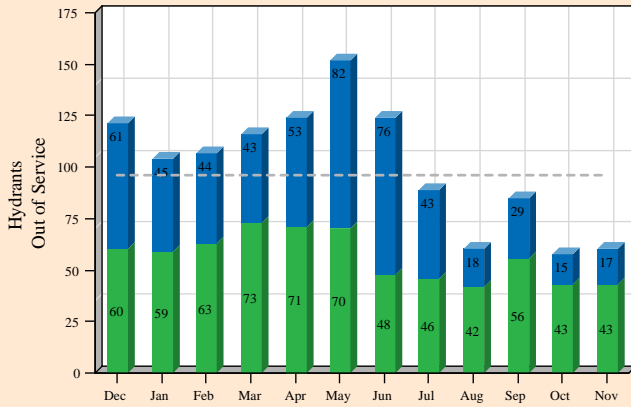
Performance for November was above target by 10%

CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

FIRE HYDRANTS

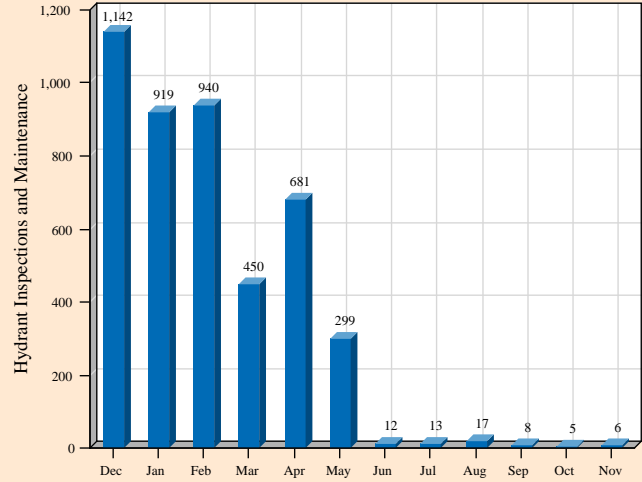
**FIRE HYDRANTS OUT OF SERVICE (OOS)**  
Total Hydrants Out of Service against Target

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



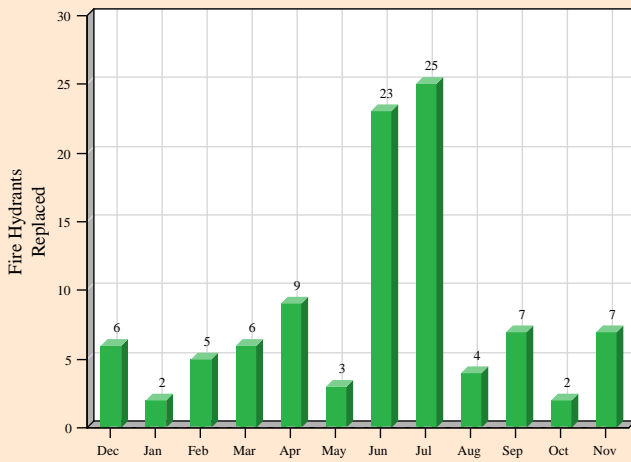
**Fire Hydrant Inspections and Maintenance**  
Total Hydrant Inspection and Maintenance Work Orders Completed per Month

- Hydrant Inspections and Maintenance



**FIRE HYDRANT REPLACEMENTS**  
Total Hydrants Replaced per Month

- Hydrants Replaced
- Annual Replacement Target (250)



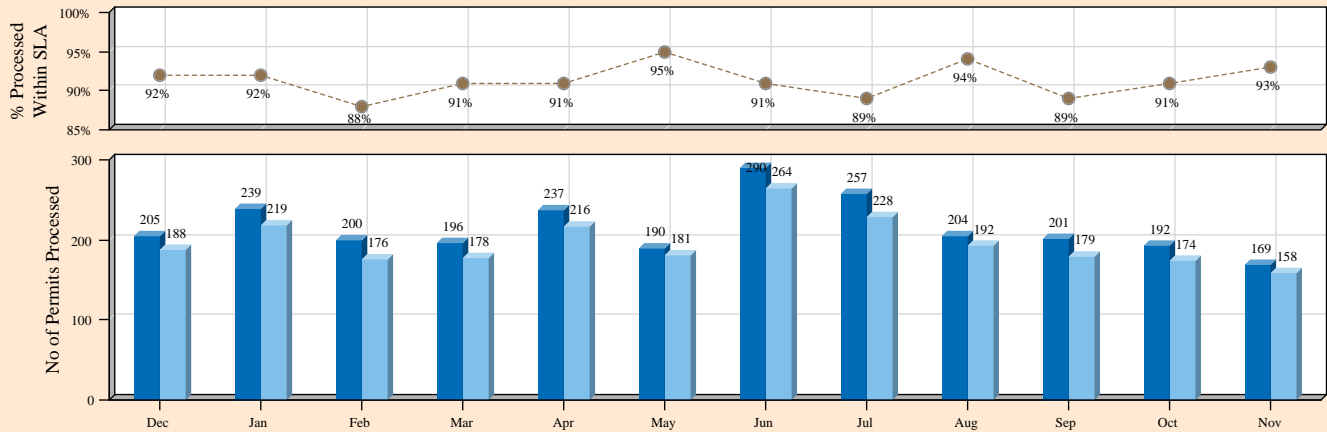
Total replacements as of November were 9 against annual projections of 250

CUSTOMER CARE AND OPERATIONS HIGHLIGHTS

PERMIT PROCESSING

TOTAL APPLICATIONS PROCESSED WITHIN SERVICE LEVEL AGREEMENT (SLA)

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



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

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

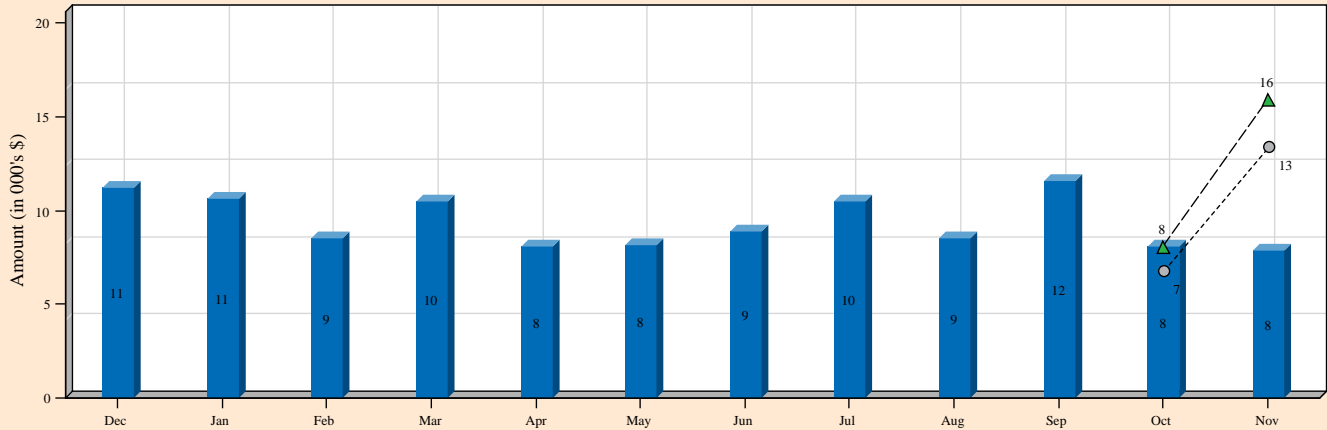
**LOW INCOME ASSISTANCE PROGRAM**

**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)



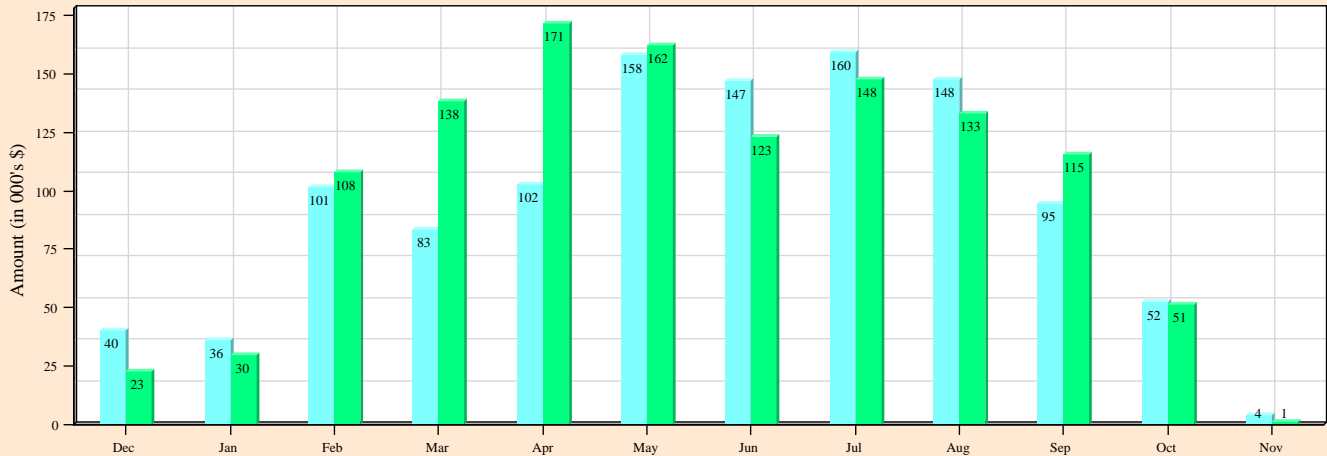
Total SPLASH Contributions to date for November were above target by \$3,000

**CUSTOMER ASSISTANCE PROGRAM (CAP)**

**CUSTOMER ASSISTANCE PROVIDED**

Monthly Assistance Provided compared to corresponding Previous Year Periods

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

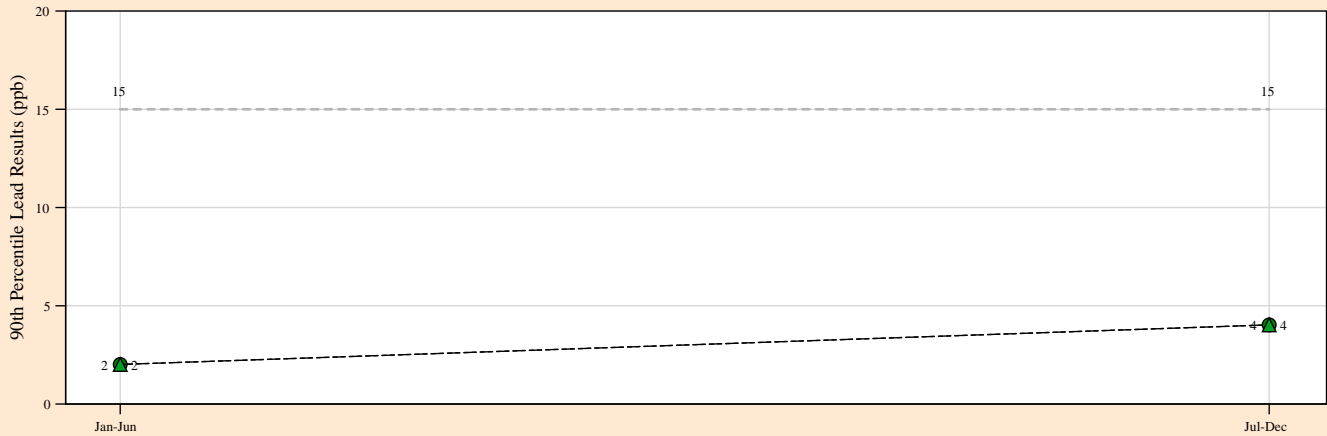


**OPERATIONAL HIGHLIGHTS**

**DRINKING WATER QUALITY**

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

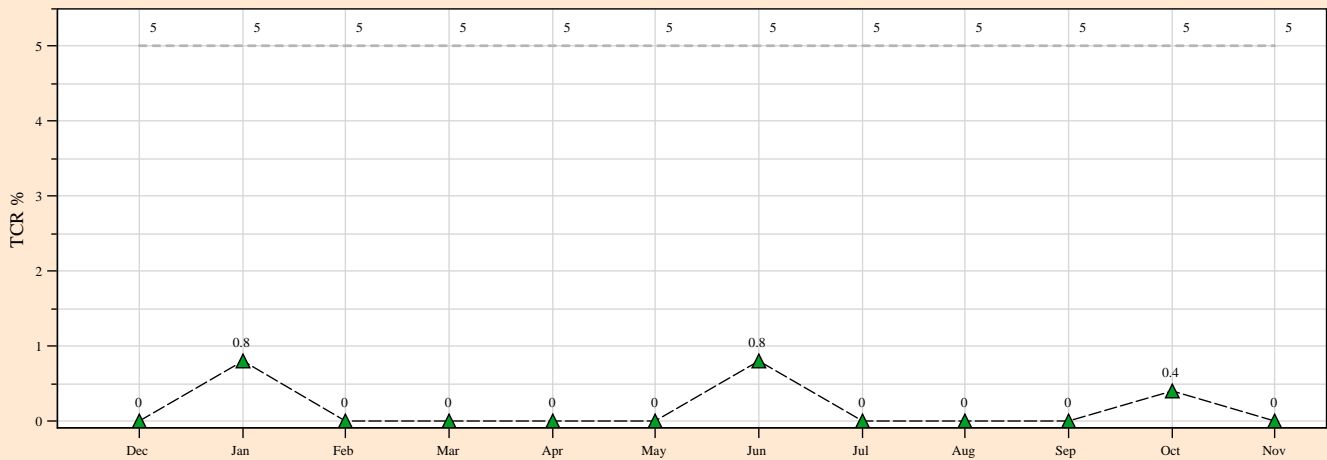
- 2014 LCR Results
- △ 2015 LCR Results
- Action Level : 15 parts per billion (ppb)



*Jul-Dec 2015 results to date*

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

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



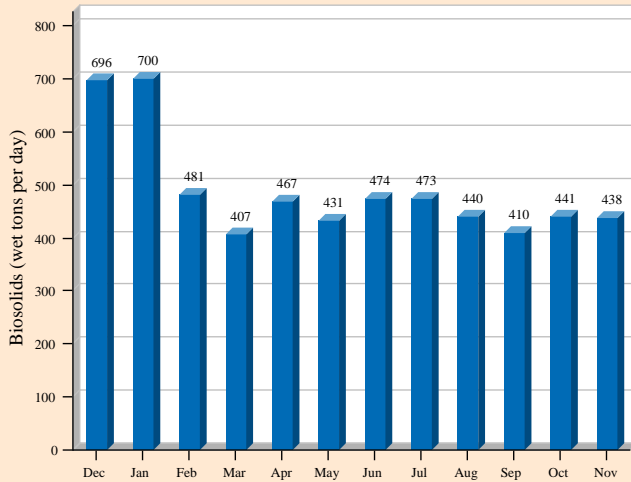
*No Coliform Positives were recorded in November*

**OPERATIONAL HIGHLIGHTS**

**WASTEWATER TREATMENT**

**BIOSOLIDS PRODUCTION**  
Average Daily Biosolids Production

■ Average Daily Biosolids Hauled

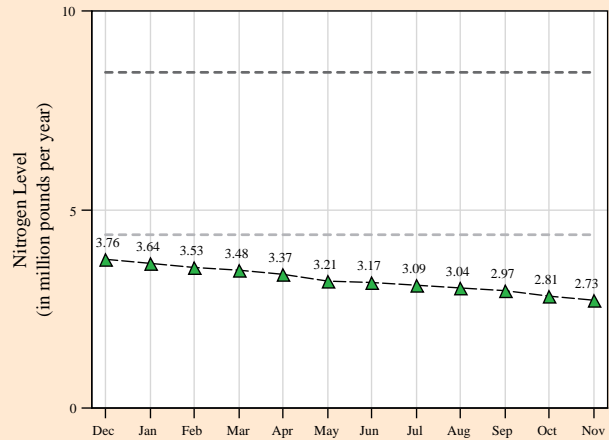


*Biosolids Average Daily Production for November was 438 wet tons per day*

**TOTAL NITROGEN**

Total Nitrogen compared to Current and 2015 Permit Levels

△ Nitrogen Rolling 12 months (lbs/yr)  
 - - - Proposed Limit for 2015 - 4.38 Million (lbs/yr)  
 - - - Current Permit Limit - 8.47 Million (lbs/yr)

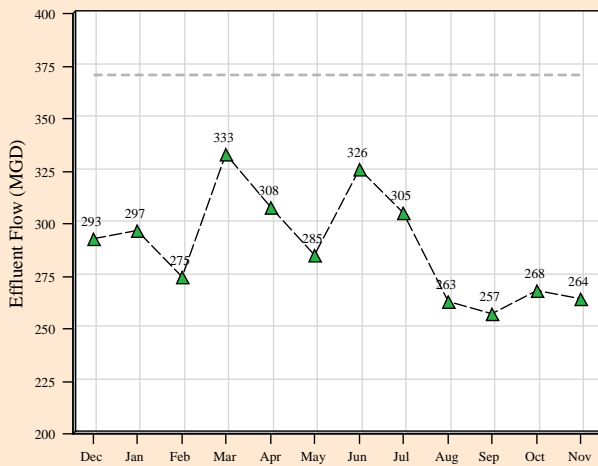


*Nitrogen level for November was below permit by 5.7 million lbs/yr*

**PLANT EFFLUENT FLOW**

Effluent Flow compared to Plant Design Average Limit

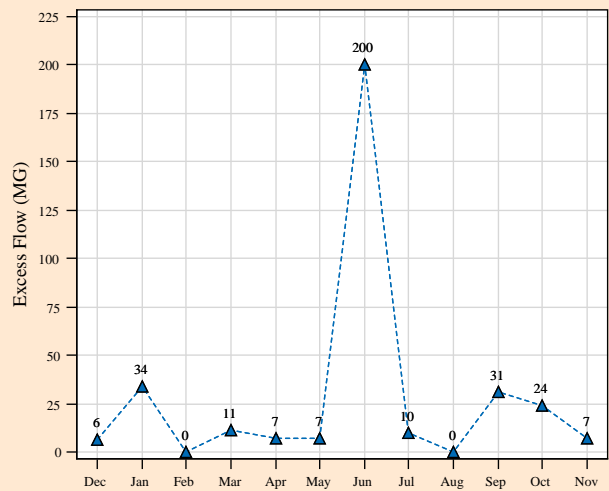
△ Effluent Flow  
 - - - Design Average (370 mgd)



*In November, Effluent flow was below design by 106 MGD*

**EXCESS FLOW**

△ Excess Flow

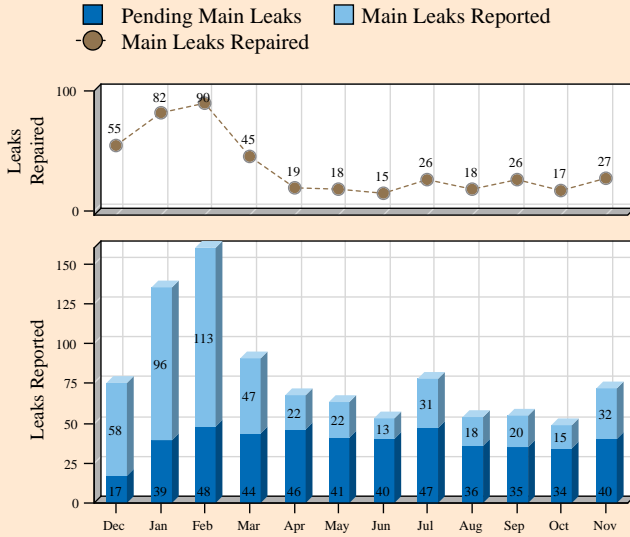


*7.4 Million Gallons per day excess flow were recorded in November 2015*

OPERATIONAL HIGHLIGHTS

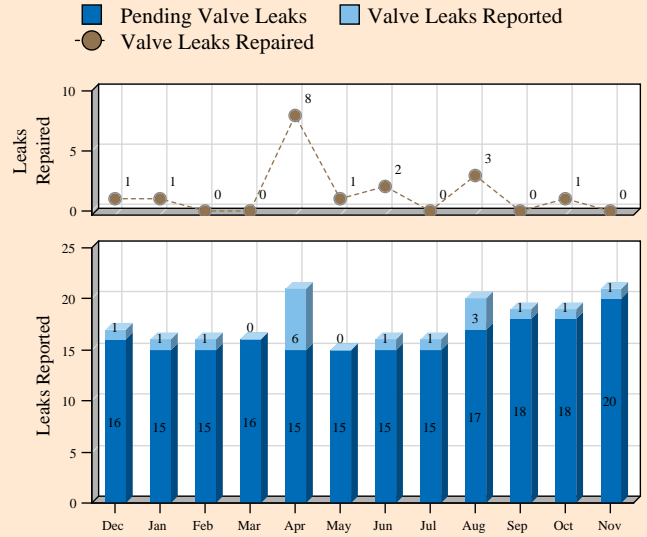
WATER DISTRIBUTION OPERATIONS

WATER MAIN LEAKS



There were 32 main leaks reported in November

WATER VALVE LEAKS



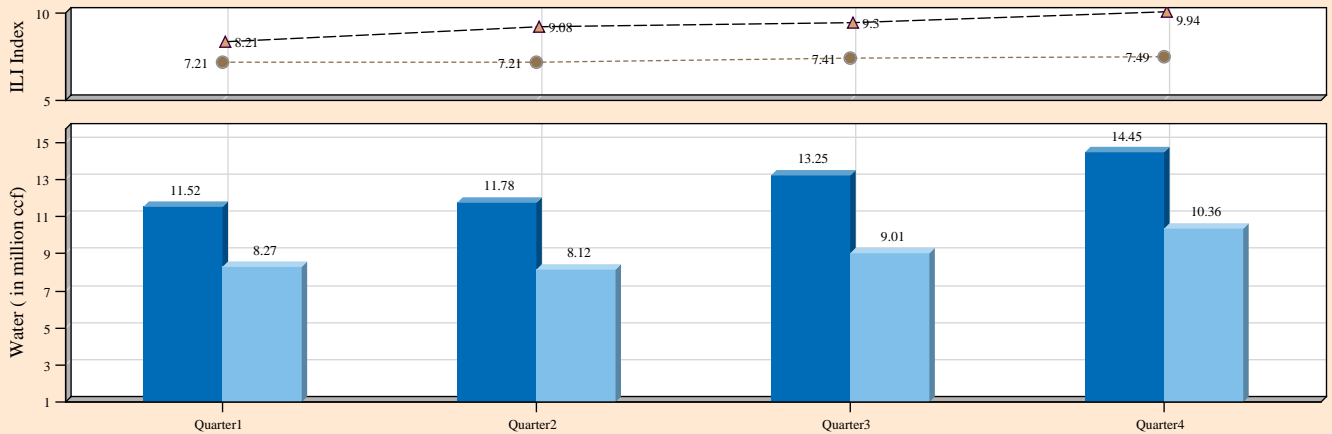
No leak was resolved in November

WATER BALANCE

NON-REVENUE WATER

Volume of Water Purchased and Sold per Quarter

- FY-2015: Water Purchased
- FY-2015: Water Sold
- FY-2014: Infrastructure Leakage Index
- ▲ FY-2015: Infrastructure Leakage Index



In the fourth quarter 10.4 out of 14.5 million cubic feet of water was sold

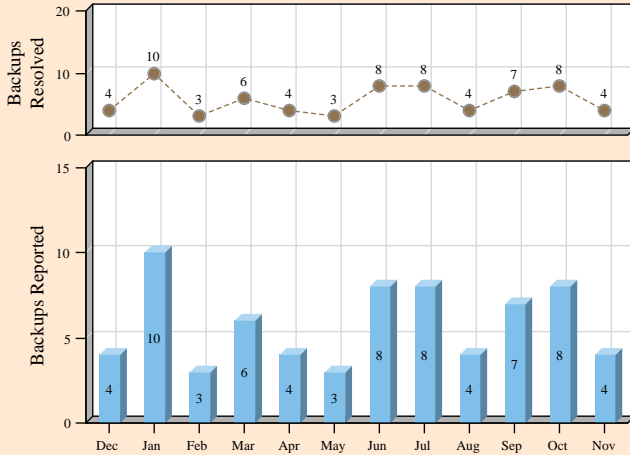
**OPERATIONAL HIGHLIGHTS**

**SEWER SYSTEM OPERATIONS**

**SEWER MAIN BACKUPS**

*Sewer Mains Backed Up and Relieved per Month*

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

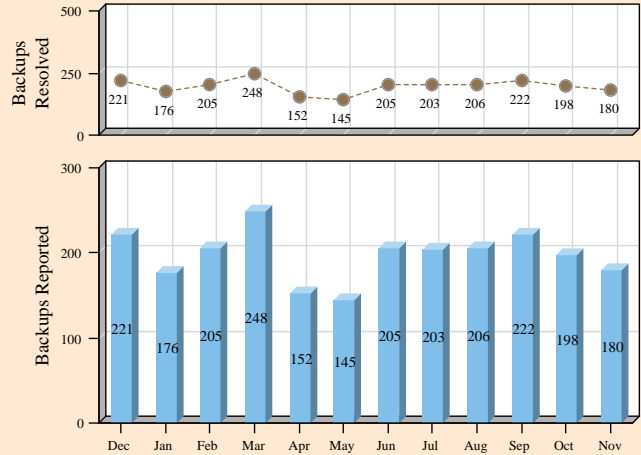


*No pending main backups reported*

**SEWER LATERAL BACKUPS**

*Sewer Laterals Backed Up and Relieved per Month*

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



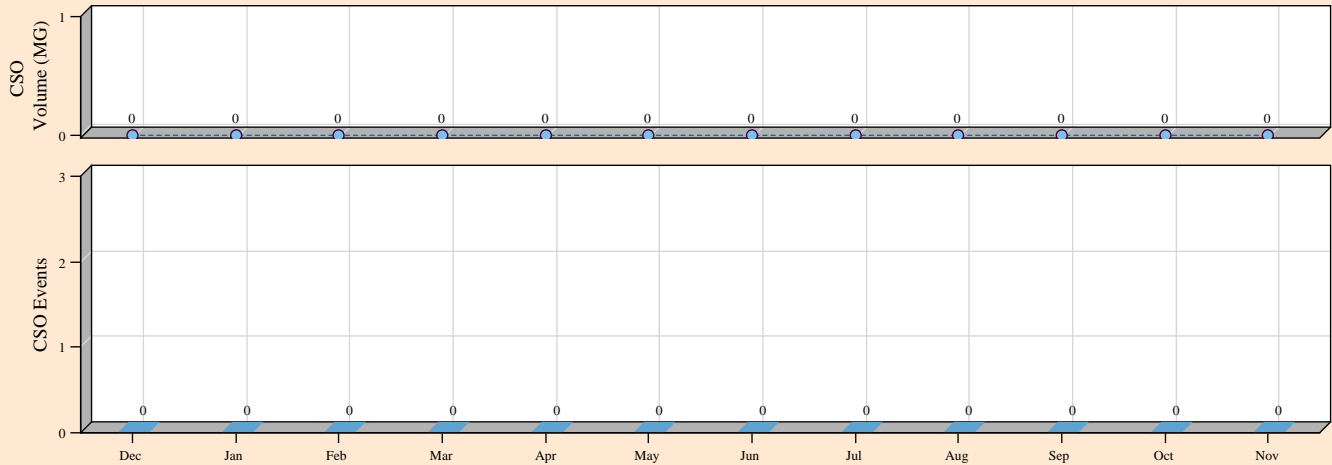
*No pending lateral backups reported*

**COMBINED SEWER SYSTEM**

**DRY WEATHER CSO EVENTS**

*Combined Sewer Overflow Volume and No of Events per Month*

- Number of CSO Events
- Overflow Volume (MG)



*No dry weather Combined Sewer Overflow event was recorded in November 2015*

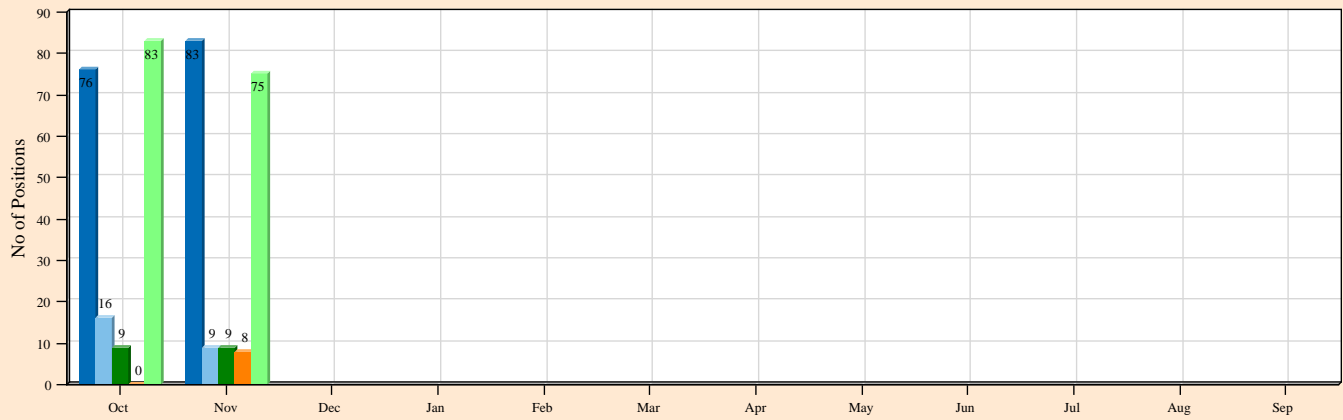


**OPERATIONAL HIGHLIGHTS**

**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



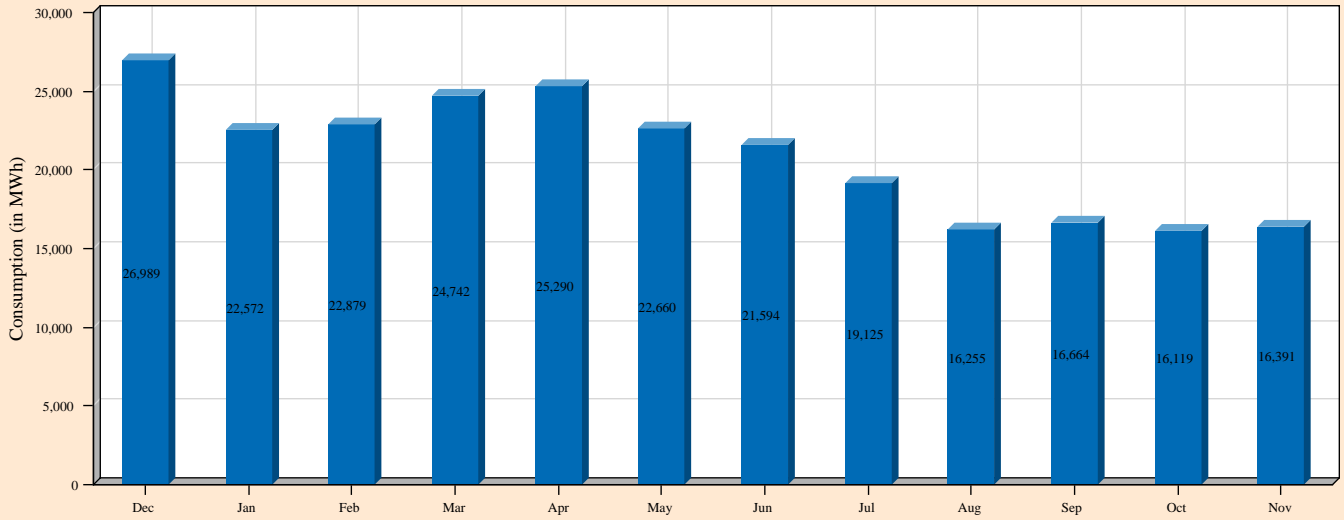
*In November, we began the month with 83 positions, received 9 new positions, filled 9, 8 cancellations and ended the month with 75 positions*

OPERATIONAL HIGHLIGHTS

ENERGY

ELECTRICITY USAGE SUMMARY

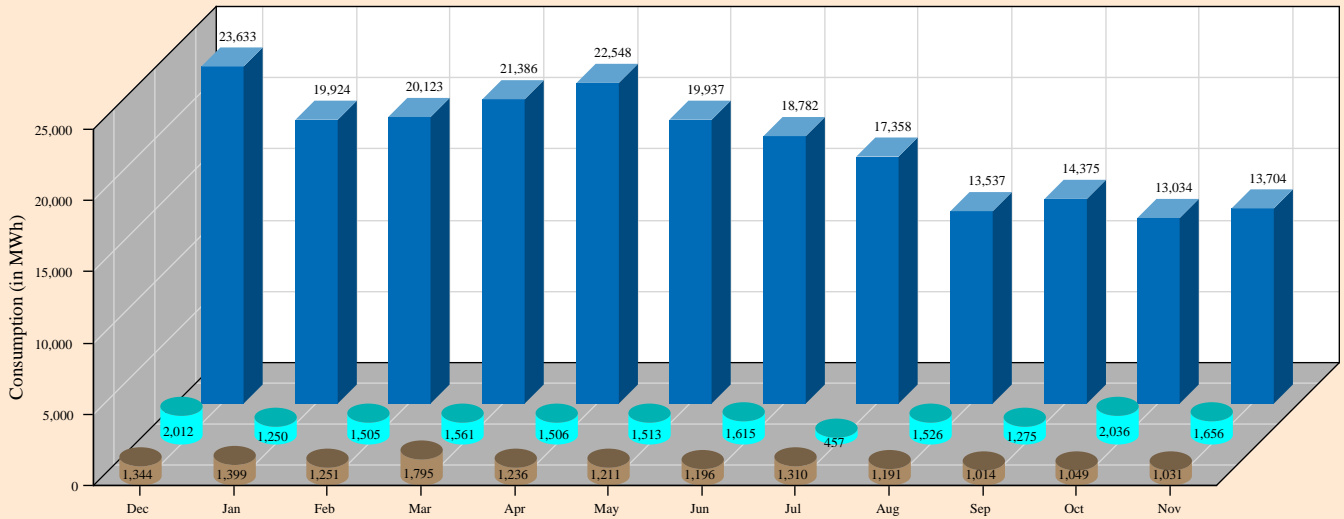
Total Consumption (MWh)



Electricity Consumption in November was 16,391 MWh

ELECTRICITY USAGE BY SERVICE AREA

Sewer Pumping Water Pumping Waste Water Treatment



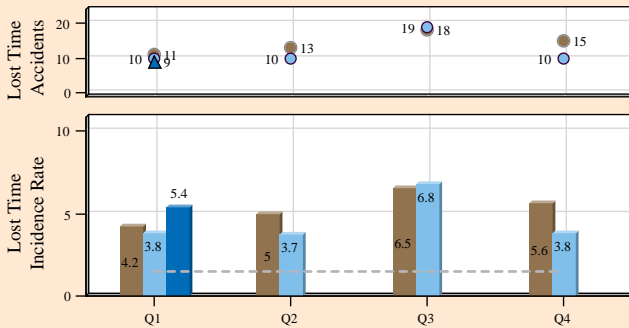
Wastewater treatment had the highest electricity consumption in November at 13,704 MWh

**OPERATIONAL HIGHLIGHTS**

**SAFETY**

**EMPLOYEE LOST TIME INCIDENCE RATE**

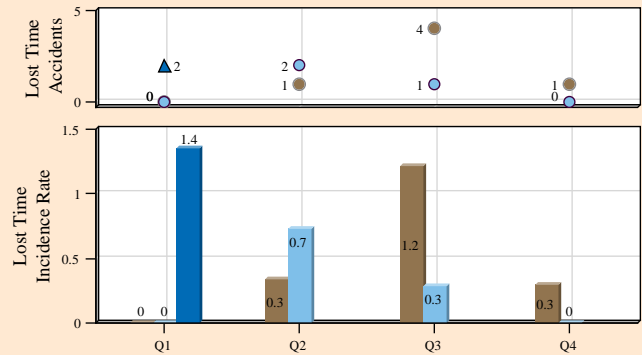
- FY-2014: LT Incidence Rate
- FY-2015: LT Incidence Rate
- FY-2016: LT Incidence Rate
- FY-2014: No of LT Accidents
- FY-2015: No of LT Accidents
- ▲ FY-2016: No of LT Accidents
- Target/National: LT Incidence Rate



Thru the 2nd month of 1st 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

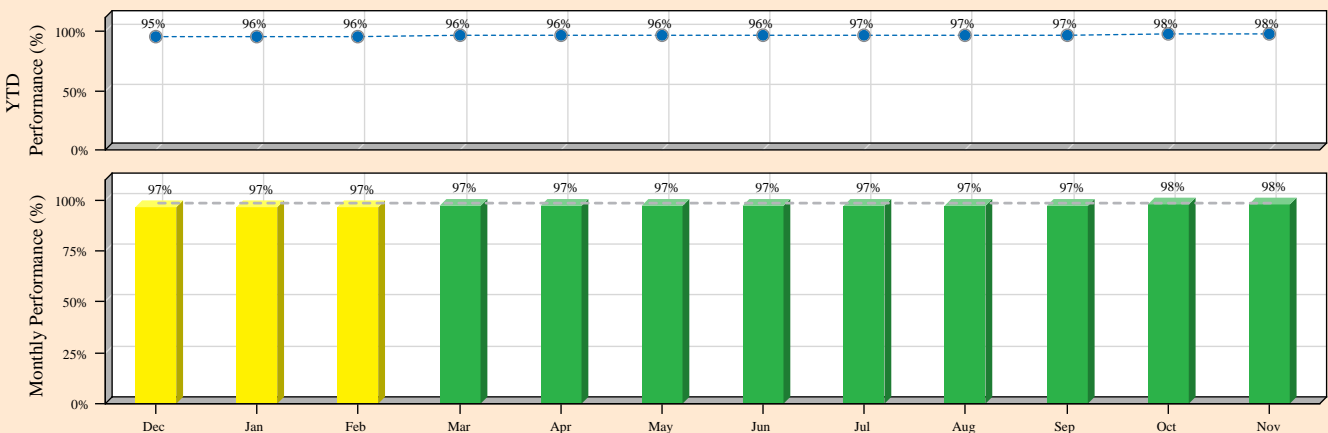


Thru the 2nd month of 1st quarter, 2 lost time accidents were reported

**VENDOR PAYMENTS**

**VENDOR PAYMENT PERFORMANCE**  
Percentage of Invoices Paid within 30 days

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



Monthly performance for November was above target by 1%

**INTERPRETATION OF CHARTS:**

*FINANCIAL HIGHLIGHTS*

---

**Revenue, Expenditure, Capital Disbursement**

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

**Net Operating Cash**

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

**Operating Revenues**

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

**Operating Expenses**

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

**Capital Disbursements**

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

**Operating Cash Balance**

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

**Delinquent Account Receivables**

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

**Investment Cash Earnings**

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

**Core Investments Yield**

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

**Short Term Investment Yield**

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

Dynamic Color Coding Legend

*	**
<p>Red - when the actual is <b>lower</b> than 3% of budget or target</p> <p>Yellow - when the actual is <b>within</b> 3% 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 3% of budget or target</p> <p>Yellow - when the actual is <b>within</b> 3% 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, □)

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

***	****
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, □)

**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

***	****
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, □)

**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





District of Columbia Water and Sewer Authority  
Summary of Contracts on Consent Agenda  
216<sup>th</sup> Meeting of the DC Water Board of Directors  
Thursday, January 7, 2016

**Joint-Use Contracts**

Resolution No. 16-00 – DCFA #449-WSA, AECOM Service of DC (Supplemental Agreement). The purpose of the supplemental agreement is to continue providing engineering management and technical services at Blue Plains under the Wastewater Treatment service area. The supplemental agreement amount is \$47,100,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-01 – Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc. The purpose of the contract is to purchase 17,500,000 pounds of liquid ferric chloride solution. The contract not-to-exceed amount is \$3,325,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-02 – Contract No. 15-PR-WWT-53B, PVS. The purpose of the contract is to purchase 7,500,000 pounds of liquid ferric chloride solution. The contract not-to-exceed amount is \$1,447,500. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-03 – Contract No. WAS-12-029-AA-JR, M.C. Dean, Inc. (Option Year Three). The purpose of the option is to provide annual maintenance of high and low voltage switchgear throughout DC Water facilities. The option amount is \$2,527,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-04 – Contract No. 14-PR-DIT-01, Advance Digital Systems (Option Year Two). The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$600,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-05 - Contract No. 14-PR-DIT-02, IMG, Inc. (Option Year Two). The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$300,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-06 – Contract No. 14-PR-DIT-03, Mansai Corporation (Option Year Two). The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$450,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-07 – Contract No. 14-PR-DIT-04, Namtra Business Solutions (Option Year Two). The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$650,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-08 – Contract No. 14-PR-DIT-05, MVS, Inc. (Option Year Two). The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$550,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

Resolution No. 16-09 – Contract No. 14-PR-DIT-06, Mega-Tech (Option Year Two). The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$650,000. (Recommended by Environmental Quality and Sewerage Services Committee 12/17/15)

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

**SUBJECT: Approval to Execute Supplemental Agreement to DCFA #449-WSA, AECOM Services of DC**

**#16-00  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_() in favor and \_\_() opposed to execute a Supplemental Agreement to DCFA #449-WSA, AECOM Services of DC.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute a Supplemental Agreement to DCFA #449-WSA, AECOM Services of DC. The purpose of the supplemental agreement is to continue providing engineering management and technical services at Blue Plains under the Wastewater Treatment service area. The supplemental agreement amount is \$47,100,000.

This Resolution is effective immediately.

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

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

**ACTION REQUESTED**

**ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT:  
Wastewater Treatment Program Manager  
(Joint Use)**

Approval to execute a supplemental agreement to DCFA #449-WSA in an amount not to exceed \$47,100,000.00. This modification will exceed the General Manager's approval authority.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
AECOM Services of DC, A Professional Corporation 2020 K Street NW, Suite 300 Washington, DC 20006-1806	The Allied Companies, LLC Washington, DC MBE	8.1%
	Davis Brothers Construction Co., Inc. Richmond, VA MBE	2.9%
	Delon Hampton & Associates Washington, DC MBE	3.5%
	EPCM, Inc. Burke, VA MBE	7.0%
	Loretta Caldwell and Associates Washington, DC MBE	2.9%
	McKissack & McKissack Washington, DC WBE	0.9%
	Rohadfox Construction Control Services Atlanta, GA WBE	3.2%
	PEER Consultants, P.C. Washington, DC MBE	4.2%
	Sigma Associates, Inc. Washington, DC MBE	0.3%
	Enterprise Security Solutions Smithsburg, MD	2.9%
	EMA Washington, DC	0.9%
	Brown and Caldwell Alexandria, VA	0.8%

DESCRIPTION AND PURPOSE	
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Original Contract Value:	\$63,000,000.00
Value of this Supplemental Agreement:	\$47,100,000.00
Cumulative SA Value, including this SA:	\$47,100,000.00
Current Contract Value, Including this SA:	\$110,100,000.00
Original Contract Time:	2190 Days (6 Years, 0 Months)
Time extension, this SA:	0 Days
Total SA contract time extension:	0 Days (0 Years, 0 Months)
Contract Start Date:	01-29-2013
Contract Completion Date:	01-28-2019

**Purpose of the Contract:**

To provide continuing professional engineering, program management and technical services to develop, manage, coordinate and commission projects at Blue Plains under the Wastewater Treatment service area. This contract is for a six-year program funded in two phases. The original agreement amount was approved to fund Phase 1 for the initial 3 year period. Phase 2 for the second 3 year period was pending satisfactory performance and progress under Phase 1, which has been achieved. This formal contract modification is necessary to authorize Phase 2 performance.

**Original Contract Scope:**

Provide professional engineering, management and technical services to develop, plan and manage projects within the Blue Plains Total Nitrogen Removal Program; Liquid Processing Program; and Plant-wide Projects Program, to ensure compliance with current and future NPDES, Consent Decree and Clean Air Act requirements.

**Previous Supplemental Agreement Scope:**

- None

**Current Supplemental Agreement Scope:**

Phase 2 continues and completes existing tasks initiated under Phase 1 and consists of knowledge and systems transfer component to DC Water for the following portfolios:

- Program Management : Oversee process planning and project management for both liquid and biosolids CIP projects at Blue Plains;
- Tunnel Dewatering Pumping Station / ECF Design Build Project; Support construction management team and provide commissioning support for the Blue Plains DCCR pumping and treatment component;
- Air Quality Program; Provide comprehensive air permit support services for compliance with both federal and DC regulations;
- Plant-Wide Support; Perform site-wide facility condition assessment and planning reports in support of the CIP planning process;
- Enterprise-wide Support; Support for Blue Horizon initiatives including Enterprise Wide Health and Safety Plan development;
- Research And Pilot Studies: Support key research and innovation activities such as co-digestion and deammonification;
- Completion of Facility / Master Plan: Develop key long-range facility and process planning road-map for Blue Plains

**Future Supplemental Agreement Scope:**

- None anticipated at this time

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Cost Plus Fixed Fee	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	Engineering Services	<b>Contract Number:</b>	DCFA #449
<b>Contractor Market:</b>	Open Market		

**BUDGET INFORMATION**


<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Wastewater	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	A2, AL, AM, EE, GP, IC, JF		

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.22%	\$19,414,620.00
Washington Suburban Sanitary Commission	45.84%	\$21,590,640.00
Fairfax County	8.38%	\$3,946,980.00
Loudoun County & Potomac Interceptor	4.56%	\$2,147,760.00
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$ 47,100,000.00</b>

  
 Gail Alexander-Reeves  
 Director of Budget  
 Date 11/10/15

  
 Dan Bae  
 Director of Procurement  
 Date 11/15/15

  
 Leonard R. Benson  
 Chief Engineer  
 Date 11/10/15

  
 George S. Hawkins  
 General Manager  
 Date 12/18/15

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

**SUBJECT: Approval to Execute Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc.**

**#16-01  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc. The purpose of the contract is to purchase 17,500,000 pounds of liquid ferric chloride solution. The contract not-to-exceed amount is \$3,325,000.

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:  
FERRIC CHLORIDE  
(Joint Use)**

Approval to execute a contract for the supply and delivery of Ferric Chloride in the amount of \$3,325,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
Carter & Carter Enterprises, Inc. 212 Van Buren Street, NW Washington, DC 20012 (LSBE)		

**DESCRIPTION AND PURPOSE**

Contract Value, Not-To-Exceed:	\$3,325,000.00
Contract Time:	5 Years
Anticipated Contract Start Date (NTP):	01-11-2016
Anticipated Contract Completion Date:	01-10-2017
Bid Opening Date:	11-20-2015
Bids Received:	3
Other Bids Received:	
Kemira Water Solutions, Inc	\$3,255,000.00
PVS Technology	\$3,832,500.00
Preference Points Received:	\$100,000.00
Evaluation Bid Amount:	\$3,225,000.00 (after deducting the preference points)

**Purpose of the Contract:**

DC Water uses approximately 25,000,000 pounds of liquid ferric chloride solution annually. Ferric chloride is used at DC Water's Blue Plains Advanced Wastewater Treatment Plant (AWTP) as a coagulant to aid in settling solids, and for the purpose of precipitating phosphorus. Wastewater Treatment desires to award the contract to two (2) vendors with different manufacturers to assure the continuity of supply and increased competition during the bidding phase.

The procurement method utilized was an Invitation for Bid (IFB) and 2 vendors were selected:

Carter & Carter	Selected to provide 70% of the ferric chloride solution due to the lowest bid amount (a certified LSBE firm and received a \$100,000.00 price deduction).
PVS Technology	Selected to provide 30% of the ferric chloride solution due to the next lowest evaluation bid amount.
Kemira	Not selected because of the higher evaluation bid amount and their source (manufacturer) is also the same as Carter & Carter; thus not meeting the goal of 2 distinct manufacturers.)

This action is to contract with Carter & Carter Enterprises, Inc. for purchase of 17,500,000 pounds of liquid ferric chloride solution at annual contract value not to exceed \$3,325,000.00. This represents approximately 70% of the ferric chloride needed this year.

A separate contract will be issued to purchase the remaining 7,500,000 pounds (30%) of ferric chloride needed from PVS Technology.



**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Goods and Services	<b>Award Based On:</b>	Lowest responsive, responsible bidder
<b>Commodity:</b>	Ferric Chloride	<b>Contract Number:</b>	15-PR-WWT-53A
<b>Contractor Market:</b>	Open Market with Preference Points		

**BUDGET INFORMATION**

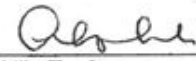
<b>Funding:</b>	Operation	<b>Department:</b>	Wastewater Treatment
<b>Service Area:</b>	Blue Plains AWTP	<b>Department Head:</b>	Salil M. Kharkar

**\*ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.63%	\$1,384,197.50
Washington Suburban Sanitary Commission	42.96%	\$1,428,420.00
Fairfax County	10.57%	\$351,452.50
Loudoun County	4.25%	\$141,312.50
Potomac Interceptor	0.59%	\$19,617.50
	<b>100.00%</b>	<b>\$3,325,000.00</b>

 / 12/10/15  
 Date  
 Gail Alexander-Reeves  
 Director of Budget

 / 12/9/15  
 Date  
 Dan Bae  
 Director of Procurement

 / 12/10/15  
 Date  
 Akilie Tesfaye  
 Assistant General Manager  
 Blue Plains

 / 12/18/15  
 Date  
 George S. Hawkins  
 General Manager

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

**SUBJECT: Approval to Execute Contract No. 15-PR-WWT-53B, PVS  
Technology**

**#16-02  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Contract No. 15-PR-WWT-53B, PVS Technology.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Contract No. 15-PR-WWT-53B, PVS Technology. The purpose of the contract is to purchase 7,500,000 pounds of liquid ferric chloride solution. The contract not-to-exceed amount is \$1,447,500.

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**

**GOODS AND SERVICE CONTRACT:**

**FERRIC CHLORIDE  
(Joint Use)**

Approval to execute a contract for the supply and delivery of Ferric Chloride in the amount of \$1,447,500.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
PVS Technology 10900 Harper Avenue Detroit, MI 48213		

**DESCRIPTION AND PURPOSE**

Contract Value, Not-To-Exceed:	\$1,447,500.00
Contract Time:	5 Years
Anticipated Contract Start Date (NTP):	01-11-2016
Anticipated Contract Completion Date:	01-10-2017
Bid Opening Date:	11-20-2015
Bids Received:	3
Other Bids Received	
Kemira Water Solutions, Inc	\$1,395,000.00
Carter & Carter	\$1,462,500.00
Preference Points Received:	0%
Evaluation Bid Amount:	\$1,447,500.00

**Purpose of the Contract:**

DC Water uses approximately 25,000,000 pounds of liquid ferric chloride solution annually. Ferric chloride is used at DC Water's Blue Plains Advanced Wastewater Treatment Plant (AWTP) as a coagulant to aid in settling solids, and for the purpose of precipitating phosphorus. Wastewater Treatment desires to award the contract to two (2) vendors with different manufacturers to assure the continuity of supply and increased competition during the bidding phase.

The procurement method utilized was an Invitation for Bid (IFB) and 2 vendors were selected:

Carter & Carter	Selected to provide 70% of the ferric chloride solution due to the lowest bid amount (a certified LSBE firm and received a \$100,000.00 price deduction).
PVS Technology	Selected to provide 30% of the ferric chloride solution due to the next lowest evaluation bid amount.
Kemira	Not selected because of the higher evaluation bid amount and their source (manufacturer) is also the same as Carter & Carter; thus not meeting the goal of 2 distinct manufacturers.)

This action is to contract with PVS Technology for purchase of up to 7,500,000 pounds of liquid ferric chloride solution at annual contract value not to exceed \$1,447,500.00. This represents approximately 30% of the ferric chloride needed this year.

A separate contract will be issued to purchase the remaining 17,500,000 pounds (70%) of ferric chloride needed from Carter & Carter.

No LSBE participation with this procurement.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Goods and Services	<b>Award Based On:</b>	Lowest responsive, responsible bidder
<b>Commodity:</b>	Ferric Chloride	<b>Contract Number:</b>	15-PR-WWT-53B
<b>Contractor Market:</b>	Open Market with Preference Points		


**BUDGET INFORMATION**

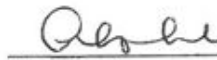
<b>Funding:</b>	Operation	<b>Department:</b>	Wastewater Treatment
<b>Service Area:</b>	Blue Plains AWTP	<b>Department Head:</b>	Salil M. Kharkar

**\*ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.63%	\$602,594.25
Washington Suburban Sanitary Commission	42.96%	\$621,846.00
Fairfax County	10.57%	\$153,000.75
Loudoun County	4.25%	\$61,518.75
Potomac Interceptor	0.59%	\$8,540.25
	<b>100.00%</b>	<b>\$1,447,500.00</b>

 , 12/10/15  
 Gail Alexander-Reeves Date  
 Director of Budget

 , 12/8/15  
 Dan Bae Date  
 Director of Procurement

 , 12/10/15  
 Akile Tesfaye Date  
 Assistant General Manager  
 Blue Plains

 , 12/18/15  
 George S. Hawkins Date  
 General Manager

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

**SUBJECT: Approval to Exercise Option Year Three of Contract No.  
WAS-12-029-AA-JR, M.C. Dean, Inc.**

**#16-03  
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 January 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-12-029-AA-JR, M.C. Dean, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Three of Contract No. WAS-12-029-AA-JR, M.C. Dean, Inc. The purpose of the option is to provide annual maintenance of high and low voltage switchgear throughout DC Water facilities. The option amount is \$2,527,000.

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  
Electrical Power Distribution Equipment  
Joint Use**

Approval to exercise option year three (3) of the electrical power distribution equipment contract in the amount of \$2,527,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
M. C. Dean, Inc. 22461 Shaw Road Dulles, VA 20166		

**DESCRIPTION AND PURPOSE**

Base Year Contract Value:	\$2,490,000.00
Contract Base Period:	03-26-2013 – 03-25-2014
Number of Option Years:	4
Option Year (1) Values:	\$2,490,000.00
Option Year (1) Dates:	03-26-2014 – 03-25-2015
Option Year (2) Values:	\$2,960,000.00
Option Year (2) Dates:	03-26-2015 – 03-25-2016
<b>Option Year (3) Values:</b>	<b>\$2,527,000.00</b>
<b>Option Year (3) Dates:</b>	<b>03-26-2016 – 03-25-2017</b>

**Purpose of the Contract:**

DC Water Maintenance Services and Distribution Conveyance Systems departments have a continuing need for annual maintenance of high and low voltage switchgear throughout DC Water facilities.

**Original Contract Scope:**

To provide supervisory personnel and technicians, as well as materials and supplies, needed for the maintenance of high and low voltage switchgear to ensure reliable electric power for the overall operation of DC Water facilities.

**Spending Previous Year:**

Cumulative Contract Value:	03-26-2013 to 03-25-2016: \$7,940,000.00
Cumulative Contract Spending:	03-26-2013 to 12-08-2016: \$6,336,699.69

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Best Value
<b>Commodity:</b>	Service	<b>Contract Number:</b>	WAS-12-029-AA-JR
<b>Contractor Market:</b>	Open Market with Preference Points		

**JOINT-USE (DIRECT)**

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Maintenance Services
<b>Service Area:</b>	Blue Plains	<b>Department Head:</b>	Anthony Mack

**ESTIMATED USER SHARE INFORMATION**

User	Share %*	Dollar Amount
District of Columbia	41.63%	\$843,840.10
Washington Suburban Sanitary Commission	42.96%	\$870,799.20
Fairfax County	10.57%	\$214,253.90
Loudoun County	4.25%	\$86,147.50
Potomac Interceptor	0.59%	\$11,959.30
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$2,027,000.00</b>

\*NOTE: Actual usage and cost by facility (either joint-use or non-joint use) varies each fiscal year and are charged to IMA participants based on actual costs at joint-use facilities (i.e., Blue Plains, Potomac Pumping Station, etc.). Services provided to non-joint facilities (i.e., Bryant Street Pumping Station) are charged directly to District ratepayers. In prior fiscal years, the majority of services provided under this contract have been for joint use facilities and for indicative purposes; the user shares shown above reflect Blue Plain's usage.

**JOINT USE (INDIRECT)**

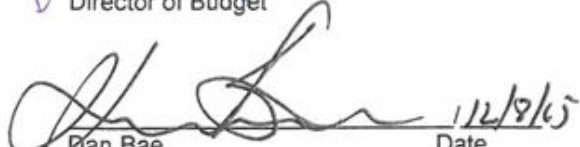
**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Department of Distribution Conveyance System
<b>Service Area:</b>	DC Water-Wide	<b>Department Head:</b>	Charles Sweeney


**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	84.40%	\$422,000.00
Washington Suburban Sanitary Commission	11.41%	\$57,050.00
Fairfax County	2.87%	\$14,350.00
Loudoun County	1.16%	\$5,800.00
Potomac Interceptor	0.16%	\$800.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$500,000.00</b>

  
\_\_\_\_\_  
Gail Alexander-Reeves      Date  
Director of Budget

  
\_\_\_\_\_  
Dan Bae      1/2/8/15  
Director of Procurement      Date

  
\_\_\_\_\_  
Akile Tesfaye      1/2/10/15  
Assistant General Manager      Date  
Blue Plains

  
\_\_\_\_\_  
George S. Hawkins      1/2/18/15  
General Manager      Date



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

**SUBJECT: Approval to Exercise Option Year Two of Contract No.  
14-PR-DIT-01, Advance Digital Systems**

**#16-04  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Two of Contract No. 14-PR-DIT-01, Advance Digital Systems.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 14-PR-DIT-01, Advance Digital Systems. The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$600,000.

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:**

**Information Technology Professional Services  
(Joint Use)**

Approval to execute option year two (2) for information technology professional services for the not-to-exceed amount of \$600,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
Advance Digital Systems 10560 Main Street, Suite 214 Fairfax, Virginia 22030 (LSBE)		

**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$567,312.00
Original Contract Dates:	02-01-2014—01-31-2015
No. of Option Years in Contract:	2
Option Year (1) Values:	\$650,000.00
Option Year (1) Dates:	02-01-2015—01-31-2016
<b>Option Year (2) Values:</b>	<b>\$600,000.00</b>
<b>Option Year (2) Dates:</b>	<b>02-01-2016—01-31-2017</b>

**Purpose of the Contract:**

To contract for IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department.

**Original Contract Scope:**

To provide professional services to implement and support the Enterprise Document Management System, Lan/Wan and Helpdesk support.

**Spending Previous Year:**

Cumulative Contract Value:	02-01-2014 to 01-31-2016: \$1,217,312.00
Cumulative Contract Spending:	02-01-2014 to 11-30-2015: \$515,912.25

**Contractor's Past Performance:**

The contractor's past performance has been satisfactory.

**PROCUREMENT INFORMATION**

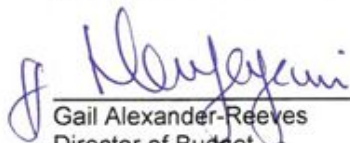
<b>Contract Type:</b>	Firm Fixed Labor Rate	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	IT Professional Services	<b>Contract Number:</b>	14-PR-DIT-01
<b>Contractor Market:</b>	Open Market with LBE and LSBE Preference Participation		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Information Technology
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Thomas Kuczynski


**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	84.40%	\$506,400.00
Washington Suburban Sanitary Commission	11.41%	\$68,460.00
Fairfax County	2.87%	\$17,220.00
Loudoun County	1.16%	\$6,960.00
Other (Potomac Interceptor)	0.16%	\$960.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$600,000.00</b>

 , 12/10/15  
 \_\_\_\_\_ Date  
 Gail Alexander-Reeves  
 Director of Budget

 , 12/10/15  
 \_\_\_\_\_ Date  
 Dan Bae  
 Director of Procurement

 , 11/29/15  
 \_\_\_\_\_ Date  
 Thomas Kuczynski  
 Chief information Officer  
 Information Technology

 , 12/10/15  
 \_\_\_\_\_ Date  
 George S. Hawkins  
 General Manager

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

**SUBJECT: Approval to Exercise Option Year Two of Contract No. 14-PR-DIT-02, IMG, Inc.**

**#16-05  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Two of Contract No. 14-PR-DIT-02, IMG, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 14-PR-DIT-02, IMG, Inc. The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$300,000.

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:  
Information Technology Professional Services  
(Joint Use)**

Approval to execute option year two (2) for information technology professional services for the not-to-exceed amount of \$300,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> IMG, Inc. 5418 Seminary Road Alexandria, Virginia 22311 (LSBE)	<b>SUBS:</b>	<b>PARTICIPATION:</b>
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$406,832.00
Original Contract Dates:	02-01-2014—01-31-2015
No. of Option Years in Contract:	2
Option Year (1) Values:	\$400,000.00
Option Year (1) Dates:	02-01-2015—01-31-2016
<b>Option Year (2) Values:</b>	<b>\$300,000.00</b>
<b>Option Year (2) Dates:</b>	<b>02-01-2016—01-31-2017</b>

**Purpose of the Contract:**

To contract for IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department.

**Original Contract Scope:**

Provides SCADA and LAN/WAN IT support.

**Spending Previous Year:**

Cumulative Contract Value:	02-01-2014 to 01-31-2016: \$806,832.00
Cumulative Contract Spending:	02-01-2014 to 11-30-2015: \$642,514.00

**Contractor's Past Performance:**

The contractor's past performance has been satisfactory.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Firm Fixed Labor Rate	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	IT Professional Services	<b>Contract Number:</b>	14-PR-DIT-02
<b>Contractor Market:</b>	Open Market with LBE and LSBE Preference Participation		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Information Technology
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Thomas Kuczynski

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	84.40%	\$253,200.00
Washington Suburban Sanitary Commission	11.41%	\$34,230.00
Fairfax County	2.87%	\$8,610.00
Loudoun County	1.16%	\$3,480.00
Other (Potomac Interceptor)	0.16%	\$480.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$300,000.00</b>

 , 12/10/15  
 Gail Alexander-Reeves Date  
 Director of Budget

 , 12/18/15  
 Dan Bae Date  
 Director of Procurement

 , 12/18/15  
 Thomas Kuczynski Date  
 Chief information Officer  
 Information Technology

 , 12/18/15  
 George S. Hawkins Date  
 General Manager

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

**SUBJECT: Approval to Exercise Option Year Two of Contract No.  
14-PR-DIT-03, Mansai Corporation**

**#16-06  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Two of Contract No. 14-PR-DIT-03, Mansai Corporation.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 14-PR-DIT-03, Mansai Corporation. The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$450,000.

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:**

**Information Technology Professional Services  
(Joint Use)**

Approval to execute option year two (2) for information technology professional services for the not-to-exceed amount of \$450,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Mansai Corporation 7335A Hanover Parkway Greenbelt, Maryland 20770 (LSBE)	<b>SUBS:</b>	<b>PARTICIPATION:</b>
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$363,408.00
Original Contract Dates:	02-01-2014—01-31-2015
No. of Option Years in Contract:	2
Option Year (1) Values:	\$315,000.00
Option Year (1) Dates:	02-01-2015—01-31-2016
<b>Option Year (2) Values:</b>	<b>\$450,000.00</b>
<b>Option Year (2) Dates:</b>	<b>02-01-2016—01-31-2017</b>

**Purpose of the Contract:**

To contract for IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department.

**Original Contract Scope:**

To provide professional services for our Enterprise Systems and Helpdesk support.

**Spending Previous Year:**

Cumulative Contract Value:	02-01-2014 to 01-31-2016: \$678,408.00
Cumulative Contract Spending:	02-01-2014 to 11-30-2015: \$508,611.50

**Contractor's Past Performance:**

The contractor's past performance has been satisfactory.



**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Firm Fixed Labor Rate	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	IT Professional Services	<b>Contract Number:</b>	14-PR-DIT-03
<b>Contractor Market:</b>	Open Market with LBE and LSBE Preference Participation		

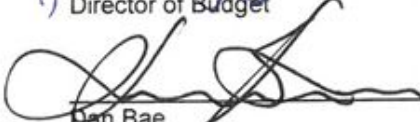
**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Information Technology
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Thomas Kuczynski

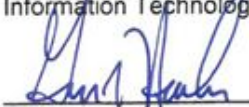
**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	84.40%	\$379,800.00
Washington Suburban Sanitary Commission	11.41%	\$51,345.00
Fairfax County	2.87%	\$12,915.00
Loudoun County	1.16%	\$5,220.00
Other (Potomac Interceptor)	0.16%	\$720.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$450,000.00</b>

  
 Gail Alexander-Reeves  
 Director of Budget  
 Date 12/10/15

  
 Dan Bae  
 Director of Procurement  
 Date 12/8/15

  
 Thomas Kuczynski  
 Chief information Officer  
 Information Technology  
 Date 12/9/15

  
 George S. Hawkins  
 General Manager  
 Date 12/13/15

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

**SUBJECT: Approval to Exercise Option Year Two of Contract No. 14-PR-DIT-04, Namtra Business Solutions**

**#16-07  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Two of Contract No. 14-PR-DIT-04, Namtra Business Solutions.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 14-PR-DIT-04, Namtra Business Solutions. The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$650,000.

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:**

**Information Technology Professional Services  
(Joint Use)**

Approval to execute option year two (2) for information technology professional services for the not-to-exceed amount of \$650,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Namtra Business Solutions 11800 Sunrise Valley Drive, Suite 317 Reston, Virginia 20191 (LSBE)	<b>SUBS:</b>	<b>PARTICIPATION:</b>
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$927,378.24
Original Contract Dates:	02-01-2014—01-31-2015
No. of Option Years in Contract:	2
Option Year (1) Values:	\$740,000.00
Option Year (1) Dates:	02-01-2015—01-31-2016
<b>Option Year (2) Values:</b>	<b>\$650,000.00</b>
<b>Option Year (2) Dates:</b>	<b>02-01-2016—01-31-2017</b>

**Purpose of the Contract:**

To contract for IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department.

**Original Contract Scope:**

To provide professional services to our Maximo, Enterprises and Lan/Wan systems.

**Spending Previous Year:**

Cumulative Contract Value:	02-01-2014 to 01-31-2016: \$1,667,378.24
Cumulative Contract Spending:	02-01-2014 to 11-30-2015: \$1,271,034.65

**Contractor's Past Performance:**

The contractor's past performance has been satisfactory.

**PROCUREMENT INFORMATION**


<b>Contract Type:</b>	Firm Fixed Labor Rate	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	IT Professional Services	<b>Contract Number:</b>	14-PR-DIT-04
<b>Contractor Market:</b>	Open Market with LBE and LSBE Preference Participation		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Information Technology
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Thomas Kuczynski

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	84.40%	\$548,600.00
Washington Suburban Sanitary Commission	11.41%	\$74,165.00
Fairfax County	2.87%	\$18,655.00
Loudoun County	1.16%	\$7,540.00
Other (Potomac Interceptor)	0.16%	\$1,040.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$650,000.00</b>


  
 Gail Alexander-Reeves      Date: 12/10/15  
 Director of Budget


  
 Dan Bae      Date: 12/8/15  
 Director of Procurement


  
 Thomas Kuczynski      Date: 12/10/15  
 Chief information Officer  
 Information Technology


  
 George S. Hawkins      Date: 12/19/15  
 General Manager

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

**SUBJECT: Approval to Exercise Option Year Two of Contract No. 14-PR-DIT-05, MVS, Inc.**

**#16-08  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Two of Contract No. 14-PR-DIT-05, MVS, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 14-PR-DIT-05, MVS, Inc. The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$550,000.

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:  
Information Technology Professional Services  
(Joint Use)**

Approval to execute option year two (2) for information technology professional services for the not-to-exceed amount of \$550,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> MVS, Inc. 1401 14 <sup>th</sup> Street, NW, Suite 200 Washington, DC 20005 (LSBE)	<b>SUBS:</b>	<b>PARTICIPATION:</b>
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$408,590.72
Original Contract Dates:	02-01-2014—01-31-2015
No. of Option Years in Contract:	2
Option Year (1) Values:	\$350,000.00
Option Year (1) Dates:	02-01-2015—01-31-2016
<b>Option Year (2) Values:</b>	<b>\$550,000.00</b>
<b>Option Year (2) Dates:</b>	<b>02-01-2016—01-31-2017</b>

**Purpose of the Contract:**

To contract for IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department.

**Original Contract Scope:**

To provide professional services for Network/Data Operations, Engineering, Oracle DBA and Helpdesk support.

**Spending Previous Year:**

Cumulative Contract Value:	02-01-2014 to 01-31-2016: \$758,590.72
Cumulative Contract Spending:	02-01-2014 to 11-30-2015: \$448,767.20

**Contractor's Past Performance:**

The contractor's past performance has been satisfactory.

**PROCUREMENT INFORMATION**


<b>Contract Type:</b>	Firm Fixed Labor Rate	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	IT Professional Services	<b>Contract Number:</b>	14-PR-DIT-05
<b>Contractor Market:</b>	Open Market with LBE and LSBE Preference Participation		

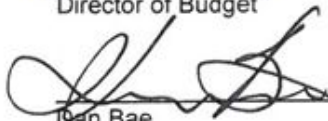
**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Information Technology
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Thomas Kuczynski

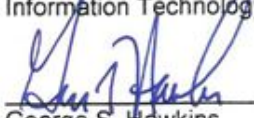
**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	84.40%	\$464,200.00
Washington Suburban Sanitary Commission	11.41%	\$62,755.00
Fairfax County	2.87%	\$15,785.00
Loudoun County	1.16%	\$6,380.00
Other (Potomac Interceptor)	0.16%	\$880.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$550,000.00</b>

  
 \_\_\_\_\_  
 Gail Alexander-Reeves      Date  
 Director of Budget      12/01/15

  
 \_\_\_\_\_  
 Ian Bae      Date  
 Director of Procurement      12/8/15

  
 \_\_\_\_\_  
 Thomas Kuczynski      Date  
 Chief information Officer      11/9/15  
 Information Technology

  
 \_\_\_\_\_  
 George S. Hawkins      Date  
 General Manager      12/18/15

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

**SUBJECT: Approval to Exercise Option Year Two of Contract No. 14-PR-DIT-06, Mega-Tech**

**#16-09  
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 January 7, 2016 upon consideration of a joint use matter, decided by a vote of \_\_\_() in favor and \_\_\_() opposed to execute Option Year Two of Contract No. 14-PR-DIT-06, Mega-Tech.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 14-PR-DIT-06, Mega-Tech. The purpose of the option is to provide IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department. The option amount is \$650,000.

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:**

**Information Technology Professional Services  
(Joint Use)**

Approval to execute option year two (2) for information technology professional services for the not-to-exceed amount of \$650,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Mega-Tech 701 West Broad Street, Suite 411 Falls Church, Virginia 22046 (LSBE)	<b>SUBS:</b>	<b>PARTICIPATION:</b>
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$480,920.00
Original Contract Dates:	02-01-2014—01-31-2015
No. of Option Years in Contract:	2
Option Year (1) Values:	\$450,000.00
Option Year (1) Dates:	02-01-2015—01-31-2016
<b>Option Year (2) Values:</b>	<b>\$650,000.00</b>
<b>Option Year (2) Dates:</b>	<b>02-01-2016—01-31-2017</b>

**Purpose of the Contract:**

To contract for IT Professional Services for the District of Columbia Water and Sewer Authority (DC Water) Information Technology department.

**Original Contract Scope:**

To continue to provide professional services for Maximo, GIS Systems, and Helpdesk support.

**Spending Previous Year:**

Cumulative Contract Value:	02-01-2014 to 01-31-2016:	\$930,920.00
Cumulative Contract Spending:	02-01-2014 to 11-30-2015:	\$832,813.00

**Contractor's Past Performance:**

The contractor's past performance has been satisfactory.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Firm Fixed Labor Rate	<b>Award Based On:</b>	Highest Ranking Score
<b>Commodity:</b>	IT Professional Services	<b>Contract Number:</b>	14-PR-DIT-06
<b>Contractor Market:</b>	Open Market with LBE and LSBE Preference Participation		

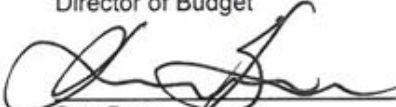
**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Information Technology
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Thomas Kuczynski

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	84.40%	\$548,600.00
Washington Suburban Sanitary Commission	11.41%	\$74,165.00
Fairfax County	2.87%	\$18,655.00
Loudoun County	1.16%	\$7,540.00
Other (Potomac Interceptor)	0.16%	\$1,040.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$650,000.00</b>

 12/08/15  
 Gail Alexander-Reeves Date  
 Director of Budget

 12/10/15  
 Dan Bae Date  
 Director of Procurement

 11/29/15  
 Thomas Kuczynski Date  
 Chief information Officer  
 Information Technology

 12/18/15  
 George S. Hawkins Date  
 General Manager

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

**Subject: Approval for Notice of Proposed Rulemaking to Establish a New System Availability Fee**

**#16-10  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The District members of the Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the DC Water") at the Board meeting held on January 7, 2016 decided, in a non-joint use matter, by a vote of \_\_\_\_ ( ) in favor and \_\_\_\_ ( ) opposed, to take the following action with respect to the approval for the proposed new System Availability Fee.

**WHEREAS**, DC Water establishes rates, fees and charges in accordance with its Rate Setting Policy (Board Resolution #11-10), including the recovery of current costs to provide service; and

**WHEREAS**, on February 24, 2015, DC Water proposed a new Development Impact Fee assessed to new development or redevelopment to recover the investment in available system capacity based on meter size; and

**WHEREAS**, on February 24, 2015, the DC Retail Water and Sewer Rates Committee met to consider the proposed new Development Impact Fee; and

**WHEREAS**, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment the proposed new Development Impact Fee schedule for all Residential Customers with meters 1" inch and smaller (5/8", 3/4", and 1") and a separate fee schedule for all Residential (with meter sizes greater than 1"), Multi-Family and Non-Residential Customers based on their meter size; and

**WHEREAS**, on March 19, 2015, the Board by Resolution #15-32, approved the Notice of Proposed Rulemaking to establish the new Development Impact Fee for publication in the *D.C. Register*; and

**WHEREAS**, DC Water conducted additional analysis in March 2015, which revealed that the fee name, fee business processes, and fee definitions needed additional revisions and therefore did not publish the Development Impact Fee Notice of Proposed Rulemaking in the *D.C. Register*; and

**WHEREAS**, on December 18, 2015 the General Manager recommended to the DC Retail Water and Sewer Rates Committee to revise the original proposal for the Development Impact Fee now known as the System Availability Fee, which would add a new subsection 112.11 and definitions in Section 199, to Chapter 1 of the District of Columbia Municipal Regulations; and

**WHEREAS**, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment the revised proposed rulemaking for a new System Availability Fee schedule for all Residential Customers with meters sizes 2" inch and smaller, and SAF schedule for all Multi-Family and Non-Residential Customers based on their meter size; and

**WHEREAS**, after consideration of the recommendation of the DC Retail Water and Sewer Rates Committee, the District members of the Board of Directors, upon further consideration and discussion, agree to establish the proposed System Availability Fee.

**NOW THEREFORE BE IT RESOLVED THAT:**

1. The Board approves the proposed amendment to the District of Columbia Municipal Regulations to establish the new System Availability Fee as shown below:
  - A. To add a new subsection to establish the System Availability Fee (SAF) (formerly proposed as the Development Impact Fee) set forth in section 112 (Fees) of Chapter 1 (Water Supply) of the District of Columbia Municipal Regulations, as follows:
    - 112.11 Effective April 1, 2016, DCRA Construction Permit Applicants and federal facilities shall be assessed a System Availability Fee (SAF) for new water and sewer connections and renovation or redevelopment projects for existing connections to the District's potable water and sanitary sewer systems based on the SAF meter size in accordance with the following fee schedule and requirements:
      - (a) Residential customers shall be charged a System Availability Fee based on the SAF meter size as listed below:

SAF Meter Size (inches)	Water System Availability Fee	Sewer System Availability Fee	Total System Availability Fee
5/8"	\$ 1,135	\$ 2,809	\$ 3,944
3/4"	\$ 1,135	\$ 2,809	\$ 3,944
1"	\$ 1,135	\$ 2,809	\$ 3,944
1"x1.25"	\$ 2,047	\$ 5,066	\$ 7,113
1.5"	\$ 5,491	\$ 13,591	\$ 19,082
2"	\$ 11,125	\$ 27,536	\$ 38,661

- (b) Multi-Family and all Non-Residential customers shall be charged a System Availability Fee based on the SAF meter size as listed below:

SAF Meter Size (inches)	Water System Availability Fee	Sewer System Availability Fee	Total System Availability Fee
1" or smaller	\$ 1,282	\$ 3,173	\$ 4,455
1"x1.25"	\$ 2,047	\$ 5,066	\$ 7,113
1.5"	\$ 5,491	\$ 13,591	\$ 19,082
2"	\$ 11,125	\$ 27,536	\$ 38,661
3"	\$ 32,500	\$ 80,442	\$ 112,942
4"	\$ 83,388	\$ 206,394	\$ 289,782
6"	\$ 229,246	\$ 567,408	\$ 796,654
8"	\$ 229,246	\$ 567,408	\$ 796,654
8"x2"	\$ 229,246	\$ 567,408	\$ 796,654
8"x4"x1"	\$ 229,246	\$ 567,408	\$ 796,654
10"	\$ 229,246	\$ 567,408	\$ 796,654
12"	\$ 229,246	\$ 567,408	\$ 796,654
16"	\$ 229,246	\$ 567,408	\$ 796,654

- (c) The SAF meter size shall be computed for the peak water demand, excluding fire demand in accordance with DC Construction Codes Supplement, as amended, Chapter 3 (Water Meters) of this title, and DC Water Standard Details and Guideline Masters.
- (d) The System Availability Fee shall be assessed for any new premises, building or structure that requires a metered water service connection to the District's potable water and/or sanitary sewer systems.
- (e) The System Availability Fee shall be assessed for renovation or redevelopment projects for any premises, building or structure that requires a metered water service connection to the District's potable water and/or sanitary sewer systems.
- (f) For a renovation or redevelopment project on a property that already had/has a DC Water meter(s) and account(s), DC Water shall determine the net System Availability Fee based on the difference between the property's new System Availability Fee determined by the SAF meter size(s) and the System Availability Fee determined by the old meter size(s) for the meters(s) being removed from the system.
- (g) If the net System Availability Fee is zero or less, no System Availability Fee shall be charged.

- (h) If the net System Availability Fee is greater than zero, DC Water shall provide System Availability Fee credits for the removed capacity and assess the net System Availability Fee.
- (i) Properties under renovation or redevelopment shall not receive a System Availability Fee credit for the DC Water account(s) that are/have been inactive during the twelve month period prior to DC Water's issuance of the Certificate of Approval.
- (j) For DCRA Construction Permit applicants, payment of the System Availability Fee shall be a condition for DC Water's issuance of the Certificate of Approval.
- (k) DCRA Construction Permit applicants that submitted plans and specifications to DC Water prior to the effective date of these regulations, shall not be subject to the System Availability Fee provided:
  - (1) The DC Water Engineering Review fee(s) has been paid;
  - (2) The plans, specifications and other information conform to the requirements of the DC Construction Codes Supplement, as amended, and are sufficiently complete to allow DC Water to complete its Engineering Review without substantial changes or revisions; and
  - (3) DC Water issues the Certificate of Approval within one year after the effective date of these regulations.
- (l) For federal facilities, payment of the System Availability Fee shall be a condition of DC Water's issuance of the Certificate of Approval.
- (m) After the effective date of these regulations to December 31, 2019, the property owner may request to pay the System Availability Fee in four equal installments, with the final payment due on or before one year after the execution date of a Payment Plan Agreement. Execution of a Payment Plan Agreement and payment of the first installment payment, shall be a condition of DC Water's issuance of the Certificate of Approval.
- (n) In the case that the DCRA Construction Permit is not issued or is revoked or the construction project is abandoned or discontinued, upon written request from the property owner, DC Water shall issue the property owner a refund of the System Availability Fee.

Section 199 is amended by adding the following terms and definitions to read as follows:

**Development** – the construction of a premises, building or structure that establishes a new water and/or sewer connection.

**Redevelopment** – the renovation or alteration of a premises, building or structure or reconstruction of a property that increases or decreases the water supply demand or drainage, waste, and vent (DWV) system load. Redevelopment shall not include the up-sizing of a water service or sewer lateral to comply with the D.C. Construction Codes Supplement, provided the water supply demand and DMV system load remain the same.

**System Availability Fee** – A one-time fee assessed to a property owner of any premises, building or structure to recover the cost of system capacity put in place to serve all metered water service and sanitary sewer connections and renovation or redevelopment projects that require an upsized meter service connection to the District's potable water system. The fee is assessed based on the peak water demand, excluding fire demand, for new meter water service connection and renovation or redevelopment projects that increase the peak water demand and associated SAF meter size for the property.

The Board requests comments on these proposed regulations and comments on a proposal to provide exemptions for charitable organizations and affordable housing.

2. The General Manager is authorized to take all steps necessary in his judgment and as otherwise required, to initiate the public comment process and shall provide notice of the proposed System Availability Fee in the manner provided by the District of Columbia's Administrative Procedures.

This resolution shall be effective immediately.

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Secretary to the Board of Directors