



**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
260th MEETING OF THE BOARD OF DIRECTORS**

Thursday, January 2, 2020

9:30 a.m.

Headquarters

1385 Canal Street, SE

2nd Floor-Board Room

(FY 2021 Budget Workshop following Board meeting)

- I. **Call to Order (Chairman Tommy Wells)**
- II. **Roll Call (Linda Manley, Board Secretary)**
- III. **Approval of December 5, 2019 Meeting Minutes**
- IV. **Chairman's Overview**
- V. **Committee Reports**
 1. **Environmental Quality and Operations Committee (Howard Gibbs)**
- VI. **Issues of General Interest**
- VII. **CEO/General Manager's Report (David Gadis)**
- VIII. **Contract Summary (FYI)**
- IX. **Consent Items (Joint Use)**
 1. **Approval to Exercise Option Year Four of Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc. – Resolution No. 20-00 (Recommended by the Environmental Quality and Operations Committee 12/19/19)**
 2. **Approval to Execute Contract No. 19-PR-DWT-21A, Colonial Chemicals, Inc. – Resolution No. 20-01 (Recommended by the Environmental Quality and Operations Committee 12/19/19)**

3. [Approval to Execute Contract No. 20-PR-DFM-18, KLSL Consulting, LLC – Resolution No. 20-02](#) (Recommended by the Environmental Quality and Operations Committee 12/19/19)
4. [Approval to Execute Contract No. GS35F01119P, GS11T08BJD6001, Verizon Inc. and Verizon Wireless – Resolution No. 20-03](#) (Recommended by the Environmental Quality and Operations Committee 12/19/19)
5. [Approval to Execute Contract No. DC FA #503-WSA, AECOM Services of DC – Resolution No. 20-04](#) (Recommended by the Environmental Quality and Operations Committee 12/19/19)
6. [Approval to Execute Contract No. 190010, Ulliman Schutte Construction, LLC – Resolution No. 20-05](#) (Recommended by the Environmental Quality and Operations Committee 12/19/19)

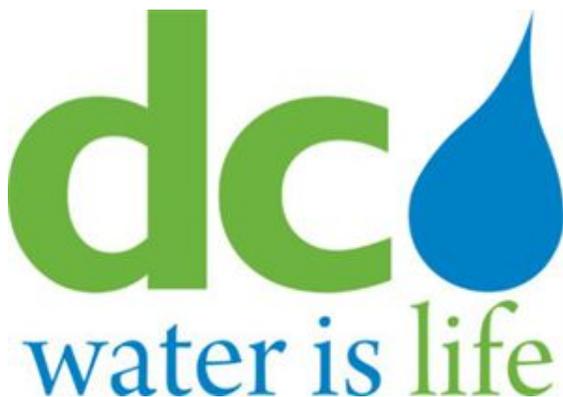
X. Executive Session

XI. Adjournment (Chairman Tommy Wells)

1 The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); contract negotiations under D.C. Official Code § 2-575(b)(2); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4)(A); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security under D.C. Official Code § 2-575(b)(8); disciplinary matters under D.C. Official Code § 2-575(b)(9); personnel matters under D.C. Official Code § 2-575(b)(10); proprietary matters under D.C. Official Code § 2-575(b)(11); train and develop members of a public body and staff under D.C. Official Codes § 2-575(b)(12); decision in an adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14), and other matters provided in the Act.

Upcoming Committee Meetings – New Headquarters Building

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



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Meeting**

Thursday, December 19, 2019

9:32 a.m.

MEETING SUMMARY

Committee Members

Howard Gibbs (Vice Chair, teleconference)
Randy Bartlett (teleconference)
Steven Shofar (teleconference)
Ivan Frishberg (teleconference)
Joseph Gill (teleconference)

DC Water Staff Present

David Gadis, CEO/GM (teleconference)
Marc Battle, EVP for Legal Affairs
Matthew Brown, EVP Finance & Procurement
Leonard Benson, Chief Engineer & Sr. VP
Linda Manley, Board Secretary

I. Call to order

Mr. Gibbs called the meeting to order at 9:32 a.m. Mr. Gibbs informed attendees that the Committee meeting will be held by exception and requested only contractor fact sheets be presented to the Committee.

II. ACTION ITEMS

Joel Grosser, Director, Procurement, DC Water, presented Joint Use Action Items 1 through 4. Leonard Benson, Chief Engineer, DC Water, presented Actions Items 5 and 6.

JOINT USE

- 1. Contract No.: 15-PR-WWT-53A – Supply and Delivery of Ferric Chloride, Carter & Carter
- 2. Contract No.: 19-PR-DWT-21A – Supply and Delivery of Methanol, Colonial Chemicals

The Committee inquired if Colonial Chemicals were the lowest bidder. Mr. Grosser replied in the affirmative.

- 3. Contract No.: 20-PR-DFM-18 – Temporary Staffing Services, KLSL Consulting

The Committee inquired as why these employees are being outsourced. Mr. Grosser responded that this is mostly due to legacy but that the Authority is considering a business case evaluation (BCE) to bring personnel in-house as full-time employees within the Department of Fleet. The Committee also inquired if the new KLSL transfer employees will be getting reduced pay because

of the new contract. Mr. Grosser replied that under the new contract all employees will be getting equivalent if not higher salaries than in the previous contract.

4. Contract No.: GS35F0119P and GS11T08BJD6001 – Telecommunication Services, Verizon

The Committee requested DC Water provide a briefing on the Authority's efforts to meet evolving cyber security threats. Mr. Grosser replied DC Water will prepare such a briefing for a later Committee meeting.

5. Contract No.: DCFA #503 – Wastewater Treatment Program Manager II, AECOM Services of DC

The Committee inquired if the budget for the Program was \$25 million and whether DC Water plans to bring some of this work in-house in the future. Mr. Benson replied that the objective is to bring staff in house but the budget of \$25 million covers the total cost if the insourcing occurs at a slower rate than anticipated.

6. Contract No.: 190010 – Progressive Design Build – Rehab of the PI Between MH31 and MH30, Ulliman Schutte Construction, LLC

The Committee inquired as to how DC Water intends to ensure the MBE/WBE participation goals will be met in the event DC Water is forced to change contractors at completion of Phase I. Mr. Benson replied that another contractor would be selected to complete the work with the same MBE/WBE requirements in the contract. Mr. Benson went on to state that performance evaluation during and after Phase I completion is critical in award of Phase II and that the Authority has full confidence the contractor will meet the participation goals based on their long (25 year) performance history and record in meeting MBE/WBE goals with DC Water contracts.

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

III. OTHER BUSINESS/EMERGING ISSUES

None.

IV. EXECUTIVE SESSION

None.

V. ADJOURNMENT

The meeting was adjourned at 9:57 a.m.

Follow-up Items

1. Vice President, Information Technology, DC Water: provide a briefing on the Authority's efforts to meet evolving cyber security threats.



CEO'S REPORT

David L. Gadis

January 2020



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Interpretation of Charts A

Color Key

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



From the desk of the CEO

David L. Gadis



January 2020

Department of Operations and Engineering

Water Operations and Water Quality & Technology

Accomplishment(s)

- The Food Service Establishments/Fats, Oils and Grease (FSE/FOG) and Backflow Prevention Assemblies (BPA) fees-DC Water billed a total of \$126,310; \$43,829 for FSE/FOG and \$82,2484 for BPA.
- Water Operations helped kick off the new Lead Service Replacement Law by completing 33 full lead service lime replacements as part of the Franklin Street NE Small Diameter Water Main Replacement Project. Residents took advantage of the new law and had their lead service lines removed for free.

Operational Performance

- The Department responded to 89% of the emergency investigative calls within the 45-minute response time in November 2019. The measured target is 90% per month.
- There were 44.34 (50) Water main breaks per 100 miles of pipe for the month of November. The accepted national average is 25 breaks per 100 miles.
- The Department replaced 23 hydrants in November with a monthly target of 21 per month.

Progress Report

Water Quality & Technology (WQ&T)

- **Total Coliform Rule** – DC Water collected 242 samples in November 2019 for compliance with the Total Coliform Rule (TCR). DC Water met the TCR standards for November with none of the samples testing positive (0.0 percent) for total coliform. The federal regulatory trigger for further system evaluation is 5 percent positive for each month.
- **Lead and Copper Rule** – DC Water distributed 193 sample kits to customers between July and October 2019. Among the distributed kits, we received and submitted samples from 107 homes to the laboratory for analysis. Laboratory tests results are available for 107 homes and the 90 percentiles for lead were 2 ppb (1st draw) and 6 ppb (2nd draw).

- **Cross-Connection Control Surveys**- Completed 38 site inspections for compliance with Cross-Connection Control regulations.
- **Cross-Connection Control Compliance**-588 Backflow Prevention Assembly Annual Inspections by DC Water approved inspectors were received through the DC Water Third-Party Portal in October. Approximately 64% of all backflow preventers tracked were compliant (and passed inspection) as of November 30th.
- One illegal connection to fire hydrant investigation was completed by the compliance team.

Construction Contract Management Branch (CCMB)

- CCMB managed the completion of 85 water distribution system and 46 sewer/storm collection system rehabilitations and replacements with contracted resources in the month of November.
- The Public Space Restoration team successfully completed the restoration of 141 (110 water and 31 sewer) sites in support of water and sewer system operational activities.
- The Work Control group processed 395 District Department of Transportation permits in support of operational activities on behalf of Water and Sewer Operations. Operational permits include Emergency Work Requests (EWR's), Construction Permits, and Occupancy Permits.

Lead Service Replacement (LSR)

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

News and Events

- Staff and management from the Distribution Maintenance Branch (DMB) were recognized by the CEO/General Manager at the November 2019 Board Meeting for work performed on three separate Small Diameter Water Main Replacement projects in FY2019 [Locust Rd NW & 16th St NW, Unit Block of Franklin St NE, and 321 K St NE Alley Main].



Sewer Operations

Accomplishment(s)

- On November 21, staff testified before a DC Labor Council hearing regarding his experience with the recently implemented apprenticeship program at DC Water that assists returning citizens and District residents seeking jobs. He articulated that because of this work opportunity and training, he has regained custody of his two daughters and purchased his first home. Working with Sewer Operations, he believes has changed his life and allowed him to rebuild his character and image.

Operational Performance - Completed Projects and Blue Print Initiatives

- **Strategic Program #4: Driving Performance (NPDES Regulatory requirement)**
 - Cleaned 1105 catch basins in the Combined Service Area this month; 10394(97%) for the calendar year.
 - Cleaned 1125 catch basins in the MS4 Service Area this month; 13,292 (90%) for the calendar year.
 - Removed 20 tons of floatable debris from the Anacostia River this month. Calendar year to date 360 tons.
- **Strategic Program #5: Leveraging Technology**
 - Identified and performed CIPP on 6 laterals.

Progress Report

- Staff working with Engineering Services submitted structural plans to provide better support for the dry-stack stone wall (in picture) above a rebuilt partially collapsed bulkhead arch over our 9-foot storm sewer in Foundry Branch at Reservoir Road, NW. National Parks Service reviewed the plans, but will grant a permit for us to only clean up and backfill the area. No approval was given to work on the dry-stack stone wall. Backfill will start when the permit is available.
- Still awaiting schedule (possibly January 2020) for set-up application with specialty vendor regarding permanent sewer repair at Foundry Branch (Bulkhead/Leak Repair) location on the Potomac Interceptor.
- Staff worked with the Clean Rivers personnel to replace defective roadway plates that were installed over diversion structures for the tunnel operation. The original plates were damaged by heavy traffic on M Street, SE.
- Work was completed to rebuild the concrete encasement around the 10-inch sanitary sewer crossing the creek at 3350 Erie Street, SE see below for before and after photographs.

- The Asset Management group is locating manholes and relief valves on the out of service Anacostia Force Main and Gravity Sewer (AFM-GS) to document their precise location and to assist DETS with long range assessment planning for service restoration.
- Continuing reviewing FOG Hotspot locations with DETS Planning group to determine possible permanent remedial solutions.



News and Events

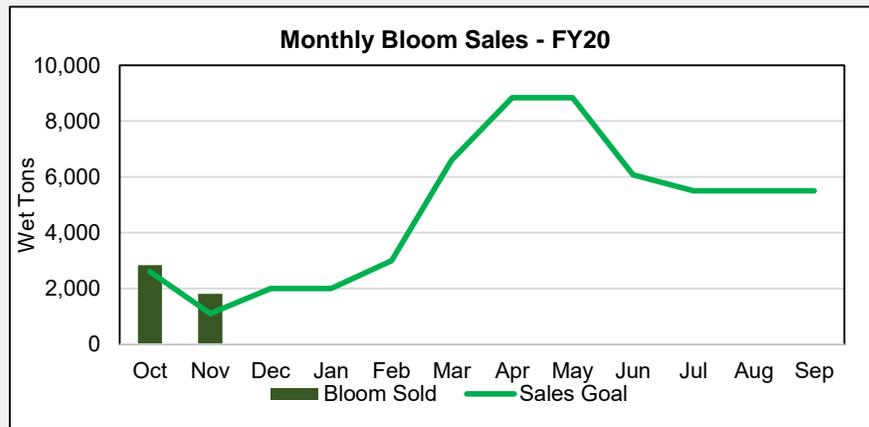
- Staff from Sewer Operations worked with the District's DPW Office to secure signatures on the FY 2020 interagency MOU for usage of their salt at watermain break locations and our assistance to provide drivers for snow removal in preparation of the upcoming winter season.

Wastewater Operations

Operational Performance

- **Blue Plains Complete Treatment Performance:** Average plant performance for the month of November 2019 was excellent with all effluent parameters well below the seven-day and monthly NPDES permit requirements. The monthly average flow through complete treatment and discharge to outfall 002, was 258 MGD. There was 10.17 million gallons of treated, captured combined flow directed to Outfall 001 during this period.
- **Wet Weather Treatment Facility (WWTF) Performance:** During the month of November, a total of 55 million gallons (MG) of wet weather flow captured in the tunnel system, was pumped, and treated through the Wet Weather Treatment Facility. Part of the treated flow or 44.83 MG was directed to the main plant to maximize complete treatment. The remaining flow or 10.17 MG was disinfected, dechlorinated, and discharged to Outfall 001.

- **Class A Bio-solids Quality:** All bio-solids produced during the month of November 2019 met Class A Exceptional Quality (EQ) requirements. Fecal coliform values in daily bio-solids cake samples, analyzed by DC Water Laboratory, have remained below 10 MPN/gram and well below the 1,000 MPN/gram requirement for Class A certification.
- **Bloom Marketing:** The total tons of Bloom marketed in October and November 2019 totaled approximately 4,600 tons. The goal for the current fiscal year (FY2020) is 60,000 tons or approximately 40 percent of anticipated total Class A bio-solids production. The chart below compares actual sales to goals on a monthly basis.



Progress Report

- **Blue Plains CIP Support:** Plant Process Engineering (PE) staff continue to support commissioning of major and new facilities including Filtrate Treatment Facilities (FTF), Tunnel Dewatering Pumping Station (TDPS), and Enhanced Clarification Facilities (ECF). During the 2019 fiscal year PE staff delivered approximately 80 hours of process systems training per operator on these major new facilities. These projects have a total CIP cost of over \$440M. Process Engineering staff continue to support other projects by reviewing designs and specifications and coordinating construction projects such as Raw Wastewater Pump Station Upgrade, Gravity Thickener Upgrades, and Filter Influent Pumps Replacement Project.



Wastewater Treatment Operations staff inspect equipment in the new Enhanced Clarification Facility

Progress Report (Cont'd)

- **Pretreatment Program and Wastewater Laboratory:** DC Water was notified in 2019 that EPA gave a rating of 99.5% for the 2017 Pretreatment Program Annual Report and 100% for the 2018 Pretreatment Program Annual Report. The Wastewater Laboratory received a 100% rating from EPA on the 2019 USEPA's Discharge Monitoring Report Quality Assurance (DMR-QA) Study.
- **Asset Management and Reliability Centered Maintenance:** In 2019, a cross functional team comprised of Operations and Maintenance, Asset Management, and Process Engineering conducted an internal review of 25,000 Preventive Maintenance (PM) plans covering 6,000 assets. The review highlighted several inefficiencies, including duplicated work and incorrect labor estimates. The review also resulted in reassignment of non-value-added PM labor hours on a per annum basis, through improvements to over 500 PM records and 200 job plan records touching over 2,000 pieces of equipment. In addition, the team completed 3 Reliability Centered Maintenance (RCM) studies on selected assets. RCM is an industry best practice approach to evaluating and recommending maintenance strategies, accomplished by a cross functional team of dedicated employees from Operations, Maintenance, and Process Engineering.
- O&M staff are increasingly using plant asset data analytics to understand plant process systems and equipment performance and drive decisions. One example is a weekly analysis on asset data extracted from the enterprise asset management software platform (Maximo) and Process Control System (PCS) showing critical equipment availability, to help drive work execution decisions and prioritize future capital improvement project needs.

Engineering and Technical Services**Accomplishment(s)**

- Opened bids for Small Diameter Water Main Replacement project (SDWMR) 13A on November 20, 2019. The low bid was 5.3M, which is \$100,000 below the engineer's estimate.
- Advertised Small Diameter Water Main Replacement projects 13D and 13C on December 8th and 15th respectively.
- Received Runner-Up for the 2019 "Stars of Water" Teamwork Award for the Danbury Station Residential Meter Installation Project. Team Members consisted of Vincent Morris, Sam Ofori, Mark Reid, Nahome Menker, Ignatius Ajemba, Nathan Mensah, Francis Peters, Thomas Wilson, April Bingham, and Tarsha Anderson)
- Completed the Inspection and Condition Assessment (ICA) Investigation for 66-inch Low Service Water Main.

Operational Performance

- Continued conducting hydraulic and vibration analysis for Potomac Pumping Station.
- Provided hydraulic modeling support required to respond to the Emergency Response and Boil Water Advisory because of the 36" water main break. The broken water main serves Arlington and Falls Church.
- Participated in the Potomac Interceptor site visit conducted on 10/02/19.

Progress Report

- Submitted Revision B of the Supplemental Project Design Manual for Vol 3 – Linear Infrastructure Design to Director for approval.
- Submitted the 2020 Standard Specifications book for approval.
- Presented fillable PDF bid forms to stakeholders for use in bidding projects.
- Design Lock-In approval for the 1st and D Storm water Rehabilitation project.
- Potomac Interceptor Phase 1 Pipe Rehabilitation at Clara Barton Parkway (LZ03) – Held a successful EA Scoping meeting with NPS on November 18, 2019, at their Great Falls office to discuss Purpose and Need, Alternatives Analysis, analysis of the potential for adverse environmental impact from the considered alternatives, Public Involvement, Agency Scoping, and required details associated with project design and construction plans.
- Potomac Interceptor Phase 2 Pipe Rehabilitation at Potomac Crossing (LZ04) – Received revised Cost proposal from Brown & Caldwell and in the process of negotiation.
- Potomac Interceptor Phase 6 Pipe Rehabilitation at Clara Barton Parkway and I-495 (LZ09) – Developed a draft design Task Order for CFR.
- Started the hiring process for GIS Tech II, start date scheduled for Jan 21, 2020.
- New software (Cyclomedia) selected and approved. It's a complete end-to-end solution for imagery capture, automated data processing and cloud-based hosting of georeferenced imagery. Purchase order in process.
- Continued reductions in monthly spending for the Water and Sewer Program Management Consultants.
- Met with COG and Black & Veatch to kick off the coordination efforts of alternate water source evaluations by DC Water and the Metropolitan Washington Council of Governments.
- Water distribution system contaminant warning study is on-going through involvement of stakeholders.
- Continued collaboration with DDOT projects, review of DDOT design submittals.
- On-going support to DC Water projects in securing new permits and renewal of expiring permits.

Progress Report (Cont'd)

- Continue planning and pre-design for the following CIP Projects:
 - RC07 Major Sewer Rehab 1-5 (Northeast Boundary)
 - RD03 Oxon Run Rehabilitation
 - QS02 Local Sewer Rehab Project 5-2.
 - RC01 Rehabilitation of Rock Creek Main Interceptor & Beach Drive Sewers
 - IL02 Creekbed Rehabilitation at Dumbarton Oaks
 - IM04 Creekbed Rehabilitation at Fort Dupont
 - HX02 Small Diameter Water Main Renewal 16B
 - HX03 Small Diameter Water Main Renewal 16C
 - G204 Rehab Gate Structure 5A, 5B, 5C, & Poplar Point PS Junction.
- Continued LZ07 Rehabilitation of the PI between MH31 and MH30 procurement process.
- Continued business case evaluation for 3rd St and Constitution Ave NW Pumping Station to determine the need for other rehabilitation projects.
- Continued the development of a dashboard to track the Small Diameter Water Main Renewal Program (SDWMR) and the Local Sewer Main Rehabilitation Program (LSMR).

News and Events

- Pubudu presented a paper on “Alternative Assessment and Project Delivery Along the Potomac to Rehabilitate a Challenging Interceptor Sewer” at the Chesapeake Water and Environmental Association fall seminar.

Wastewater Engineering

Operational Performance

- Continued update of standard operating procedures to improve efficiency in the production of construction bid documents.
- Recognized all department staff in a year-end gathering to express appreciation and review accomplishments.
- Engaged representatives of the Department of Safety and Health in review of designs so that safety-related features are incorporated into each design.

Progress Report

- Board of Directors approved a resolution to execute a \$5.5M design-build contract with Corman Kokosing Construction Company to construct a 660-foot portion of the floodwall to protect Blue Plains from a 500-year frequency flood event.
- Board of Directors approved a resolution to execute a \$2.7M Supplemental Agreement to the Tunnel Dewatering PS CM Agreement. This SA will allow for extended CM services needed to complete the TDPS project.
- Continued preparation of detailed design of the Central Operations Facility Switchgear Upgrade project.
- Reviewed and conditionally recommended approved for an after-tank crack repair at B/NJ and M-street (construction #160190, PCO#10 (\$500k). This is one of the recent in-house engineering design (J001)
- Continued development of final design for the Solar Project at Blue Plains.
- Continued preparation of detailed design for Reclaimed Final Effluent Pump Systems equipment.
- Continued development of Concept Finalization Report for Blue Plains Influent Structure Rehabilitation Project.
- Performed geotechnical investigations for the Biosolids Curing Pad at Blue Plains.
- Installation of new influent screens is ongoing at the Main Pump Station. Installation of the first screen is complete and ready for start-up testing.



News and Events

- Hosted Dunbar High School students for an engineering workshop facilitated by Engineering Tomorrow on December 11 and December 16. The subject of the first workshop was Embedded Systems and the second was Catapults and 3D printing.
- Scott Wheatley, Department of Wastewater Engineering participated in “*Engineering Day*” at Phelps Architecture Construction Engineering High School.



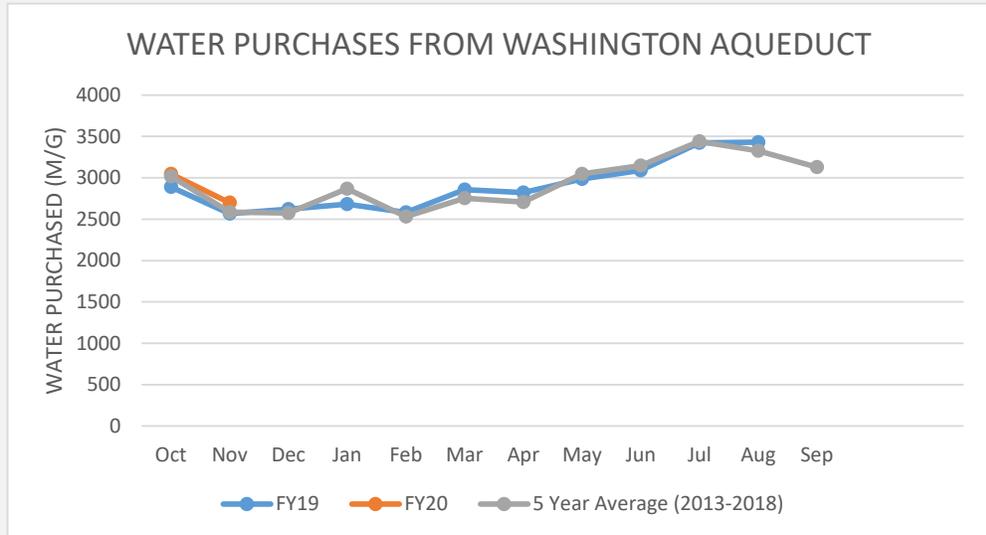
Department of Pumping Operations

Accomplishment(s)

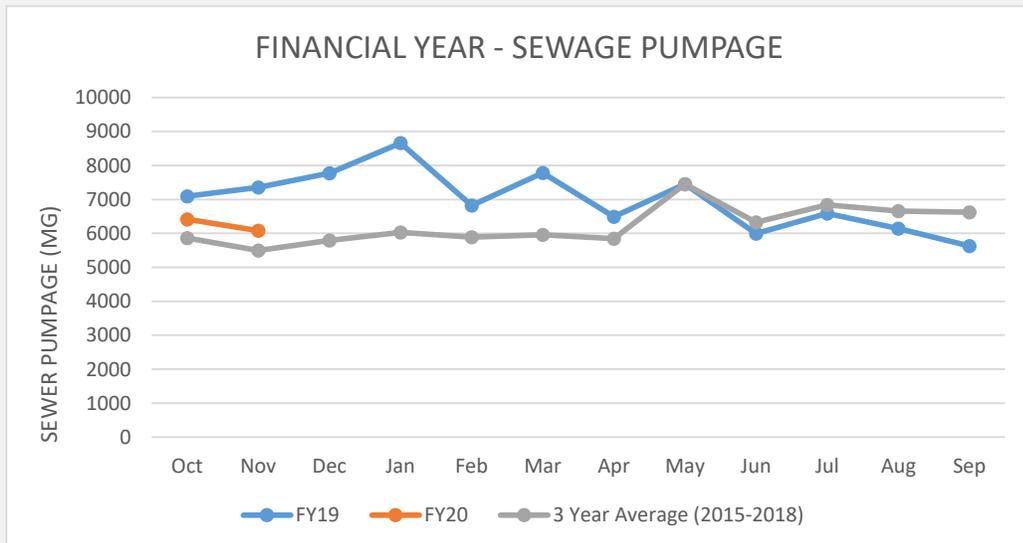
- Operations team has begun training operators at Potomac Pumping Station on the operation of the Water Distribution System. All shifts are being trained
- Two Operators received their Distribution Level III Certifications
- As part of Long Term Corrosion Prevention program, the PI team has started screening contractors to pilot point repair with spray method sending divers into the pipe avoiding disruptive bypass pumping.
- Finalized preparations to conduct CCTV Inspection for selected highly critical segments on the PI includes permitting and held pre-inspection meeting with contractors
- Onboarding plan designed for the PI team
- PI team identified immediate fix for the exposed PI segment, and preparation including permitting underway to fix the eroded part before next big storm.
- Reviewed culvert construction proposal by Loudoun County in the PI easement between MH-46 and MH-45, at Potomac Lakes Sport plex.
- Bearing training was completed with EMC for the Mechanical and Electrical Shops

Operational Performance

- The water purchases for the month of November 2019 was 2698.42 MG which is up 4% of the 5-year average. For the past 2 years, there has been a downward trend of Water Purchases from WAD.



- There is has been a significant decrease in the amount of sewage pumpage over the past 2 years. This is due to the decrease in rain events we've had over the past several months. This month we pumped 6079.74 MG of sewage.
- The Potomac Interceptor (PI) team has had zero odor complaints from residents at six odor control sites as well as all pump station odor control facilities.
-



Operational Performance (Cont'd)

- WATS model development and initial calibration completed and planning for future expansion to UPI/UPIRS underway
- Maintenance's work order backlog total is 179. See below:

Age	Count	%
< 30 Days	83	46%
30 - 60 Days	43	24%
60 - 90 Days	20	11%
> 90 Days	33	18%
Total	179	

Progress Report

- SCADA team has transitioned 50% of the SCADA clients at Main Pump Station and Potomac Pump Station to the upgraded Wonderware 2017 software.
- PI Team Completed COTR Training
- Flow meter quote and media replacement quote are in the process of being reviewed
- Odor Survey and frequent odor samples are being taken from all the odor control facilities to measure the saturation of the media.
- Permitting is also getting started for the FRP work to prevent SSO at MH 10 on the PI Quarterly MDOT meetings are happening regarding the expansion project

News and Events

- Staff from Engineering and Operations took a hike along the Potomac Interceptor to visually inspect areas of concern. The Potomac Interceptor is a dedicated wastewater system that carries roughly 60 million gallons of wastewater per day from Dulles Airport to the Potomac Pumping Station.

Permits

Accomplishment(s)

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

Operational Performance

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

 Completed Applications Summary Application Type: ALL From: 09/15/2019 To: 10/15/2019						
Month	Application Code	Application Type	# Processed	# Processed Within Time	% Processed Within Time	Avg Time to Completed (days)
September 2019						
	APR	Approved Plan Revision Request	4	4	100%	9
	HOME	Single Family Home Permit App	38	31	82%	11
	PPRL	Preliminary Plan Review - Large	16	14	88%	20
	PPRS	Preliminary Plan Review - Small	19	17	89%	13
	RAZE	Raze Permit	8	7	88%	8
	SHEET	Sheeting and Shoring Permit	2	2	100%	24
	WSAC	Water & Sewer Avail Cart	37	34	92%	15
	WSAL	Water and Sewer Avail Letter	1	1	100%	29
		Totals:	126	110	88%	
October 2019						
	APR	Approved Plan Revision Request	2	2	100%	20
	HOME	Single Family Home Permit App	23	23	100%	8
	PPRL	Preliminary Plan Review - Large	13	13	100%	25
	PPRS	Preliminary Plan Review - Small	30	26	87%	14
	RAZE	Raze Permit	6	6	100%	6
	SHEET	Sheeting and Shoring Permit	8	6	75%	84
	WSAC	Water & Sewer Avail Cart	22	20	91%	23
		Totals:	104	96	92%	
November 07, 2019 06:28 PM					Report #:	

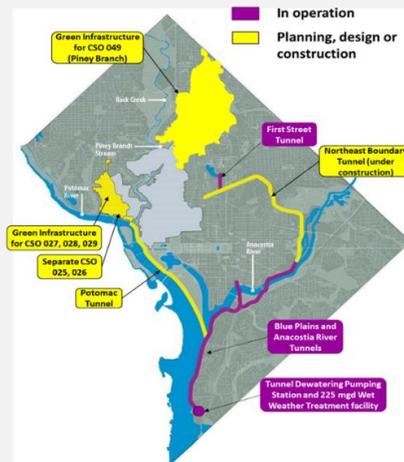
Progress Report

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

Department of Clean Rivers

Accomplishment(s)

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



Operational Performance - Completed Projects

- **Performance of Anacostia River Tunnel System**
 - Captured approximately 6.9 billion gallons of combined sewer overflows and nearly 3,000 tons of trash, debris, and other solids (March 20, 2018—December 16, 2019) that would otherwise have overflowed to the Anacostia River.

Progress Report

- **Drain the Rain (Downspout - Disconnection) 2019 Phase**
 - Launched survey and inspection phase of Downspout Disconnection Program on November 16, 2019.
 - Completed review of subcontractor survey and inspection work.
 - Completed inspections of 186 homes disconnected in the 2017 & 2018 phases of the program.
- **Northeast Boundary Tunnel Project (NEBT) – Design**
 - Package 10-6. A T Street Temporary Site Work RFCC was processed as Revise and Resubmit.
 - Package 114.C 4S Permanent Adit Liner & NEBT Connection was submitted to DC Water for review.
 - Package 6-2. P7 NEBT Tier 1B & 2X Construction Impact Assessment Report was sent back to Salini Impregilo Healy JV as No Exceptions Noted.
 - Seven design changes were submitted to DC Water for review and three were processed as No Exceptions Noted.
 - Construction submittals for permanent work at 4th Street and at the Mount Olivet Road shaft were processed.
- **Northeast Boundary Tunnel Project – Construction**
 - Tunneling
 - TBM Chris mined 12,367 feet as of December 14, 2019.
 - Mount Olivet Road Construction Site
 - Completed 102 feet of shaft excavation work.
 - W Street Construction Site
 - Completed 120 feet of shaft excavation work.
 - Completed 18 retaining wall sections.
 - Rhode Island Avenue Site
 - Jet grout work for adit ground improvement ongoing.
 - 4th Street Construction Site
 - Completed jet grouting work at Near Surface Structure.
 - Freeze pipe installation for adit ground improvement ongoing.
 - First Street Construction Site
 - Utility relocations for ground improvement ongoing.
 - Florida Avenue Construction Site
 - Secant piles works for Near Surface Structure support of excavation (SOE) ongoing.
 - Completed jet grouting for shaft invert plug.
 - R Street Construction Site
 - Slurry wall construction for shaft SOE ongoing.

- **CSO 025/026 Sewer Separation Project**
 - Conducted follow-up meeting with ANC Commissioner Palmer to discuss approach for bike detour adjacent to Structure 44 construction site.
 - Attended ANC 2E monthly meeting in Georgetown to introduce the project and provide the community with project scope and schedule on December 2.
 - 90% RFP Documents were submitted for DDOT and DC Water review on December 3; comments due December 30.
 - Conducted DDOT Briefing Presentation on December 5; DC Water Briefings on December 11 and 13.
 - Field meeting with NPS on December 11 to discuss bike detours through Georgetown Waterfront Park during project construction.
 - Coordination meeting December 12 with Washington Gas on required relocations prior to construction of project.
 - Additional utility potholing investigation is underway.
- **Potomac River Tunnel**
 - Coordinating review of draft Finding of No Significant Impact (FONSI) with National Park Service (NPS) to conclude the National Environmental Policy Act (NEPA) compliance process.
 - Negotiating terms of draft Programmatic Agreement with NPS and DC SHPO to resolve impacts from the project in accordance with the National Historic Preservation Act Section 106 compliance process.
 - Conducting geotechnical borings to investigate subsurface conditions along the tunnel alignment.
- **Potomac River Project A**
 - Final project close-out is ongoing and expected to be completed in the first quarter of 2020.
- **Rock Creek Project A**
 - Maintenance of facilities continues under this contract and will be turned over to DCCR in December 2019.
 - Final punch-list items are being completed.
 - Final permit close-out is under review by DDOT.
- **National Green Infrastructure Certification Program (NGICP)**
 - Six out of eight graduates have been placed into paid internships. DC WaterWorks will continue working with graduates to place them in full time jobs.
- **Environmental Impact Bond Reporting**
 - Monthly reporting is ongoing. October's report was sent to investors on December 3, 2019.
- **Public Outreach Activities**
 - Potomac River Green Infrastructure Project 1
 - Developed survey and thank you package to be sent to residents adjacent to GI facilities on January 10, 2020.
 - Rock Creek Green Infrastructure Project 1
 - Developed survey and thank you package to be sent to residents adjacent to GI facilities on January 10, 2020.

- CSO 025/026 Sewer Separation
 - Provided updates to Ward 2 Council, ANC 2E, Georgetown Business Improvement District (BID), businesses and residents.
 - Met with ANC 2E Vice Chair Palmer on November 14, 2019 to discuss bike lane on Water ST NW.
 - Presented project to Ward 2 Councilmember's Office on November 14, 2019.
 - Presented project at December 2, 2019 ANC 2E Community Meeting.
 - Spoke with Grace Episcopal Church and Georgetown Montessori School about church service and school schedules.
- NEBT Business Impact Mitigation Plan
 - North Capitol Main Street (NCMS) coordinated with the NEBT CM team to mount the art panels on the Florida Ave NW Construction Site fences. NCMS worked with the artist sub consultant who has worked with local art students from Howard University to develop 30 art pieces on wood panels on the theme, "Water." The art panels focus on drinking water and the Anacostia River.
 - North Capitol Main Street and Rhode Island Avenue NE Main Street have signed a 12-month Business Impact Mitigation Plan Memorandum of Agreement extension document. Awaiting signature by DCCR Director to fully execute.
 - All Main Street directors continue to advocate on behalf of DC Water and the NEBT project with the impacted businesses under their purview.
- NEBT Outreach
 - Continue to respond to residents' emails concerning construction schedule and impacts.
 - Distributed Saturday work notice to residents and businesses of the 4th Street NE and Florida Avenue NW Construction Site areas.
 - Met with residents Steven Bible and Chad Hardina of the Florida Avenue NW Construction Site area to discuss their concerns with construction impacts including trucks using 4th Street NW as a haul route.
 - Met with Carlton Ray and General Manager David Gadis to prepare for the December 9 meeting with Councilmember McDuffie to discuss business mitigation strategies.
 - Organized and facilitated the T Street NW Block Meeting on November 14, 2019 to inform residents of the construction schedule and impacts and to discuss the tree box restoration plans.
 - Distributed the R Street Construction Site Saturday, November 16, 2019 Work Notice.
 - Prepared a Florida Avenue Construction Site Newsletter to include traffic calming measures update, secant pile work impacts and mitigations.
 - Prepared and sent a Florida Avenue Construction Site description letter to North Capitol Main Street at the request of Rachel Fitz of ANXO, a neighborhood restaurant.

News and Events

- Discussed Georgetown University and DC Water GI collaboration with Georgetown University class on November 12, 2019.
- Presented GI Kennedy Street Project at ASLA Conference on November 18, 2019.
- Discussed DC Water partnership with Anacostia River High School on November 19, 2019.
- Presented CSO 025/026 Sewer Separation Project at ANC 2E Community meeting on December 2, 2019.
- Presented DC Clean Rivers Project to Chinese Delegation on December 9, 2019. Participated in Mayor Muriel Bowser's community walkthrough of 4th Street NE on November 25. The walkthrough stopped at the 4th Street NE Construction Site where Carlton Ray answered questions about the construction.

Office of Administration

Accomplishment(s)

Safety Recognition Program-1st Pin Awarded!

Construction Safety Specialist, Ashley Wynes, awarded a recognition pin to Robert Stewart from the Facilities Department. This is a new program in DOSH, where employees will be recognized on the spot for their efforts to make DC Water operations and facilities safer. Wynes received a call from Michael Littleton (Facilities) about a temporary control needed until a Contractor can fix a pipe in the manhole near CMF. The ongoing issue is steam entering and filling the basement near the electrical work area in CMF. To mitigate the steam filling in the work area and employees having safety concerns about steam and mold growth, Facilities took the initiative to open the manhole near CMF. The team designed a hole protection with wood, pallet, and cones to cover and prevent employees from falling into the open manhole. Mike stated that Robert Stewart suggested the hole protection idea and as a team put the plan to excellent use until American Boiler can fix the pipe.



Fleet

Accomplishment(s)

- Tim participated on Greater Washington Region Clean Cities Coalition RNG Workshop at HQO November 22, 2019 panel discussing DC Water, Fleet initiatives as to what are some of the considerations public and private fleets make when considering transportation fuels? The deciding factors in choosing NGVs? Fuel costs/maintenance costs/cost effectiveness/sustainability/commercially available today/proven. Does DC Water fuel its fleet with the gas it produces/how does that work? The biggest challenges for municipal fleets considering RNG-fueled vehicles? DC Water fleet NGV experience compare to electric experience? What are some of the pros and cons of each?

Operational Performance

- Vehicles/Equipment availability:
 - Priority #1 units – 74%
 - Priority #2 units – 82%
 - Priority #3 units – 93%
- Accident – monthly reporting graphic:
- Progress Report
- Fleet collaborating with Procurement/CFO Offices in transition in the termination of Fleet maintenance contract January 9, 2020 replaced with temporary staffing effective January 10, 2020.
- Continue working with Budget Analysis on in-sourcing fleet maintenance FY2020-2021
- The Department of Fleet Management in collaboration with REG Marketing & Logistics Group, REG and Optimus Technologies have agreed to a Pilot Project for funding up to \$130K for B100 (neat biodiesel) for 10 units.
- News and Events
- Tim is participating as a speaker and panelist at the GeoTab Connect Conference in January.

ACCIDENTS BY MONTH		
	Total # of Accidents	Percentage Change from prior month
1/1/2019	28	n/a
2/1/2019	20	-29%
3/1/2019	23	15%
4/1/2019	24	4%
5/1/2019	19	-21%
6/1/2019	19	0%
7/1/2019	17	-11%
8/1/2019	11	-35%
9/1/2019	16	45%
10/1/2019	20	25%
11/1/2019	19	-5%
12/1/2019*	5	-74%

*Accident totals through 12/15/2019

Facilities

Operational Performance

- Facilities, in coordination with Safety has started the safety, health and hygiene observations, collecting baseline data for over 50% of DC Water regularly occupied facilities.
- Facilities is working in coordination with Procurement on a new A/E basic ordering agreement contract for program management, design and construction management services to support land use and non-process capital projects.
- Facilities is working in coordination with People & Talent to reorganize the Facilities Department, primarily using existing personnel/FTE's. The reorganization is designed to support proactive maintenance of DC Water facilities and the new land use element within the Department.

Progress Report

- Some of the Projects completed:
 - Reconfiguration of Command Center at HQ
 - Plumbing shop provided critical support to the Wastewater Research Group: 1) drain upgrades and repairs between CMF and Solids Buildings at Blue Plains, 2) City water lines installation to filter pilot research trailer at Blue Plains Solids building

Active Projects:

- CMF mezzanine level water intrusion investigation
- Compost bins construction for pilot compost program
- FT Reno Trailers (Permit pending)
- DSLF Roof Replacement
- Elevator car upgrades at Blue Plains Secondary Control Building

Upcoming Projects:

- Solids Building Elev 107' Roof Coating
- Fort Reno PS Tank Roof replacement: Acquired State Historic Preservation Office approval for this work – Working with DETS for lightning protection system design
- CMF Clean Rivers area duct cleaning PO is in place
- CMF Electrical shop basement mold remediation
- HQO campus flag poles installation and CSO light move

Events Support/Coordination

- Set up and take down for DC WATER Holiday Party
- Supported 2 OMAC events
- Supported 11 Blue Drop Events
- Supported 13 Boardroom/Department events

Emergency Management

Accomplishment(s)

- On December 4th, the District's Business Emergency Management Operations Center meeting was held at DC Water Headquarters and Office of Emergency Management provided a presentation on DC Water's preparedness and response capabilities.

Operational Performance

- To enhance resilience and risk mitigation efforts, DC Water's Hazard Mitigation Taskforce held a quarterly meeting on November 20th to discuss charter, updates to Hazard Mitigation Plan, America's Water Infrastructure Act gap analysis, and potential hazard mitigation grant submittals.

Progress Report

- To continue the strengthening of a trained and functional Incident Management Team, a staff member participated in position-specific training L964 NIMS All-Hazards Situation Unit Leader training (11/18—21/19) which was facilitated by HSEMA.
- On November 25th, the Office of Emergency Management brought on a new team member by the name of Jared Hill; Manager, Emergency Management.
- Assisted Facilities Department in compiling information related to occupied buildings. Provided and correlated current and previous FEMS inspection reports and information on fire life safety concerns for various occupied locations.
- Met with the emergency management staff of the Army Corps of Engineers – Baltimore Division, on December 10th, to discuss response capabilities, preparedness measures, and resource allocations.
- Participated in Water Services and FEMS quarterly hydrant coordination meeting on December 12th.
- Held DC Water's Quarterly Grants Meeting on December 13th.
- Facilitated Winter Weather Preparation meeting for DC Water departments on December 16th.

News and Events

- In January, the draft 2020-2021 emergency management multi-year training and exercise plan will be shared with stakeholders for review.

Safety

Accomplishment(s)

- Staffers attended OSHA 511 Training (4 Days)
- Worked with Rescue One, our contractor, to update the database of all the AED's throughout the Authority to ensure compliance.
- Staffers participated in the final succession development FOCUS Group Part II session. The information that is provided will be used as part of a proposal/presentation to senior leadership on how to move forward on succession development within DC Water.
- Prepared a draft Safety Newsletter document.
- Attended the celebration of DC Water's New Lead-Free DC Program event and inspected the site for unsafe conditions and provided recommendations.

Progress Report

- Updated Construction Safety Manual and is now ready for review.
- Updated New Employee Orientation Module.
- Multiple safety policies have been updated & ready for review.
- Reviewed ROCIP 4 incidents/near miss corrective action reports, inspections and pulse audit reports.
- Finalize training guide for SRS Mobile Web and SRS Forms applications
- Fleetwave transition to Origami for Supervisor Incident Report to be finalized by 12/31/2019

- Origami
 - Provided customer service extended to Safety, WC, Risk
 - Employee Injury (pdf fillable form builds and post on general user (WC, Risk)
 - PMA feed support and communications (WC, Risk)
 - Reporting support for George Bouyat & Sloane Wieber
 - Extensive feedback sessions (Individual and group)
 - System creations and testing
 - Mobile build completion and testing
 - Closed out Risk Console/Ventiv
 - Followed up request to ensure proper archive/disposal
 - Outstanding payment follow-up
- Origami Operation Performance
 - 4 Build sessions with Origami
 - 26 closed system tickets/tasks/emails
 - 6 Adhoc requested reports
 - Major Security Access Changes
 - Safety Operations (Safety Specialist only)
 - Light Users – Adjusted Down
 - General Users
 - Address Adhoc questions/concerns for various members of the safety team. Provided minor user training to various users on different elements of the SRS systems

News and Events

- Origami User Conference scheduled in Texas (January 14-16)
- Mobile Training scheduled for December 2019
 - Mobile Browser
 - Mobile Applications (forms only)
- SRS Administration to support safety in the field using applications (Nov – Jan)
 - Operations
 - ROCIP
 - NON_ROCIP

ORGANIZATIONAL PERFORMANCE DASHBOARD (November 2019)

Financial Highlights

Net Operating Cash (\$tho)		Operating Revenue (\$m)		Operating Expenses (\$m)		Capital Disbursement (\$m)		Operating Cash Bal (\$m)	
Actual	47,223.	Actual	135.50	Actual	80.90	Actual	53.40	Actual	194.00
Target	18,633.	Target	130.30	Target	90.70	Target	93.50	Target	125.50

Core Invest Yield (%)		Short Term Invest Yield (%)		Delinquent Acct Receivables (%)		On-time Vendor Payments (%)	
Actual	2.42	Actual	1.49	Actual	2.03	Actual	96.00
Target	1.57	Target	1.57	Target	3.00	Target	97.00

Operations and Engineering Highlights

Lead Concentration (ppb)	Total Coliform Rule (%)	Biosolids Production (wet tons)		Total Nitrogen (lbs/yr mil)
		Actual	416	

Plant Inflow (gal mil)	Excess Flow (gal mil)	Water Main Leaks	Water Valve Leaks
	10	50	1

Fire Hydrants Insps. And Maint.	Fire Hydrants out of Service	Fire Hydrants Replaced (YTD)	Non-revenue Water (CCF Mil)	
594	54	23	Purchased	13.50
			Sold	10.23

Sewer Main Backups	Sewer Lateral Backups	Dry Weather CSO	Permits Processed within SLA (%)	Electricity Usage (Kwh)
7.00	114.00	0.00	89.00	17393.00

Customer Experience Highlights

Call Center Performance		Command Center Performance		First Call Resolution		Emergency Response Time	
Actual	95%	Actual	94%	Actual	69%	Actual	89%
Target	85%	Target	85%	Target	75%	Target	90% (% of calls received)

Low Income Assistance Program Highlights

SPLASH Contributions (\$tho)		Customer Assist. Program (\$tho)	
Actual	12.31	Current	39.99
Target	13.34	Previous	1.70

People and Talents Highlights

Recruitment Activity	
Filled	13
Open	59

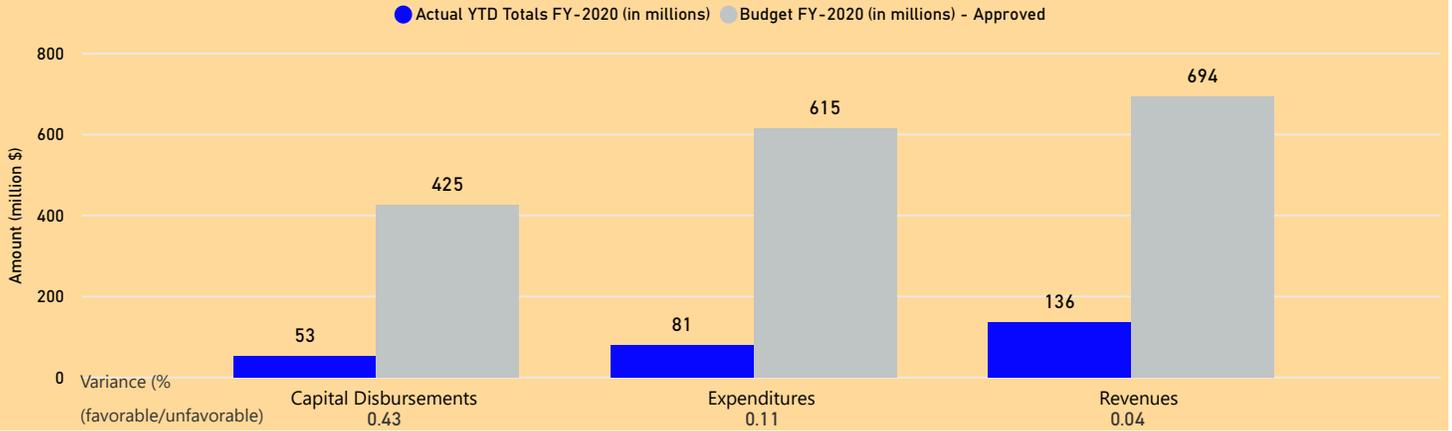
Administration Highlights

Employee Lost Time Incidence Rate	
	0.20%

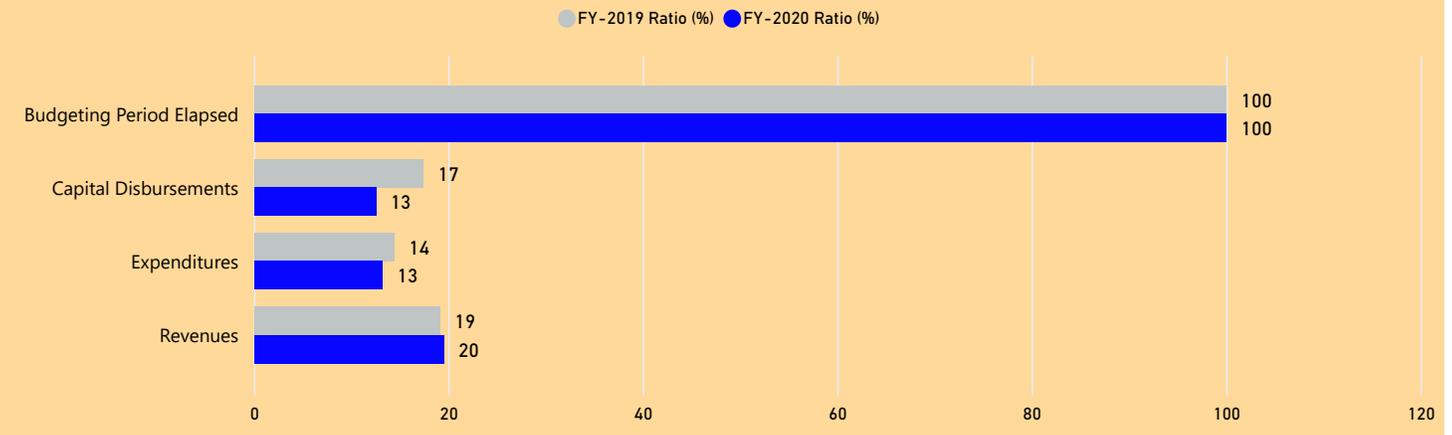
FINANCIAL HIGHLIGHTS

Financial Performance Summary

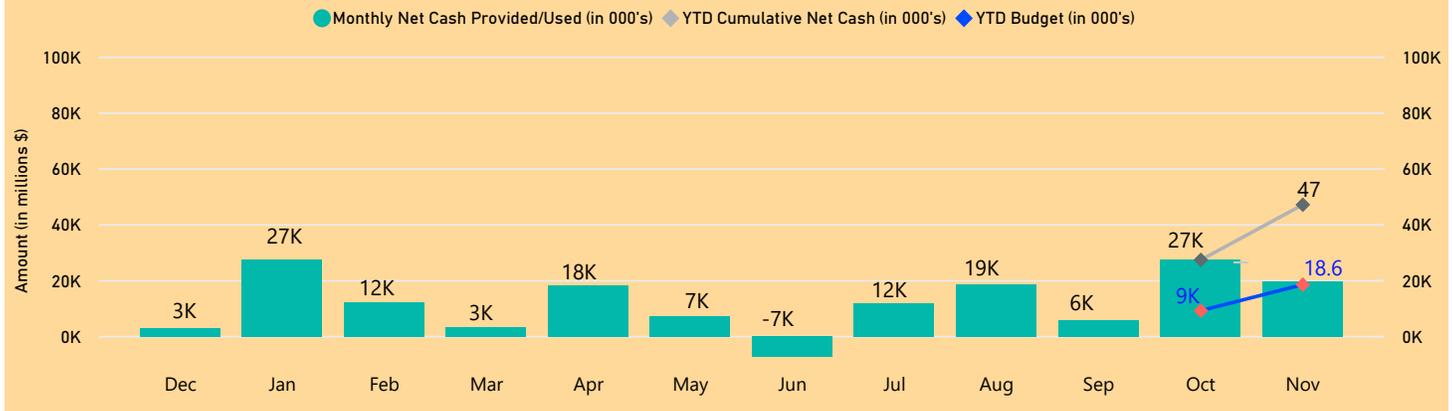
Revenue, Expenditure, and Capital Disbursement



Year to Date Analysis



Net Operating Cash

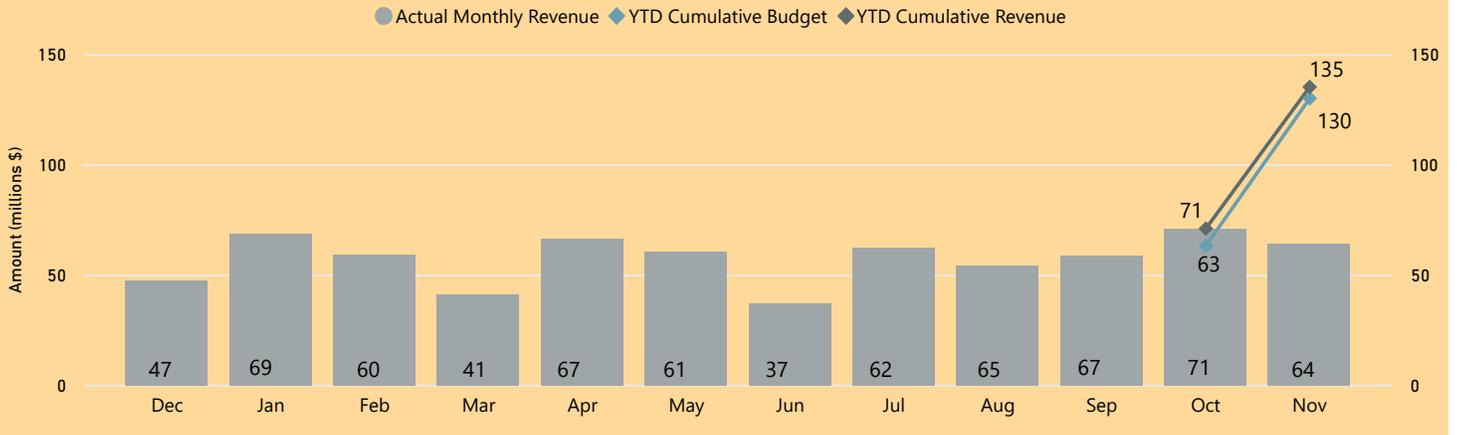


Net cash to date for November was above budget by \$28.59 Million

FINANCIAL HIGHLIGHTS

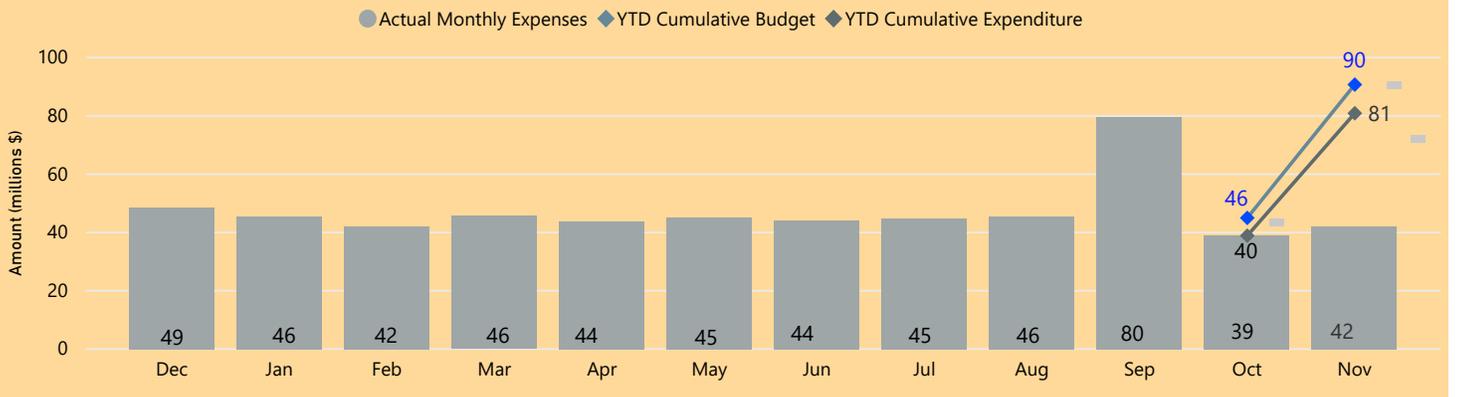
Revenues & Operating Expenses

Operating Revenues



Revenue to date for November was above budget by \$5.2 Million

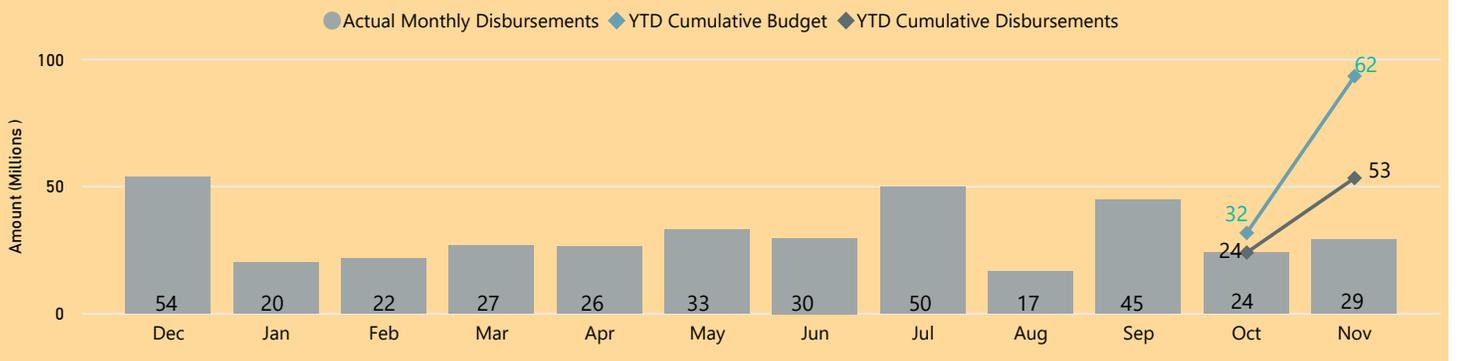
Operating Expenses



Expenditure to date for November was below budget by \$9.8 Million

Capital Spending

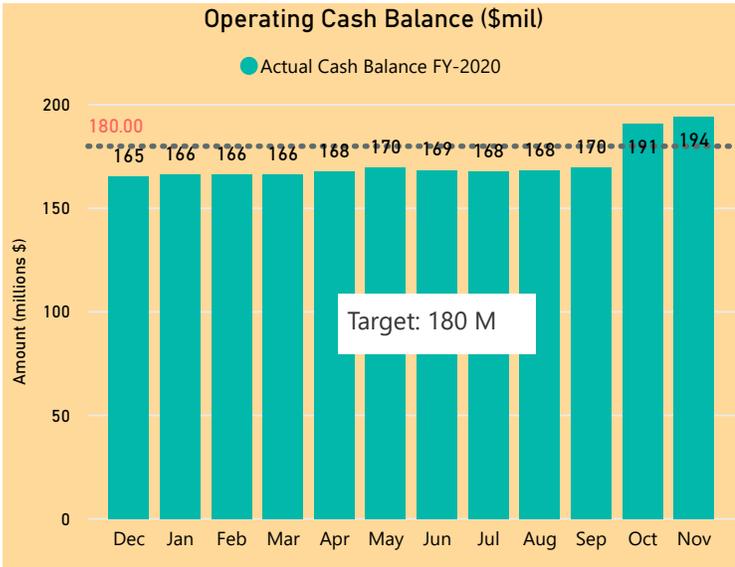
Capital Disbursement



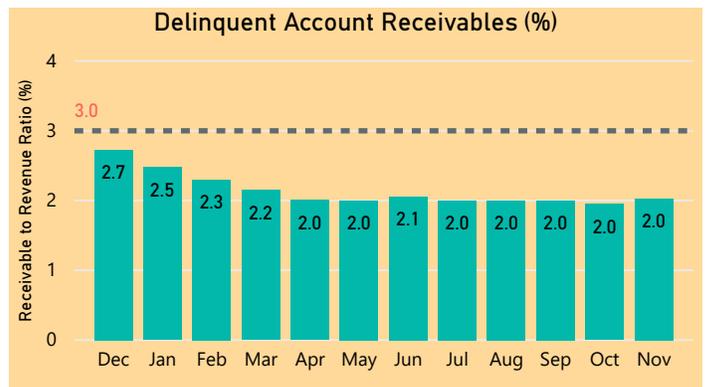
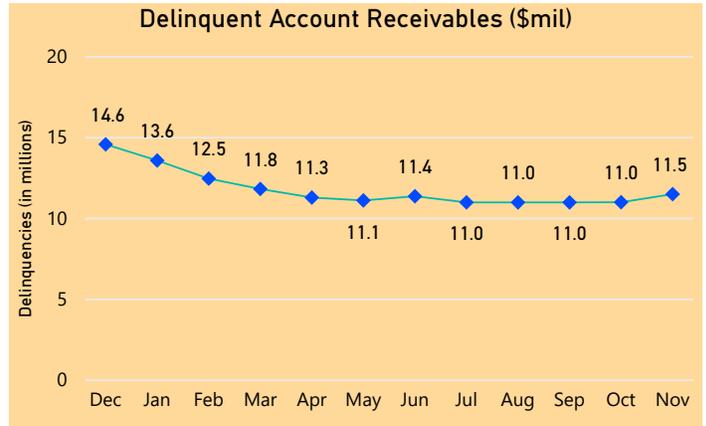
Disbursements to date for November was below budget by \$40 Million. YTD spending reflects comparison to the approved budget.

FINANCIAL HIGHLIGHTS

Operating Cash & Receivables

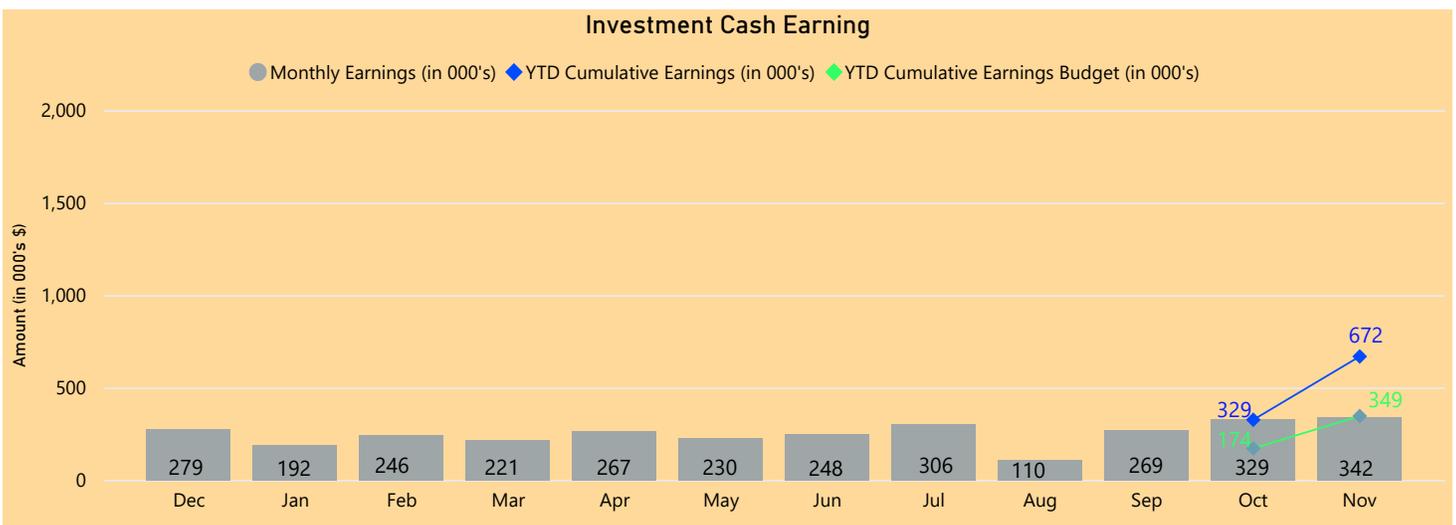


Cash Balance for November was above target by \$68.5 Million



November Receivables to Revenue Ratio is 2.03, Delinquency is 11.5 million.

Investment Earnings

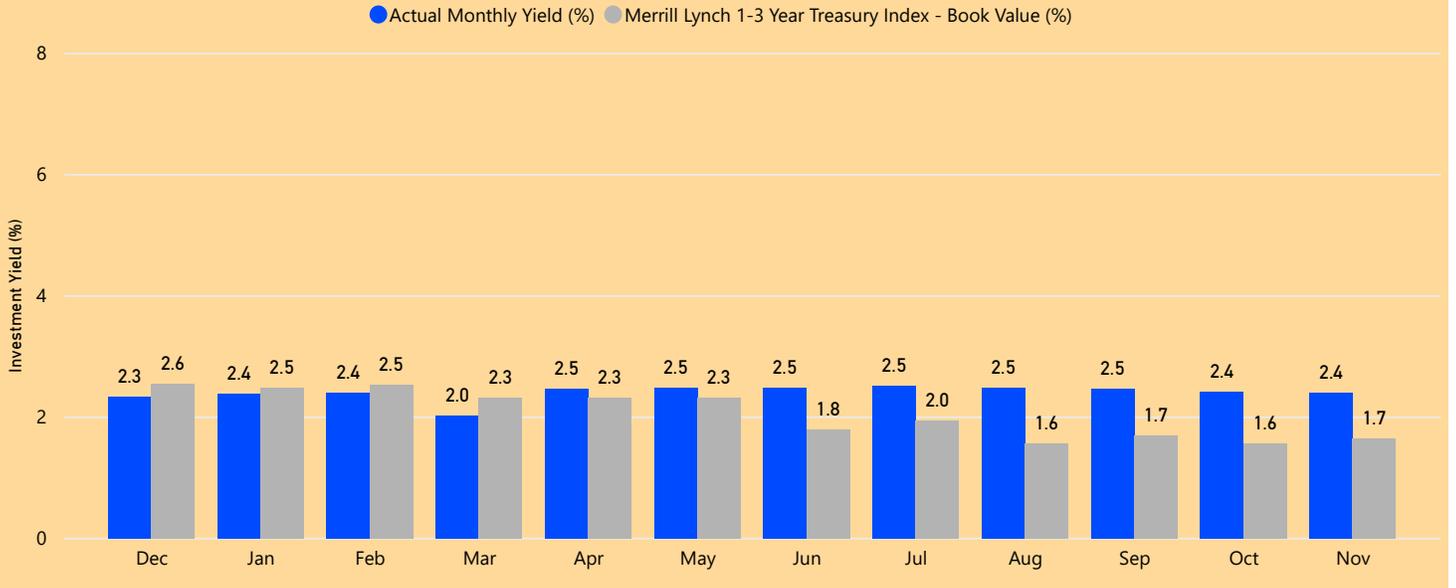


Earnings to date for November were above Projected Budget by \$322.44.

FINANCIAL HIGHLIGHTS

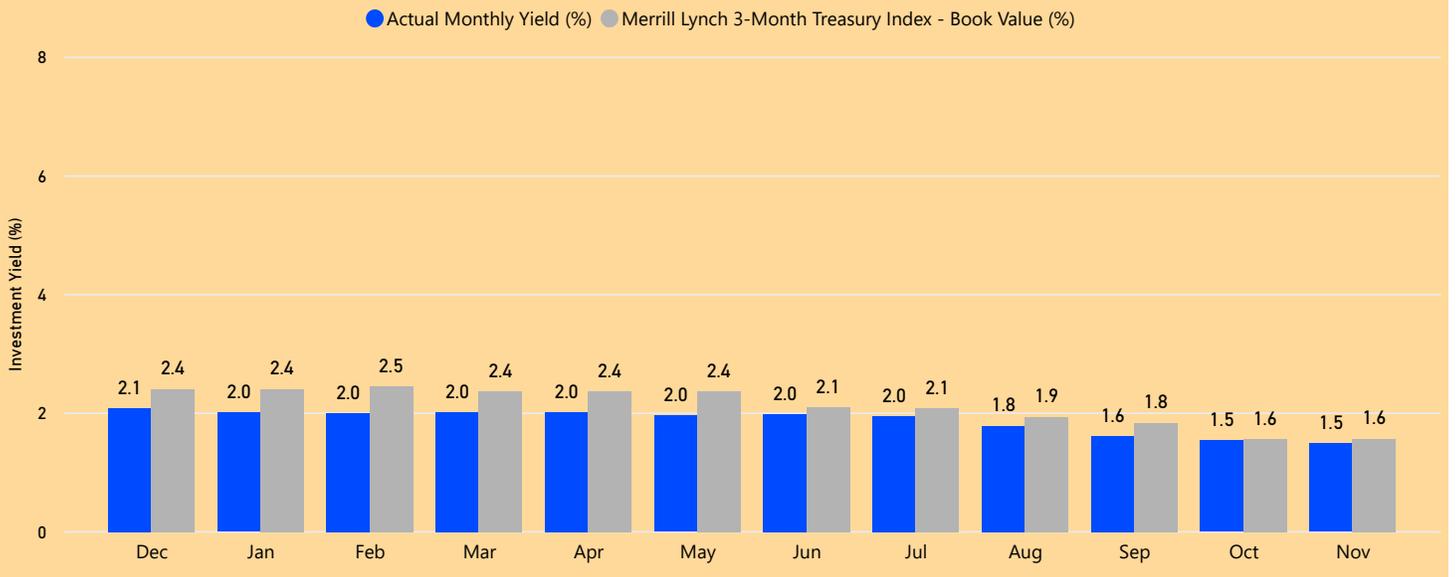
Investment Yields

Core Investment Yield



Yield for November was more than the treasury index by 0.75%

Short Term Investment Yield

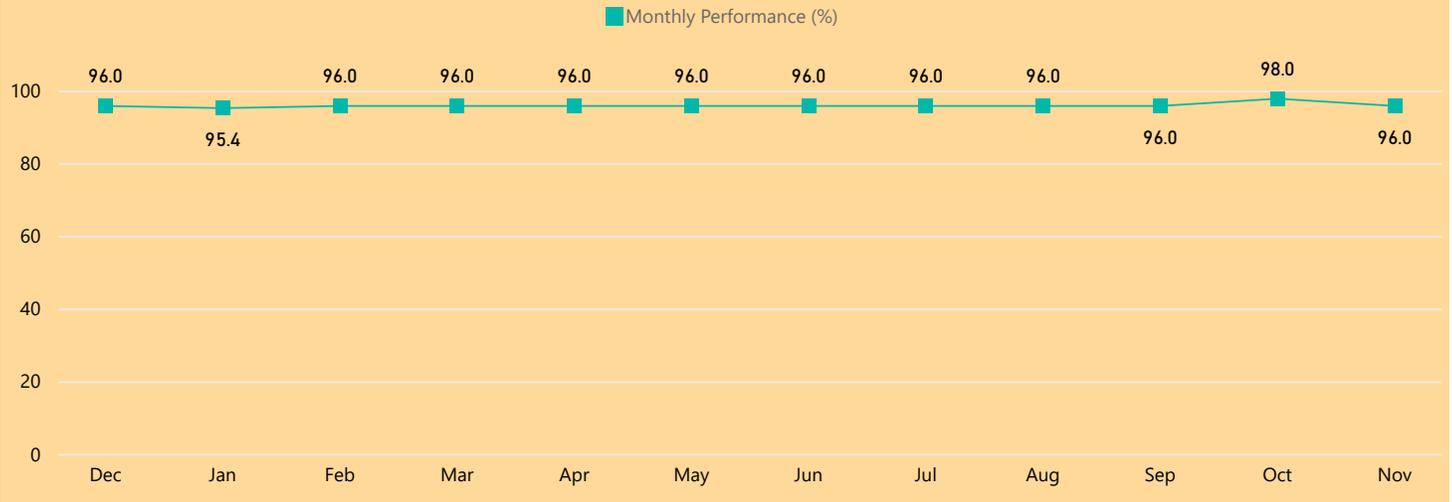


Short Term Yield for November was less than the Merrill Lynch yield by 0.08%

FINANCIAL HIGHLIGHTS

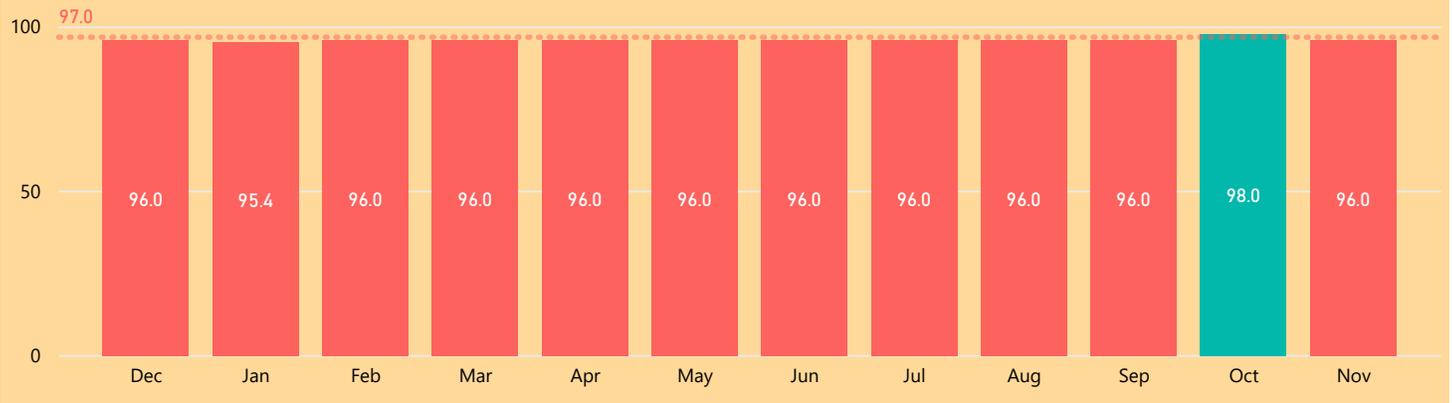
Vendor Payments

YTD Performance



Monthly Performance (%)

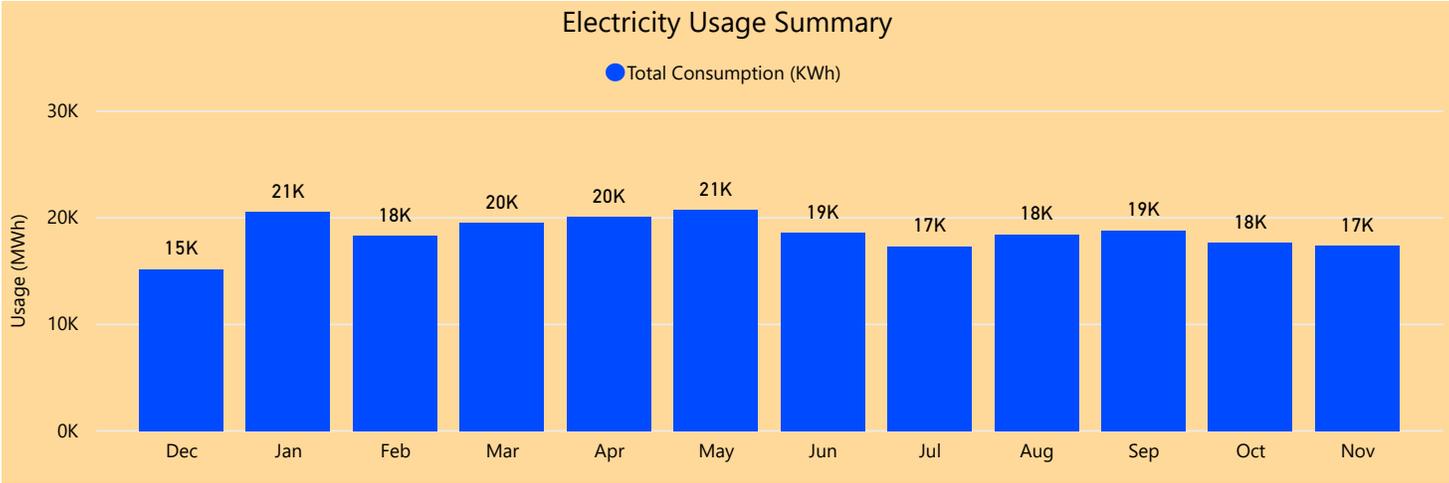
Target: 97%



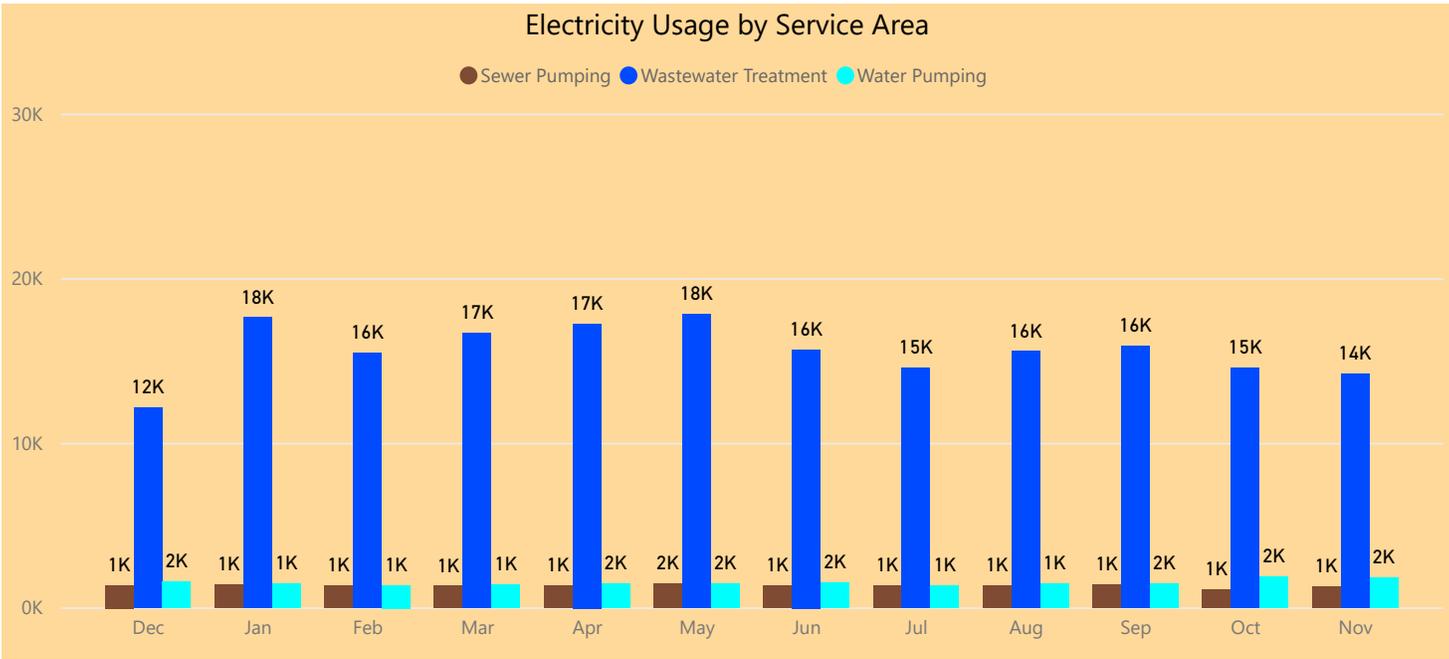
Performance for November was below the monthly target by 1%

OPERATIONS AND ENGINEERING

Energy Consumption



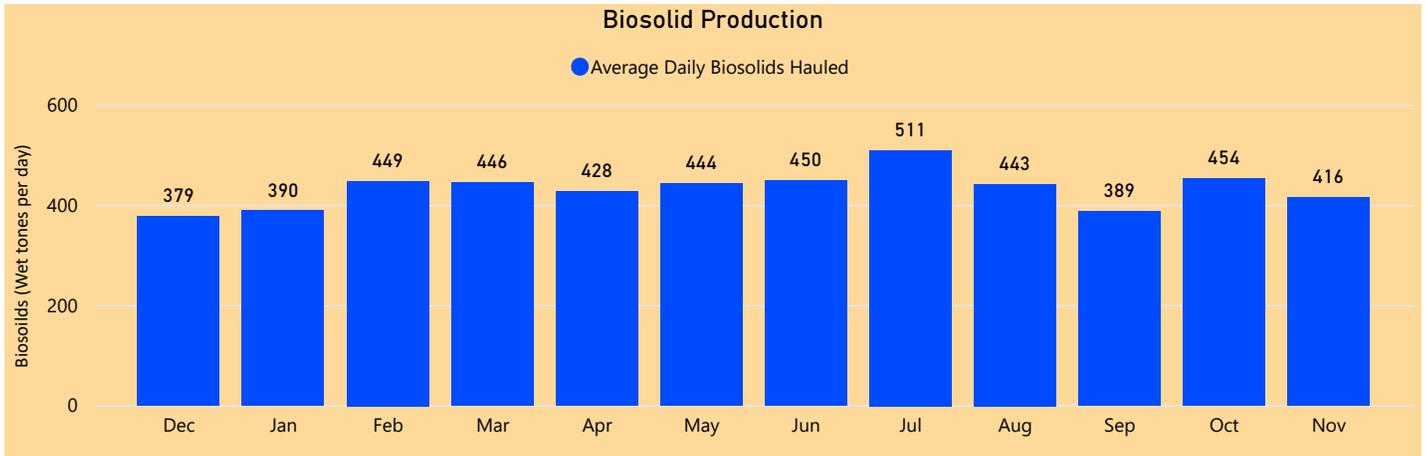
Electricity Consumption in October was 17,393 KWh



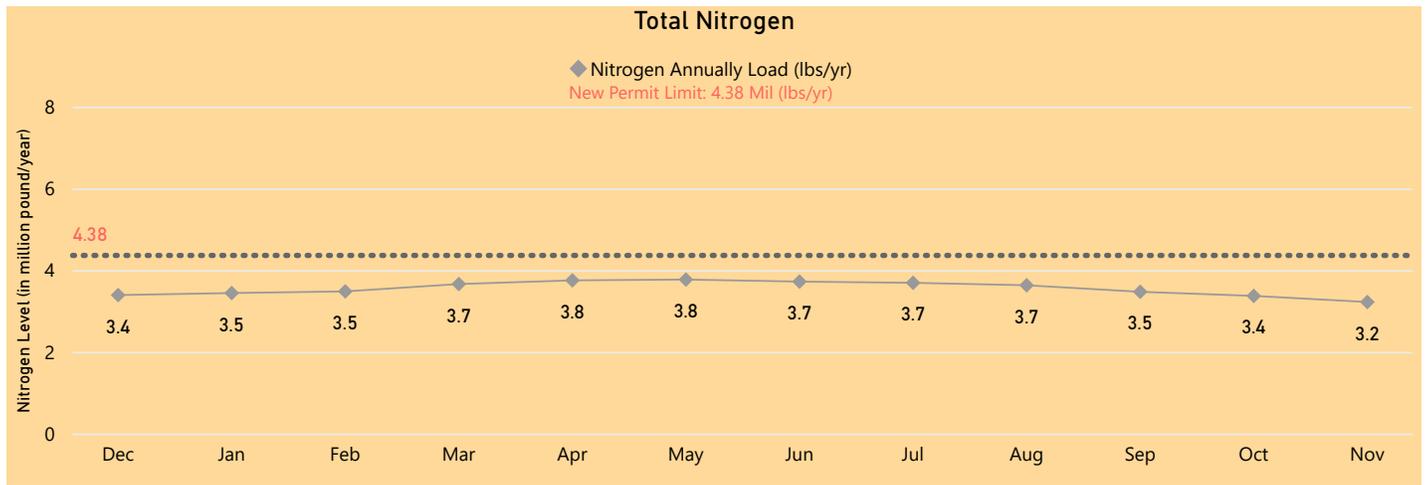
Wastewater Treatment had the highest electricity consumption in October at 14,232 KWh

OPERATIONS AND ENGINEERING

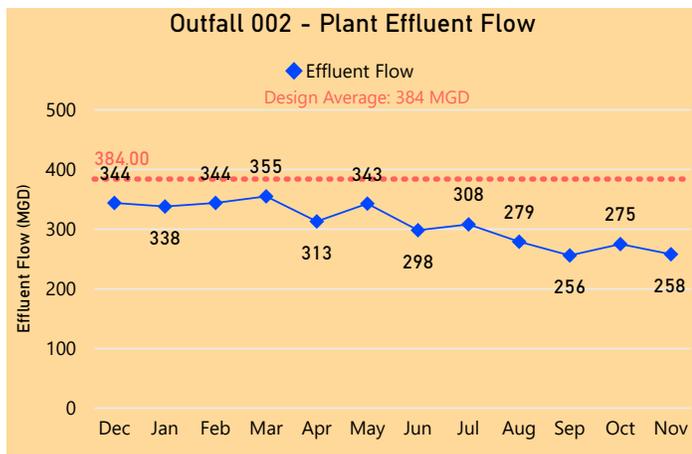
Wastewater Treatment



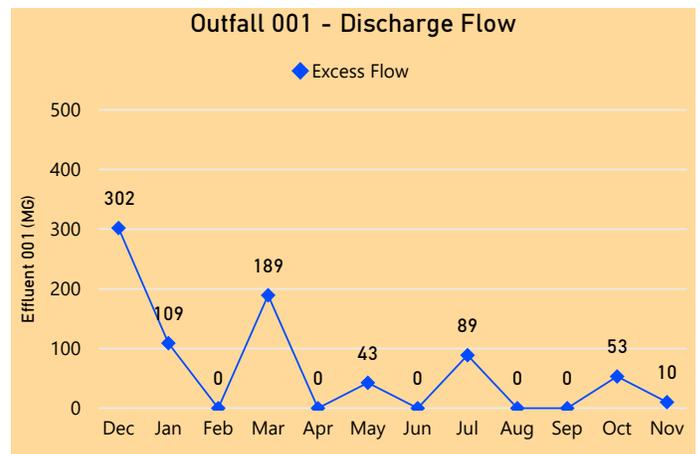
Biosolids Daily Production for November were 416 wet tons per day



Nitrogen level for November were below permit by 1.14 million lbs/yr



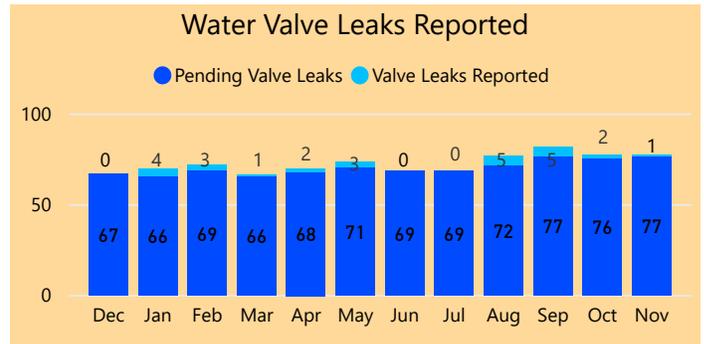
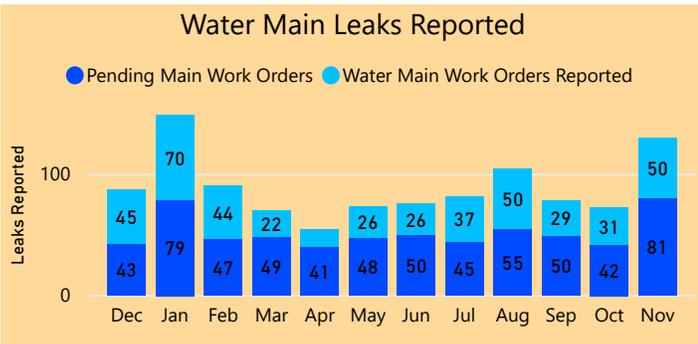
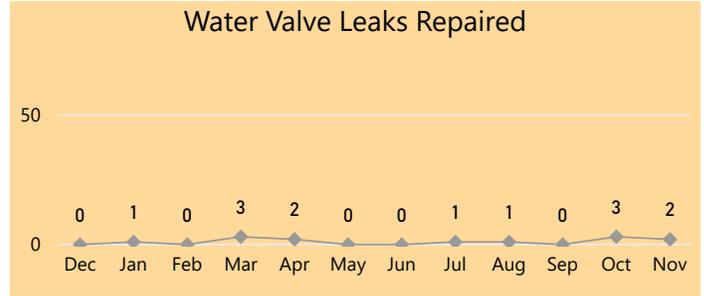
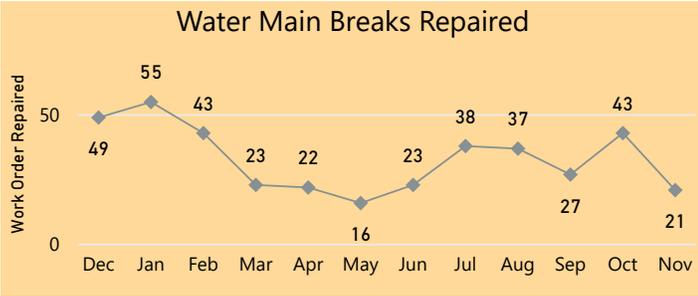
In November effluent flow was below design by 126 MGD



Excess flow events were recorded at 10.17 MG in Nov...

OPERATIONS AND ENGINEERING

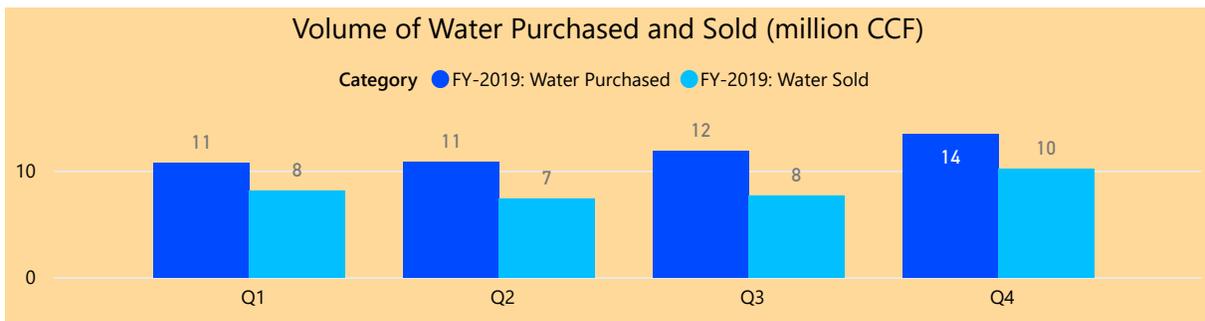
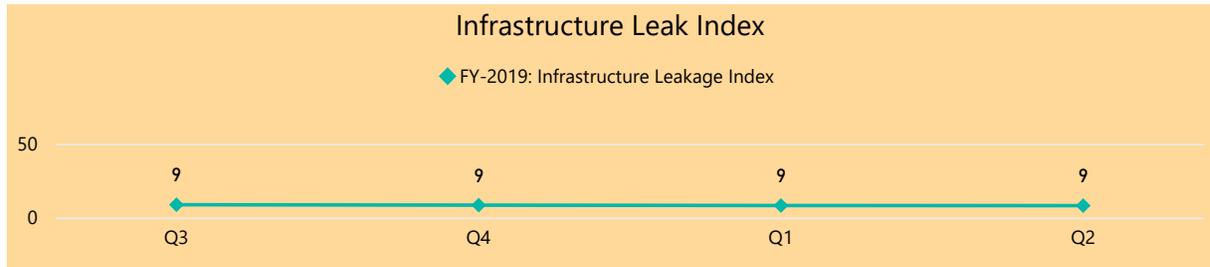
Water Distribution Operations



There were 50 Water Main Work Orders reported in November

2 leaks were resolved in November.

Water Balance



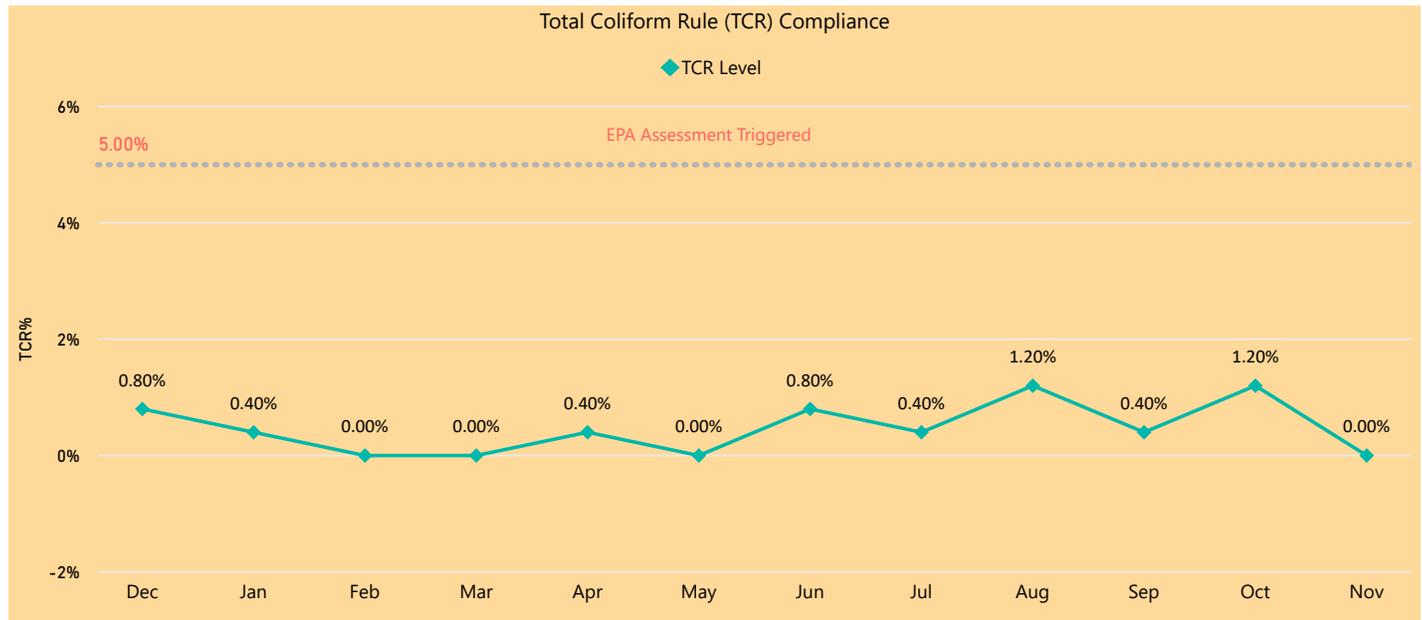
In the 4th quarter of FY2019, 10.23 out of 13.50 million cubic feet of water was sold.

OPERATIONS AND ENGINEERING

Drinking Water Quality



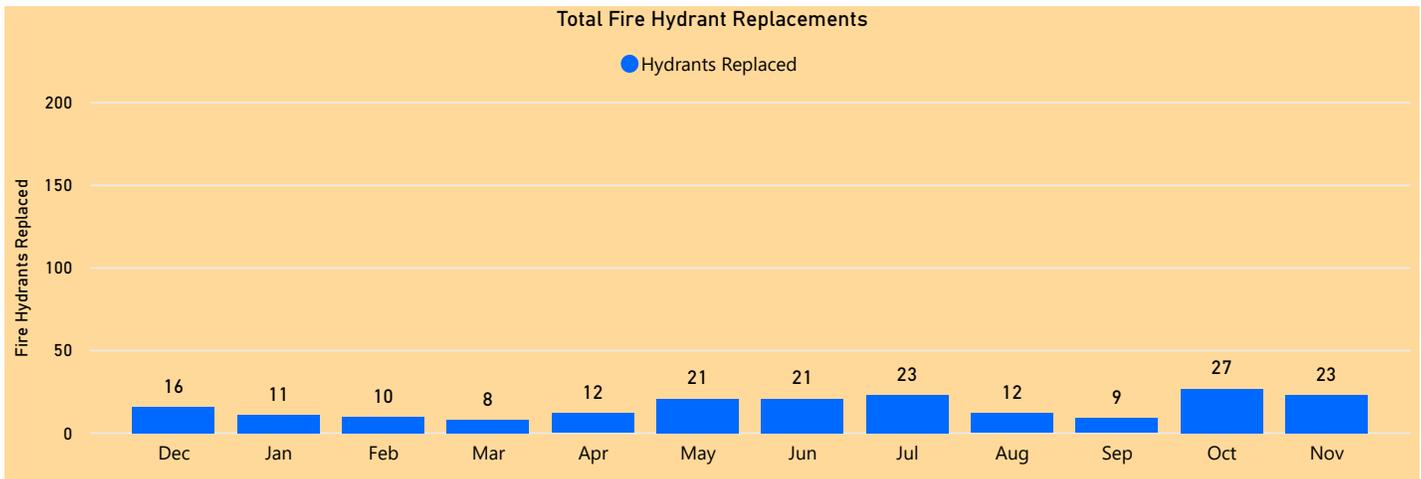
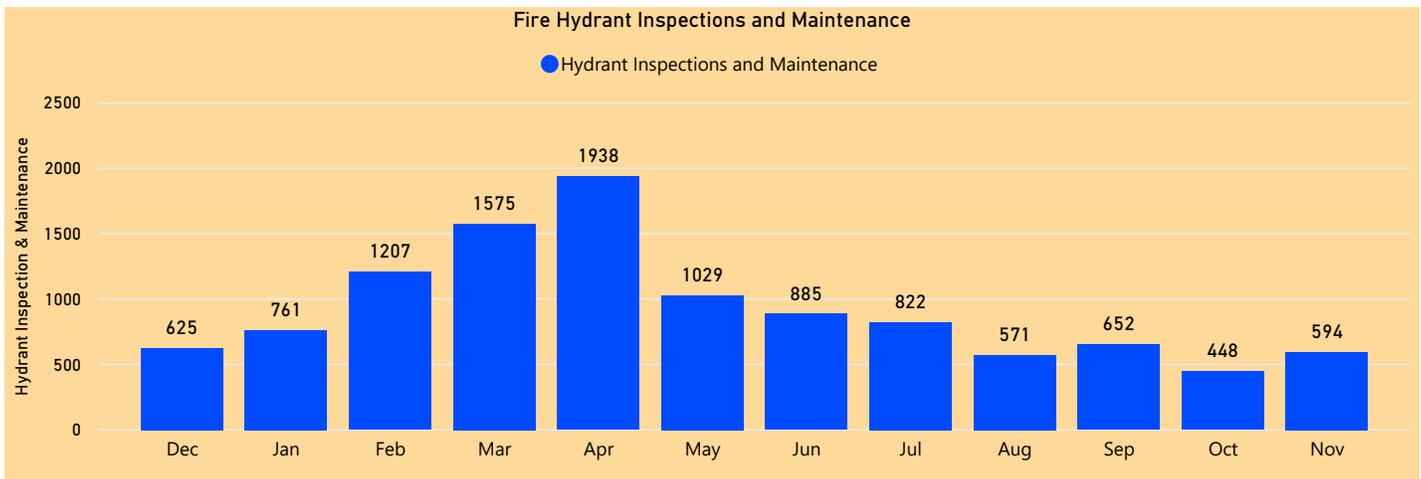
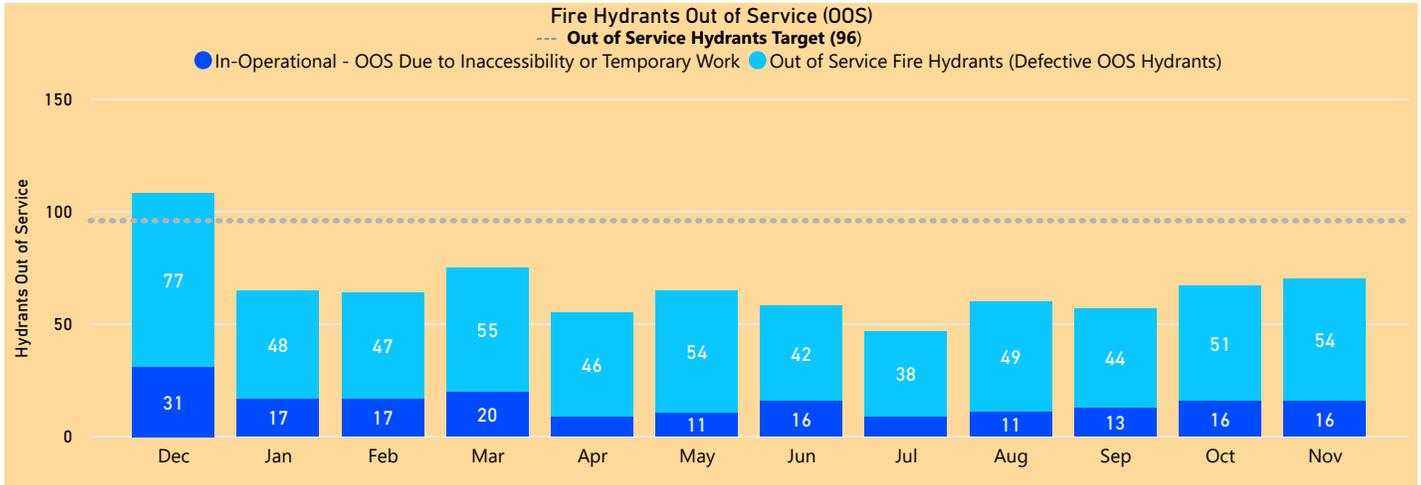
November 2019 results pending.



Coliform Positive was recorded at 0 in November.

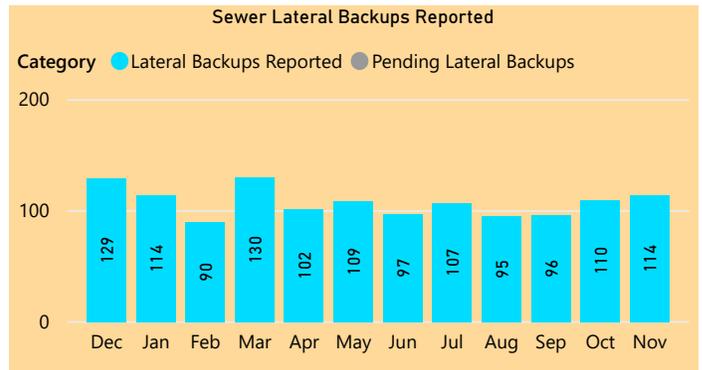
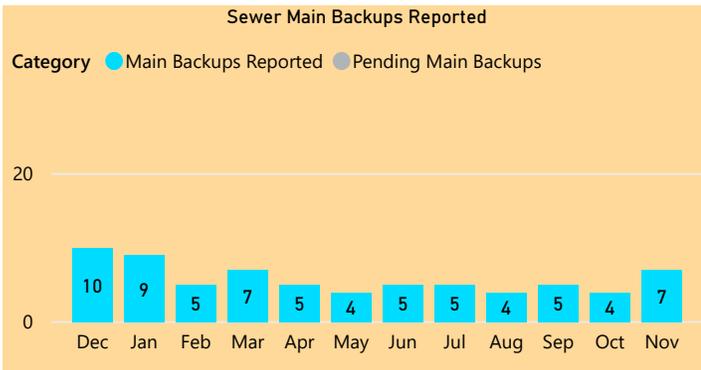
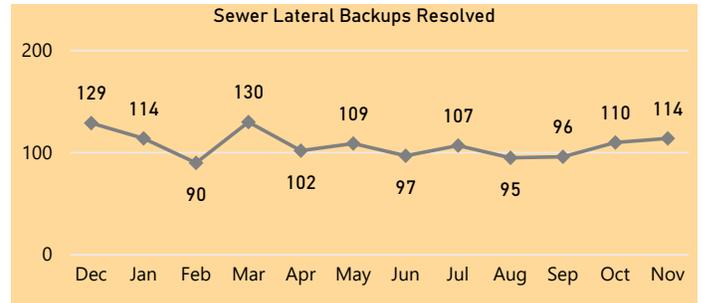
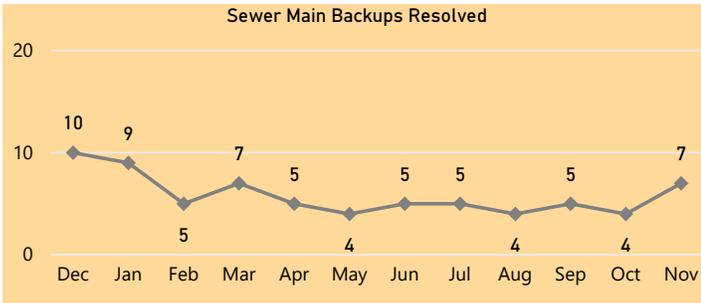
OPERATIONS AND ENGINEERING

Fire Hydrants



OPERATIONS AND ENGINEERING

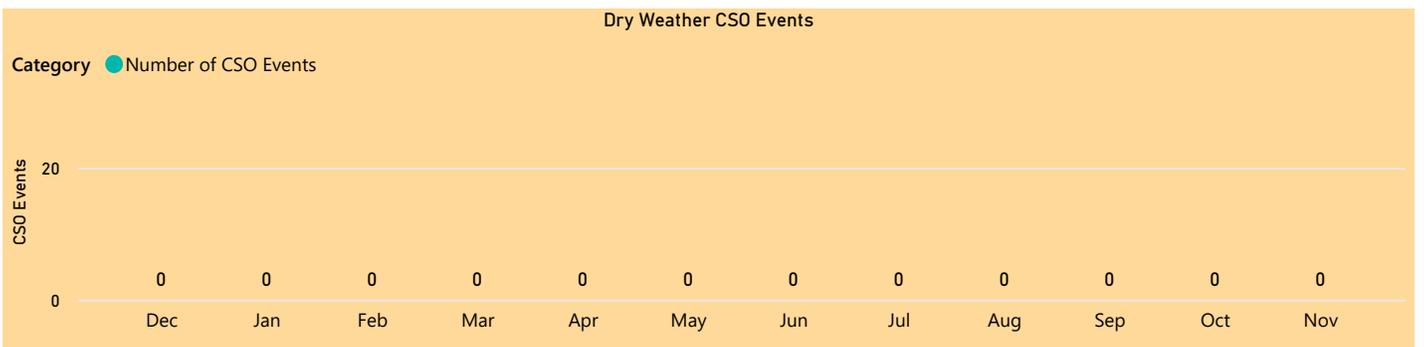
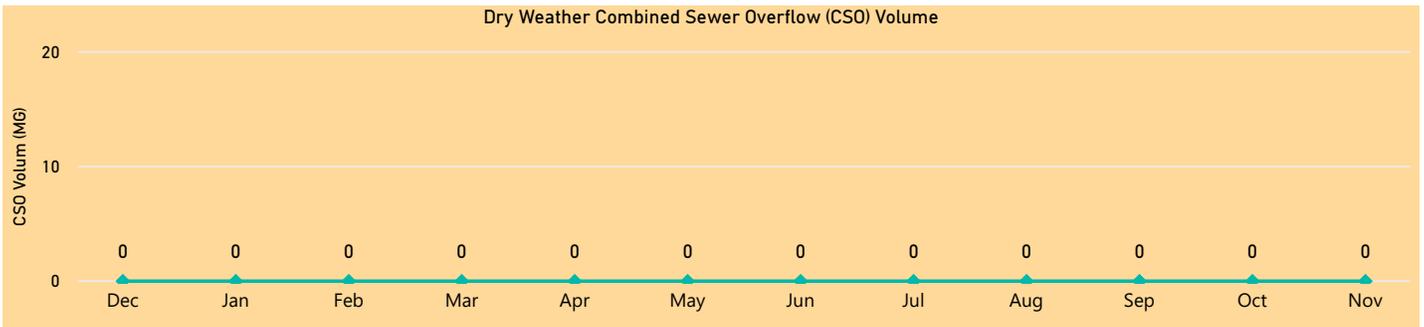
Sewer System Operations



No pending main backups reported

No pending lateral backups reported

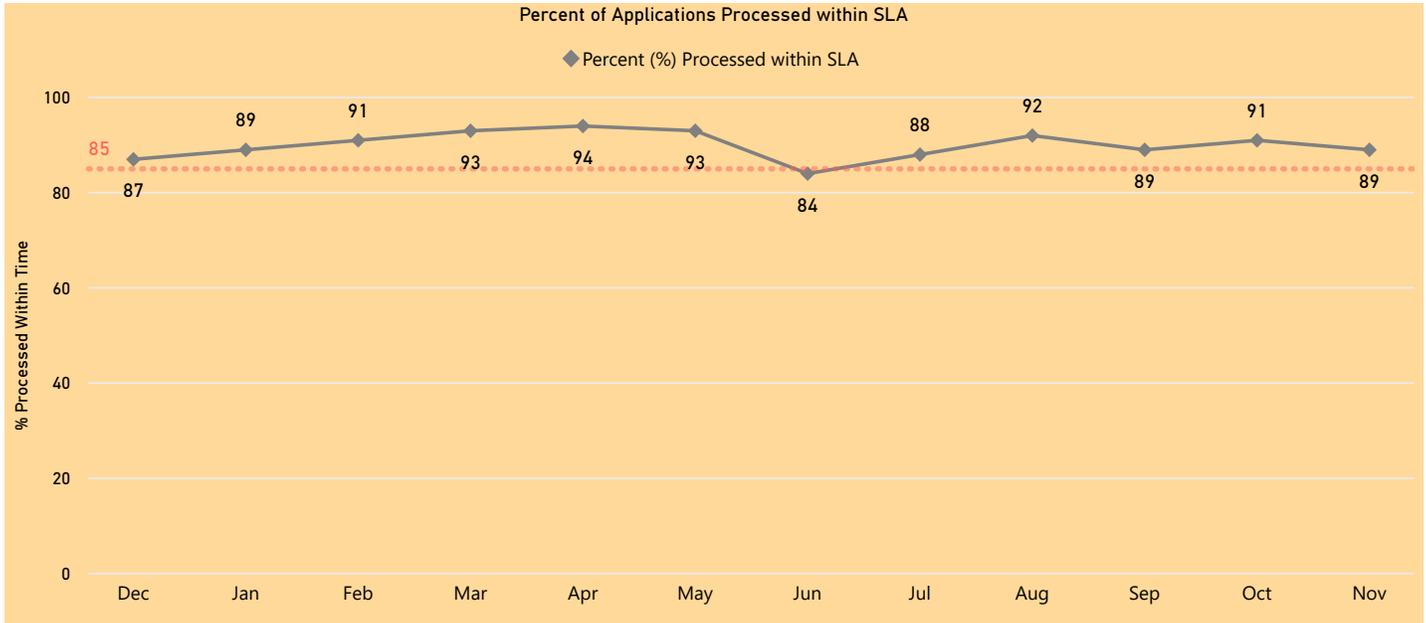
Combined Sewer System



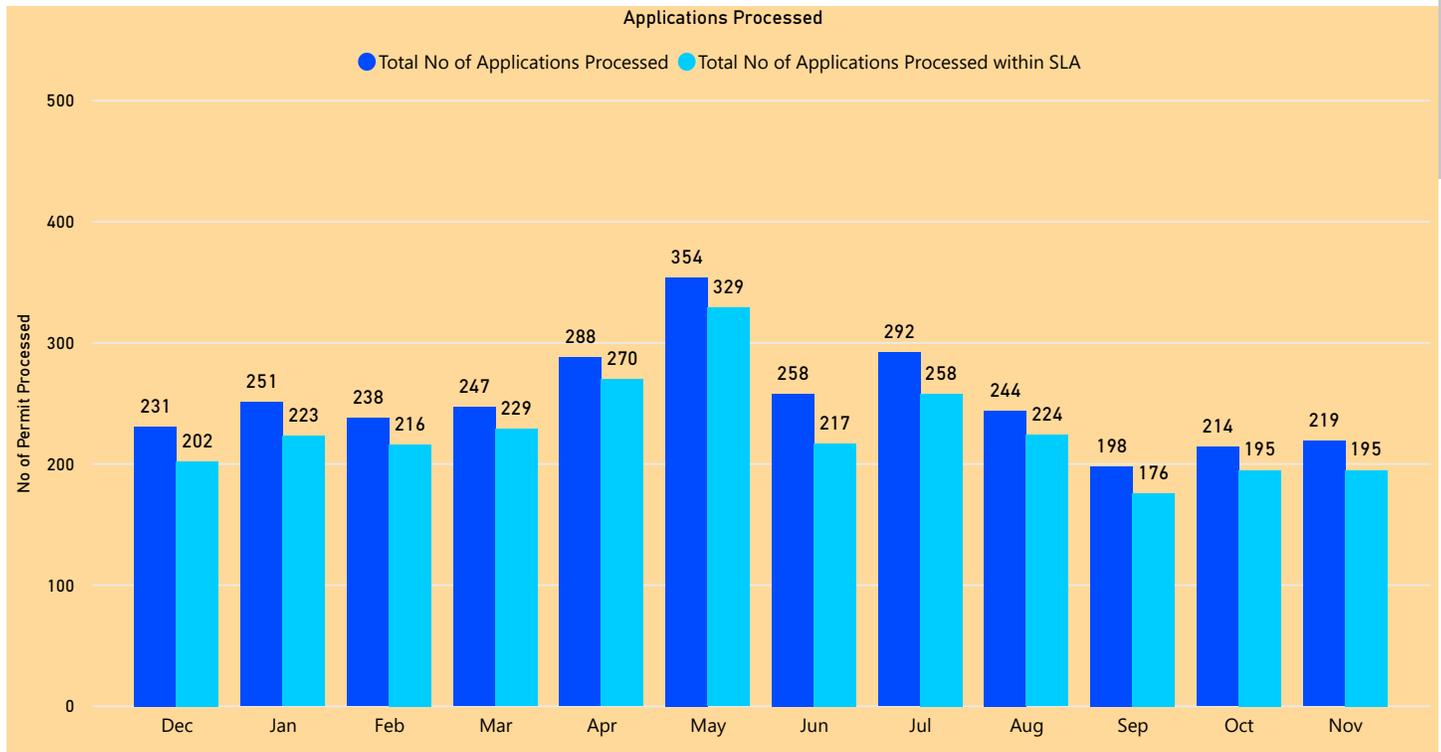
No dry weather Combined Sewer Overflow events were recorded in Novemb...

OPERATIONS AND ENGINEERING

Permit Processing

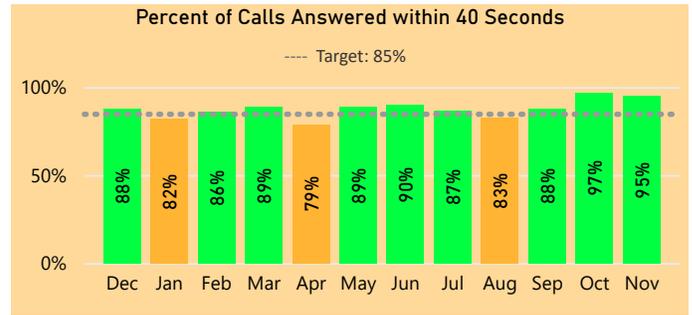
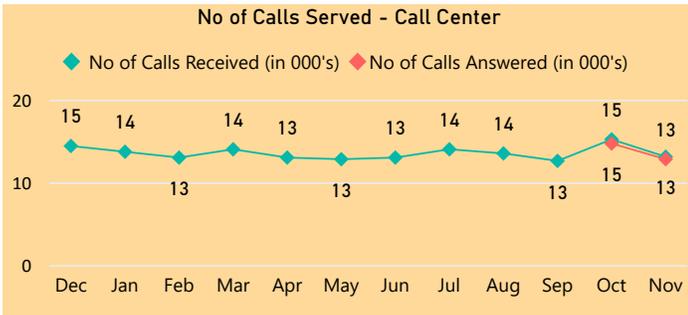


Permits processed in November were 4% above the SLA target of 85%



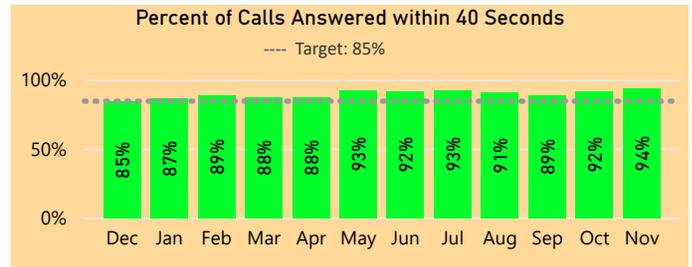
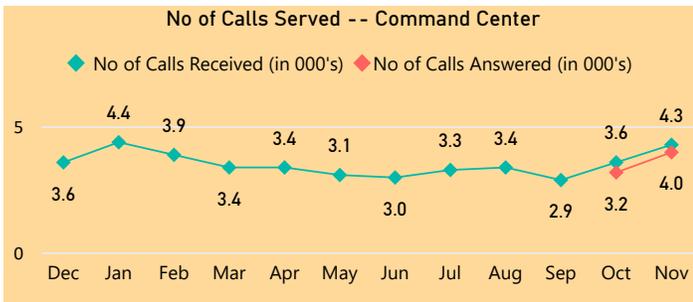
CUSTOMER EXPERIENCE

Customer Care - Call Center Performance



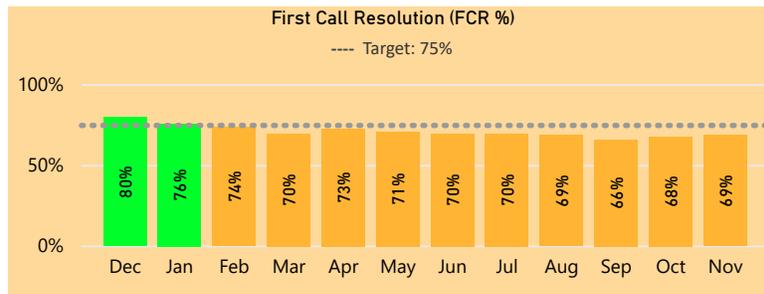
Performance for November was above target by 10%.

Customer Care - Command Center Performance



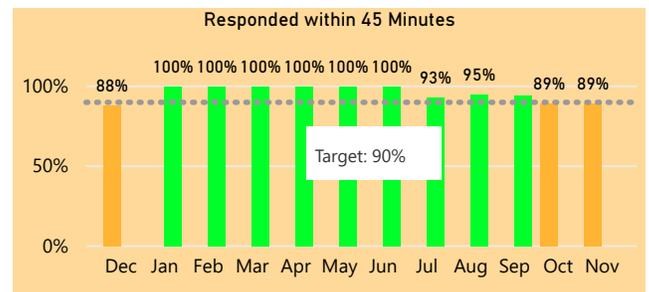
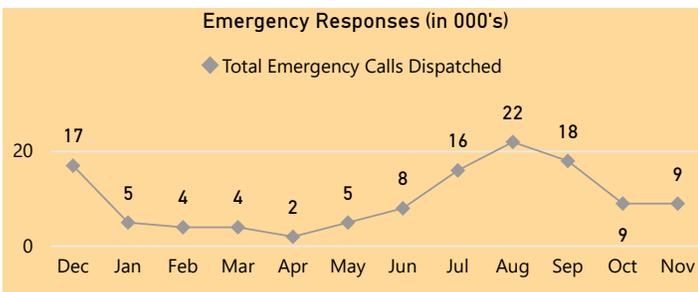
Performance for November was above target by 9%.

Customer Care - First Call Resolution



Performance for November was below target by 6%.

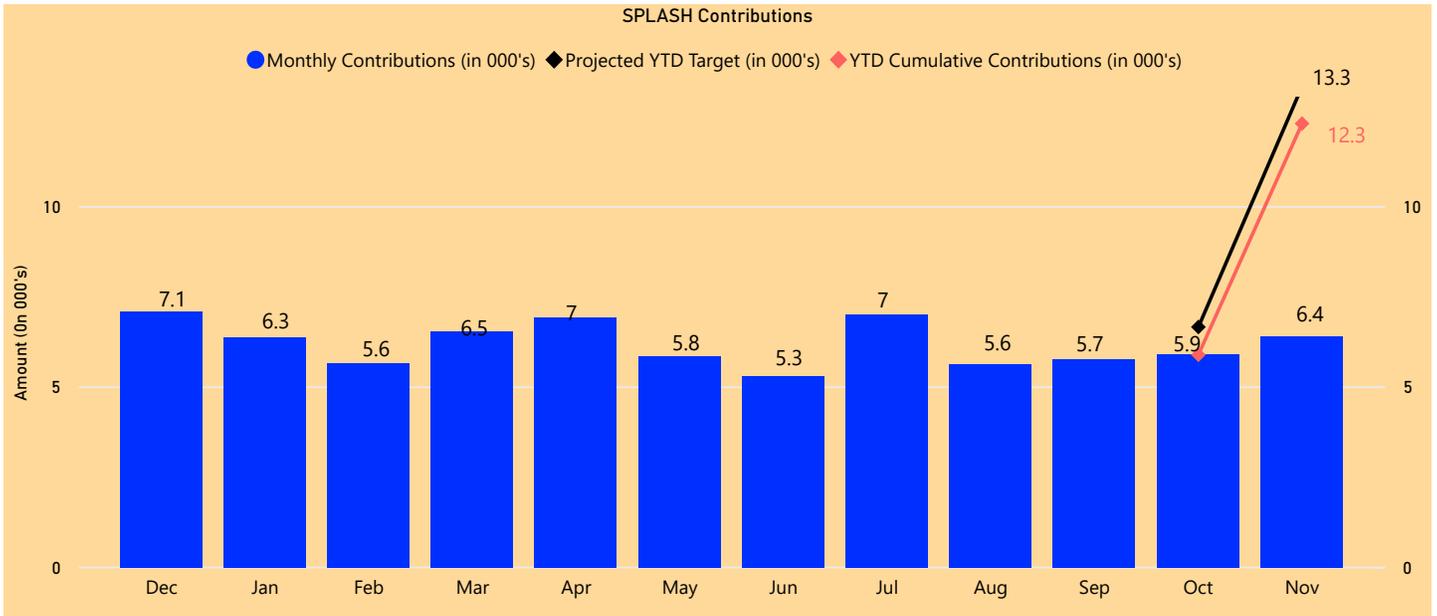
Customer Care - Emergency Response Time



Performance for November was above target by 9%

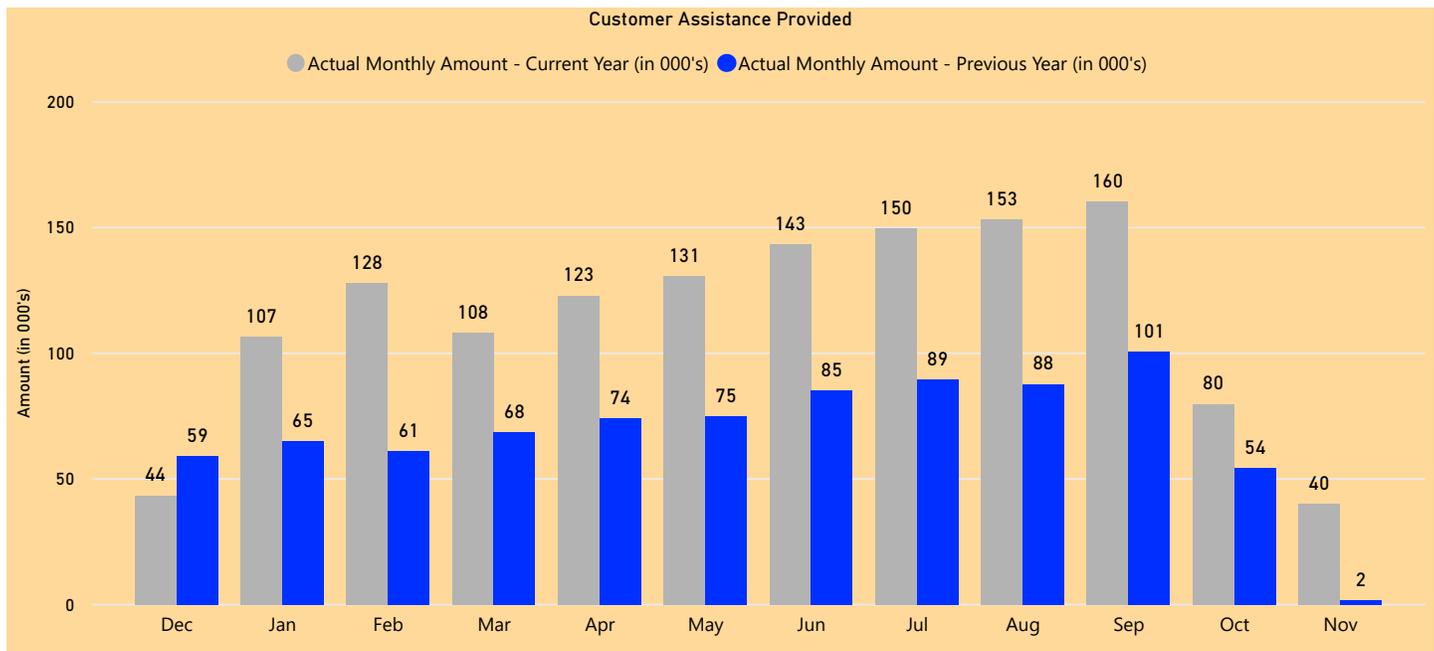
LOW INCOME ASSISTANCE PROGRAM

SPLASH Program



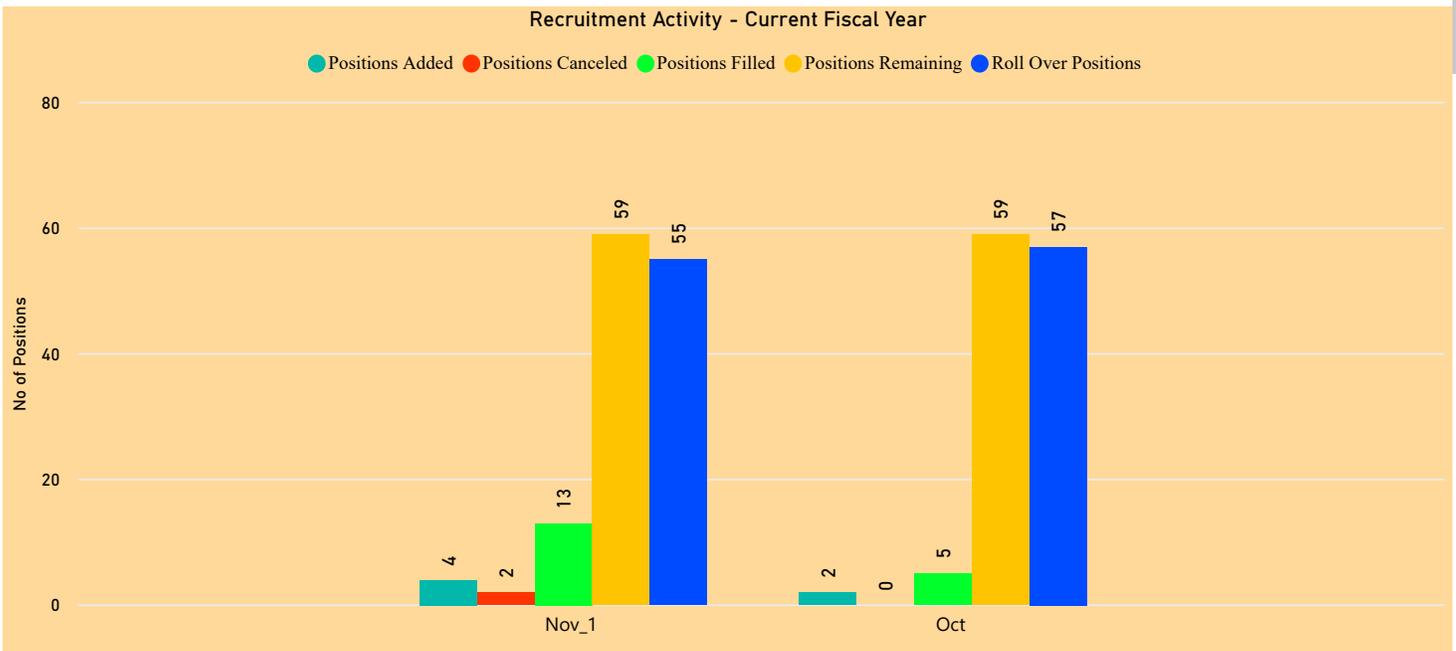
Total SPLASH Contributions to date for November was above target by \$1030.

Customer Assistance Program (CAP)



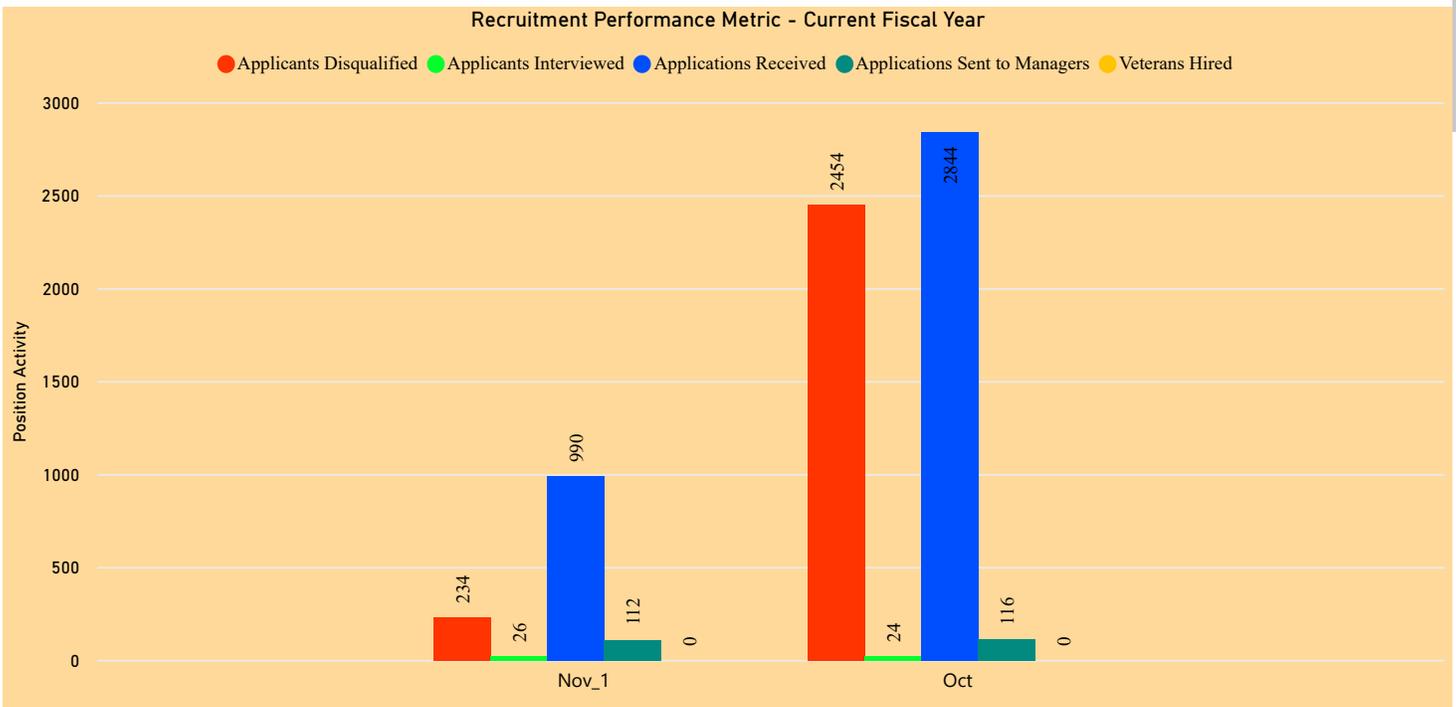
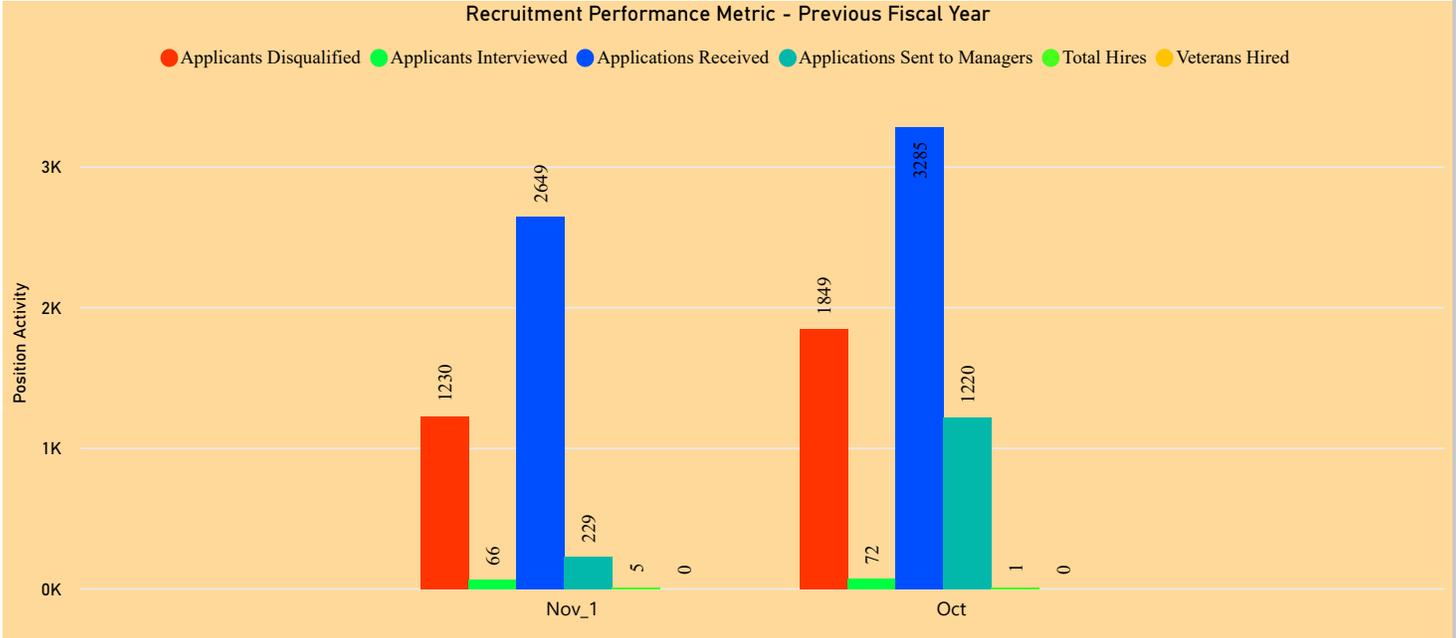
PEOPLE AND TALENT

Human Resources



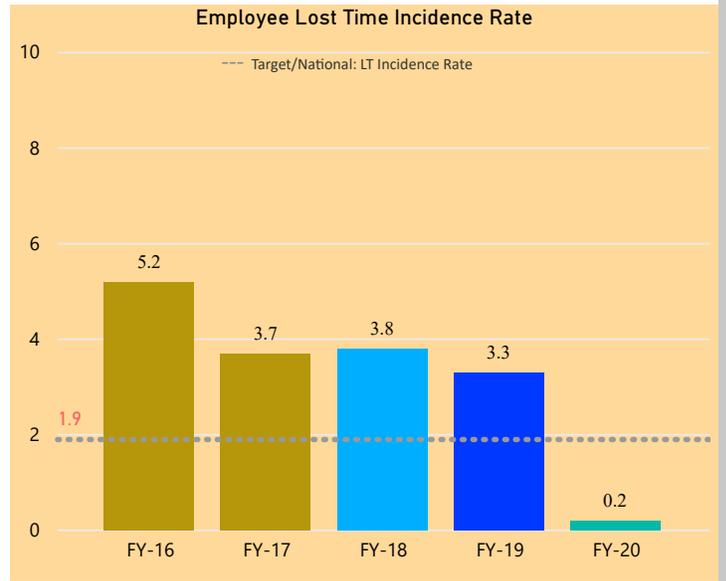
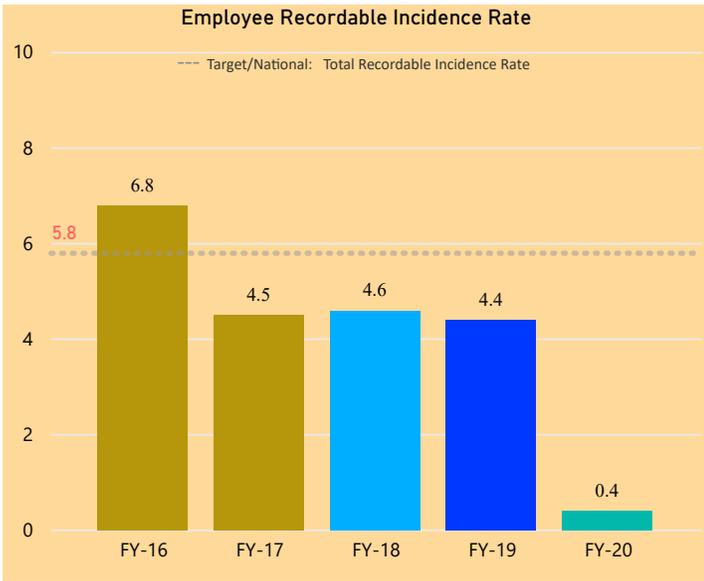
PEOPLE AND TALENT

Human Resources



ADMINISTRATION

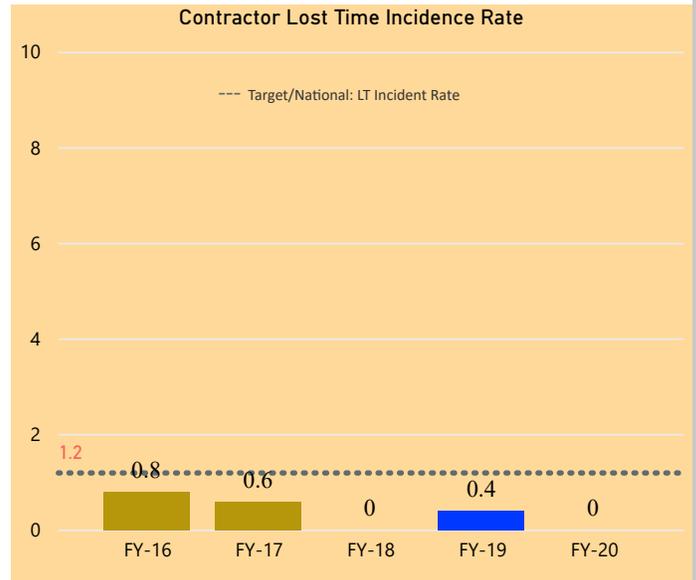
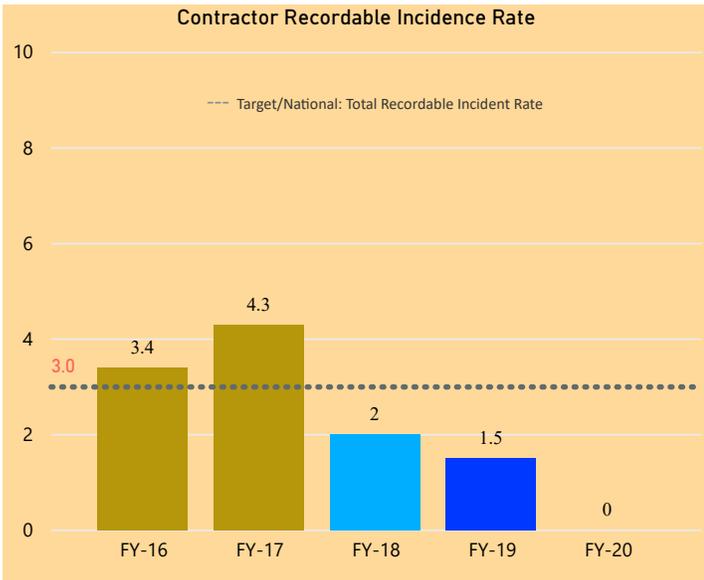
Safety



There have been 2 lost time incidents in FY 2020

ADMINISTRATION

Safety



There have been 0 lost time incidents in FY 2020

INTERPRETATION OF CHARTS:

FINANCIAL HIGHLIGHTS

Revenue, Expenditure, Capital Disbursement

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

Net Operating Cash

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

Operating Revenues

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

Operating Expenses

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

Capital Disbursements

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

Operating Cash Balance

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

Delinquent Account Receivables

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

Investment Cash Earnings

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

Core Investments Yield

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

Short Term Investment Yield

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

Dynamic Color Coding Legend

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

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

A

Vendor Payment Performance

- Bar graph shows monthly Vendor Payment Performance percentage against monthly target of 97%; indicated by grey dotted line. This element is dynamically color coded**
- Line graph denoted by (O) shows the YTD vendor payment performance %.

OPERATIONS & ENGINEERING

Electricity Usage Summary

- Bar graph shows total electricity consumption per month

Electricity Usage by Service Area

- Shows a monthly breakdown by service area of electricity usage
- Dark blue shows for Waste Water Treatment Service Area
- Light blue shows Water Pumping Service Area
- Brown shows Sewer Pumping Service Area

Biosolids Production

- Bar graph shows monthly average daily biosolids production

Total Nitrogen

- Line graph denoted by (Δ) shows monthly total nitrogen level against the current permit (dark grey) and 2015 permit (light grey) levels. This element is color coded****

Plant Effluent Flow

- Line graph denoted by (Δ) shows monthly influent flow against the plant design average limit of 370MGD. This element is color coded****

Excess Flow

- Line graph denoted by (Δ) shows monthly excess flow

Non-Revenue Water

- Bar graph shows the volume of water purchased (dark blue) and water sold (light blue) per quarter
- Line graph denoted by (Δ, O) shows the Infrastructure Leakage Index(ILI) for the current and previous year

Lead and Copper Rule (LCR) Compliance

- Line graph denoted by (Δ, O) shows semi-annual LCR monitoring results against target of 15ppb; indicated by grey dotted line. This element is color coded****

Total Coliform Rule (TCR)

- Line graph denoted by (Δ) shows total coliform positives against the EPA maximum contaminant level of 5%. This element is color coded****

Water Main Leaks

- Bar graph shows the water main leaks reported
- The bar graph is stacked (dark blue) to show the pending leaks carried over from the previous month if any; bar graph(light blue) shows new water main leaks reported for the given month

Dynamic Color Coding Legend

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

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

- Line graph denoted by (O) shows the number of main leaks repaired per month

Water Valve Leaks

- Bar graph shows the water valve leaks reported
- The bar graph is stacked (dark blue) to show the pending leaks carried over from the previous month if any; bar graph(light blue) shows new water valve leaks reported for the given month
- Line graph denoted by (O) shows the number of valve leaks repaired per month

Fire Hydrants Out of Service (OOS)

- Bar graph shows total hydrants not available for use against target of 91; indicated by grey dotted line. This element is dynamically color coded****
- The bar graph is stacked (blue) to show hydrants that are inaccessible. Inaccessible hydrants are not measured against the target of 91

Fire Hydrant Inspections and Maintenance

- Bar graph shows the total number of fire hydrants repaired per month

Fire Hydrant Replacements Per Month

- Bar graph shows the total number of hydrants replaced per month against target of 21; indicated by grey dotted line. This element is dynamically color coded***

Sewer Main Backups

- Bar graph shows the sewer main backups reported
- The bar graph is stacked (dark blue) to show the pending backups carried over from the previous month if any; bar graph(light blue) shows new sewer main backups reported for the given month
- Line graph denoted by (O) shows the number of main backups resolved per month

Sewer Lateral Backups

- Bar graph shows the sewer lateral backups reported
- The bar graph is stacked (dark blue) to show the pending backups carried over from the previous month if any; bar graph(light blue) shows new sewer laterals backups reported for the given month
- Line graph denoted by (O) shows the number of lateral backups resolved per month

Combined Sewer dry weather Overflow (CSO) Events

- Bar graph shows dry weather CSO events per month
- Line graph denoted by (O) shows the volume in Million Gallons(MG) per dry weather CSO event

Total Applications Processed within Service Level Agreement (SLA)

- Bar graph shows
 - the number of permits processed per month (dark blue)
 - the number of permits processed within SLA per month (light blue)
- Line graph denoted by (O) shows the percentage of permits processed vs. processed within SLA

Dynamic Color Coding Legend

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

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

CUSTOMER EXPERIENCE

CUSTOMER CARE

Call Center Performance

- Bar graph shows monthly percentage of calls answered within 40 seconds against target of 85%; indicated by grey dotted line. This element is dynamically color coded***
- Line graph denoted by (O) shows the number of calls received by the call center every month

Command Center Performance

- Bar graph shows monthly percentage of calls answered within 40 seconds against target of 85%; indicated by grey dotted line. This element is dynamically color coded***
- Line graph denoted by (O) shows the number of calls received by the command center every month

First Call Resolution (FCR)

- Bar graph shows monthly percentage of calls resolved on first contact against target of 75%; indicated by grey dotted line. This element is color dynamically coded***

Emergency Response Time

- Bar graph shows the percentage of emergency calls responded to within 45 minutes against target of 90%; indicated by grey dotted line. This element is dynamically color coded***
- Line graph denoted by (O) shows the total calls dispatched per month

LOW INCOME ASSISTANCE PROGRAM

SPLASH Contributions

- Bar graph shows monthly SPLASH contributions
- Line graph denoted by (Δ) shows the YTD contributions against target (O). This element is color coded***

Customer Assistance Program (CAP)

- Bar graph shows monthly CAP assistance
- Line graph denoted by (Δ) shows the YTD contributions against budget (O). This element is color coded***

PEOPLE AND TALENT

HUMAN RESOURCES

Open Positions

- Bar graph (dark blue) shows open positions carried over from the previous month.
- Bar graph (light blue) shows new positions added in the given month.
- Bar graph (olive green) shows positions filled in the given month.
- Bar graph (orange) shows positions cancelled in the given month.
- Bar graph (light green) shows net remaining open positions at the end of the given month.

Dynamic Color Coding Legend

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

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

ADMINISTRATION

SAFETY

Employee Lost Time Incidence Rate

- Bar graph shows quarterly Employee Lost Time (LT) incidence rate as compared to the National average LT rate of 2.0; indicated by grey dotted line. Light blue represents the previous year, brown represents the year before previous and dark blue the current fiscal year.
- Scatter graph denoted by (Δ, O) shows the number of Lost Time accidents and comparison is also made between the current year and the previous years.

Contractor Lost Time Incidence Rate

- Bar graph shows quarterly Contractor Lost Time (LT) incidence rate. Light blue represents the previous year, brown represents the year before previous and dark blue the current fiscal year.
- Scatter graph denoted by (Δ, O) shows the number of Lost Time accidents and comparison is also made between the current year and the previous years.

Dynamic Color Coding Legend

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

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



Summary of Contracts on Consent Agenda

260th Meeting of the DC Water Board of Directors

Thursday, January 2, 2020

Joint-Use Contracts

Resolution No. 20-00 - Execute Option Year Four of Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc. The purpose of the option is to continue the supply and delivery of liquid ferric chloride to DC Water's Blue Plains Advanced Wastewater Treatment Facility. The option amount is \$5,000,000. (Recommended by the Environmental Quality and Operations Committee 12/19/19)

Resolution No. 20-01 – Execute Contract No. 19-PR-DWTY-21A, Colonial Chemicals, Inc. The purpose of the contract is to supply and deliver methanol to DC Water's Blue Plains Advanced Wastewater Treatment Facility. The contract amount is \$7,000,000. (Recommended by the Environmental Quality and Operations Committee 12/19/19)

Resolution No. 20-02 – Execute Contract No. 20-PR-DFM-18, KLSL Consulting, LLC. The purpose of the contract is to provide Temporary Staffing Services to DC Water's Fleet Department for fleet maintenance personnel. The contract amount is \$1,618,558.34. (Recommended by the Environmental Quality and Operations Committee 12/19/19)

Resolution No. 20-03 – Execute funding for GSA Agreement GS35F0119P, Verizon Inc, and GSA Agreement GS11T08BJD6001, Verizon Wireless. The purpose of the funding is to continue to ride the GSA agreements for telecommunication services provided by Verizon and Verizon Wireless. The agreement amounts total \$1,752,500. (Recommended by the Environmental Quality and Operations Committee 12/19/19)

Resolution No. 20-04 – Execute Contract No. 503-WSA, AECOM Services of DC. The purpose of the contract is to provide support to DC Water's planning and execution of its Capital Improvement Program (CIP) and to assist various DC Water Departments in matters requiring engineering or technical expertise, CIP program controls, design and construction management. The contract amount is not-to-exceed \$25,000,000. (Recommended by the Environmental Quality and Operations Committee 12/19/19)

Resolution No. 20-05 – Execute Contract No. 190010, Ulliman Schutte Construction, LLC. The purpose of the contract is to provide Phase I design and construction services to renew three pipe segments adjacent to Potomac Interceptor Manhole 31. The contract not-to-exceed amount is \$2,561,444. (Recommended by the Environmental Quality and Operations Committee 12/19/19)

Presented and Approved: January 2, 2020

SUBJECT: Approval to Execute Option Year Four (4) of Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc.

**#20-00
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 2, 2020 upon consideration of a joint use matter, decided by a vote of ___() in favor and ___() opposed to approve Option Year Four (4) of 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 Option Year Four (4) of Contract No. 15-PR-WWT-53A, Carter & Carter Enterprises, Inc. The purpose of the option is to continue the supply and delivery of liquid ferric chloride to DC Water's Blue Plains Advanced Wastewater Treatment Facility. The option amount is \$5,000,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT OPTION YEAR
FERRIC CHLORIDE
(Joint Use)**

Approval to exercise option year 4 for the supply and delivery of Ferric Chloride in the amount of \$5,000,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Carter & Carter Enterprises Inc. 212 Van Buren Street, NW Washington, D.C. 20012 LSBE	N/A	100%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$3,325,000.00
Original Contract Dates:	01-10-2016—01-09-2017
No. of Option Years in Contract:	4
Option Year 1 – 2 Value:	\$6,881,775.00
Option Year 1 – 2 Dates:	01-10-2017—01-09-2019
Prior Modifications Value:	\$1,100,000.00
Prior Modifications Dates:	10-01-2018—01-09-2019
Option Year 3 Value:	\$4,900,000.00
Option Year 3 Dates:	01-10-2019—01-09-2020
Option Year 4 Value:	\$5,000,000.00
Option Year 4 Dates:	01-10-2020—01-09-2021

Purpose of the Contract:

This contract is to supply and deliver liquid ferric chloride to DC Water’s Blue Plains Advanced Wastewater Treatment Facility. Ferric chloride is used in the wastewater treatment process to remove phosphorous, suspended solids, and odor-causing compounds. All these functions are needed for DC Water to comply with its water discharge permits.

Contract Scope:

To ensure supply security, ferric chloride requirements were awarded to two companies with independent supply chains: Carter & Carter (C&C) and PVS Technologies. In option year 3, ferric chloride pricing began increasing due to higher costs and lesser availability of its raw materials. To lower the cost impact on DC Water yet still maintain supply security, C&C’s account share was increased to 90% from 70%, and PVS’s reduced to 10% from 30%.

Spending Previous Year:

Cumulative Contract Value:	01-10-2016 to 01-09-2020: \$16,206,775.00
Cumulative Contract Spending:	01-10-2016 to 11-30-2019: \$15,407,623.00

Contractor’s Past Performance:

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

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Ferric Chloride	Contract Number:	15-PR-WWT-53A
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	Department:	Wastewater Treatment
Project Area:	Blue Plains	Department Head:	Aklile Tesfaye

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	45.15%	\$2,257,500.00
Washington Suburban Sanitary Commission	39.61%	\$1,980,500.00
Fairfax County	9.76%	\$488,000.00
Loudoun Water	4.74%	\$237,000.00
Other (PI)	0.74%	\$37,000.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$5,000,000.00

 / 12/5/19
 Aklile Tesfaye Date
 VP of Wastewater Operation

 / 12/9/19
 Dan Bae Date
 VP of Procurement and Compliance

 / 12/10/19
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

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

Presented and Approved: January 2, 2020

**SUBJECT: Approval to Execute Contract No. 19-PR-DWT-21A,
Colonial Chemicals, Inc.**

**#20-01
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 2, 2020 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___() opposed to approve Contract No. 19-PR-DWT-21A, Colonial Chemicals, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 19-PR-DWT-21A, Colonial Chemicals, Inc. The purpose of the contract is to supply and deliver methanol to DC Water's Blue Plains Advanced Wastewater Treatment Facility. The contract amount is \$7,000,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT AWARD
Supply and Delivery of Methanol
(Joint Use)**

Approval to execute a contract for the supply and delivery of methanol in the amount of \$7,000,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Colonial Chemicals, Inc. 916 West Lathrop Avenue Savannah, GA 31415	SUBS: N/A	PARTICIPATION: N/A
--	---------------------	------------------------------

DESCRIPTION AND PURPOSE

Base Period Contract Value:	\$7,000,000.00
Base Contract Period:	1 Year
No. of Option Years:	2
Anticipated Contract Start Date:	01-13-2020
Anticipated Base Period Completion Date:	01-12-2021
Proposal Closing Date:	07-31-2019
Proposals Received:	3
Proposal Price Range:	\$0.996/gallon - \$1.243/gallon
Preference Points or Discount Received:	None

Purpose of the Contract:

The purpose of this contract is to supply and deliver methanol to DC Water's Blue Plains Advanced Wastewater Treatment Facility. Methanol is the carbon source used as a nutrient for bacteria in the Nitrification section, where nitrogen is removed from wastewater. Nitrogen removal is critical and therefore consistent and secure supply of methanol is required.

Contract Scope:

Supply was awarded to two companies with independent supply chains. 90% of DC Water's requirements was awarded to Colonial Chemical (19-PR-DWT-21A, this request), and 10% to Mitsubishi International (19-PR-DWT-21B). Blue Plains is projected to consume approximately 6,400,000 gallons of the methanol during base year.

Supplier Selection:

Three companies responded to an RFI intended to identify firms that can supply DC Water's methanol requirements. Each is known to DC Water and can meet all requirements. DC Water negotiated with all three suppliers, and the final selections were made based on best and final offers (BAFO) and best value. The requested base year funding has a 10% contingency in case plant throughput is greater than forecasted.

No LBE/LSBE participation.

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Lowest Cost
Commodity:	Chemical	Contract Number:	19-PR-DWT-21A
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Operating	Department:	Wastewater Treatment
Service Area:	Blue Plains AWTP	Department Head:	Aklile Tesfaye

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	45.15%	\$3,160,500.00
Washington Suburban Sanitary Commission	39.61%	\$2,772,700.00
Fairfax County	9.76%	\$683,200.00
Loudoun Water	4.74%	\$331,800.00
Other (PI)	0.74%	\$51,800.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$7,000,000.00

 / 12/15/19
 Aklile Tesfaye Date
 VP of Wastewater Operations

 / 12/9/19
 Dan Bae Date
 VP of Procurement and Compliance

 / 12/10/19
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

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

Presented and Approved: January 2, 2020

SUBJECT: Approval to Execute Contract No. 20-PR-DFM-18, KLSL Consulting, LLC

**#20-02
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 2, 2020 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___() opposed to approve Contract No. 20-PR-DFM-18, KLSL Consulting, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 20-PR-DFM-18, KLSL Consulting, LLC. The purpose of the contract is to provide Temporary Staffing Services to DC Water's Fleet Department for fleet maintenance personnel. The contract amount is \$1,618,558.34.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT AWARD
For Temporary Staffing Services
(Joint Use - Indirect)**

Approval to execute contract award for Temporary Staffing Services in the amount of \$1,618,558.34.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
KLSL Consulting, LLC 5335 Wisconsin Avenue Suite #440 Washington, DC 20015 (LSBE)		100%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,618,558.34
No. of Option Years:	0
Anticipated Contract Start Date:	01-06-2020
Anticipated Completion Date:	01-31-2021
Proposals Received:	4
Proposal Price Range:	\$1,618,510.40 - \$2,204,476.56
Preference Points Received:	10

Purpose of the Contract:

To supply Temporary Staffing Services to the Fleet Department for fleet maintenance personnel.

Contract Scope:

Eighteen fleet maintenance personnel are currently provided under contract with Centerra. That contract will expire on 01/09/2020. This contract is to ensure the maintenance staff continue with DC Water by transferring their employment from Centerra to KLSL, a temporary staffing agency.

Proposals Received: (All firms are LSBE.)

KLSL Consulting, LLC 5335 Wisconsin Avenue, Suite #440 Washington, DC 20015	MB Staffing, LLC 819 7 th Street, Suite #311 Washington, DC 20001
Premier Staffing 4640 Forbes Boulevard, Suite #200A Lanham, MD 20706	The Mind Finders 1200 18 th Street, Suite #650 Washington, DC 20036

Selection:

Proposals were requested from four temporary staffing agencies. KLSL Consulting, LLC was selected based on the lowest hourly rate submitted for the positions.

PROCUREMENT INFORMATION

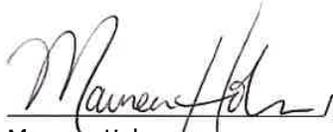
Contract Type:	Fixed Hourly Rate	Award Based On:	Lowest Price
Commodity:	Good and Services	Contract Number:	20-PR-DFM-18
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

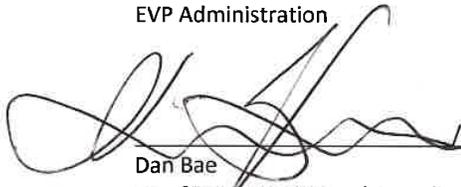
BUDGET INFORMATION

Funding:	Operating	Department:	Fleet
Project Area:	DC Water Wide	Department Head:	Tim Fitzgerald

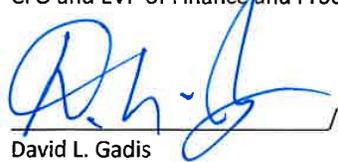
ESTIMATED USER SHARE INFORMATION

User – Operating	Share %	Dollar Amount
District of Columbia	84.61%	\$1,369,462.21
Washington Suburban Sanitary Commission	11.11%	\$179,821.83
Fairfax County	2.74%	\$44,348.50
Loudoun Water	1.33%	\$21,526.83
Other (PI)	0.21%	\$3,398.97
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,618,558.34


 Maureen Holman, 12/9/2019.
 Maureen Holman Date
 EVP Administration


 Dan Bae, 12/9/19
 Dan Bae Date
 VP of Procurement and Compliance


 Matthew T. Brown, 12/10/19
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement


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

Presented and Approved: January 2, 2020

SUBJECT: Approval to Execute funding for GSA Agreements with Verizon Wireless and Verizon Inc.

**#20-03
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 2, 2020 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___() opposed to approve funding for GSA Agreement GS35F0119P, Verizon Inc., and GSA Agreement GS11T08BJD6001, Verizon Wireless.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute funding for GSA Agreement GS35F0119P, Verizon Inc., and GSA Agreement GS11T08BJD6001, Verizon Wireless. The purpose of the funding is to continue to ride the GSA agreements for telecommunication services provided by Verizon and Verizon Wireless. The agreement amounts total \$1,762,500.

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 SERVICES PURCHASE ORDER FUNDING
For Telecommunication Services
(Joint Use)**

This action is to fund Purchase Orders for FY20 Telecommunication Services. \$342,832.00 for GSA Agreement GS35F0119P with Verizon Wireless, and \$1,419,668.00 for GSA Agreement GS11T08BJD6001 for Verizon Inc. This action totals \$1,762,500.00.

CONTRACTOR/SUB/VENDOR INFORMATION		
PRIME: Verizon Inc. 2055 L St. NW Washington DC, 20036	SUBS: N/A	PARTICIPATION: N/A
Verizon Wireless 10170 Junction Drive, Suite 200 Annapolis Junction, MD 20701	N/A	N/A

DESCRIPTION AND PURPOSE		
	<u>Verizon</u>	<u>Verizon Wireless</u>

Funding Value:	\$1,419,668.00	\$342,832.00
Funding Dates:	10-01-2019 – 09-30-2020	10-01-2019 – 09-30-2020

Purpose of the funding:

To supply Analog Telephone Services, Wireless Internet Services, SCADA Network System, Transparent LAN Services (TLS) Security Service, Data Network Circuits and other Telecommunication Services throughout the Authority.

Funding action:

This funding is so DC Water can continue to ride the GSA agreements for telecommunication services provided by Verizon and Verizon Wireless (GSA Agreements: GS35F0119P and GS11T08BJD6001). These funds are to provide telecommunication services for FY20.

Spending Previous Year:

Verizon Previous Year Spend:	11-29-2018 to 11-29-2019:	\$ 1,609,237.27
Verizon Wireless Previous Year Spend:	11-29-2018 to 11-29-2019:	\$ 296,448.08

Contractor's Past Performance:

According to the Information Technology Department, the supplier's quality of services and timeliness of deliverables, conformance to DC Water's policies, procedures and contract terms, and invoicing; all meet expectations and requirements.

No LSBE Participation

PROCUREMENT INFORMATION

Contract Type:	GSA	Award Based On:	Riding GSA Contract
Commodity:	Good and Services	Contract Number:	GS35F0119P; GS11T08BJD6001
Contractor Market:	Open Market		

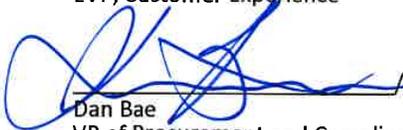
BUDGET INFORMATION

Funding:	Operating	Department:	Information Technology
Project Area:	DC Water Wide	Department Head:	Thomas Kuczynski

ESTIMATED USER SHARE INFORMATION

User – Operating	Share %	Dollar Amount
District of Columbia	84.61%	\$1,491,251.25
Washington Suburban Sanitary Commission	11.11%	\$195,813.75
Fairfax County	2.74%	\$48,292.50
Loudoun Water	1.33%	\$23,441.25
Other (PI)	0.21%	\$3,701.25
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,762,500.00


 Armon Curd
 EVP, Customer Experience
 Date 12/6/19


 Dan Bae
 VP of Procurement and Compliance
 Date 12/6/19


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


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

Presented and Approved: January 2, 2020
SUBJECT: Approval to Execute Contract No. DCFA No. 503-WSA,
AECOM Services of DC

#20-04
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 2, 2020 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___() opposed to approve Contract No. DCFA No. 503-WSA, AECOM Services of DC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 503-WSA, AECOM Services of DC. The purpose of the contact is to provide support to DC Water's planning and execution of its Capital Improvement Program (CIP) and to assist various DC Water Departments in matters requiring engineering or technical expertise, CIP program controls, design and construction management. The contract amount is not-to-exceed \$25,000,000.

This Resolution is effective immediately.

Secretary to the Board of Directors

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

ACTION REQUESTED

ENGINEERING SERVICES:

**Wastewater Treatment Program Manager II
(Joint Use)**

Approval to execute an architectural and engineering services agreement in the amount not to exceed \$25,000,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
AECOM Services of DC A Professional Corporation 1101 Connecticut Avenue, N.W. Suite 750 Washington, D.C. 20036 <u>Headquarters</u> Arlington, VA 22201	The Allied Companies, LLC Washington, D.C. MBE	7.5%
	PEER Consultants, P.C. Washington, D.C. MBE	5.5%
	Cube Root Corporation Washington, D.C. MBE	5.0%
	EPCM, Inc. Burke, VA MBE	4.8%
	Davis Brothers Construction Co., Inc Richmond, VA MBE	3.0%
	Delon Hampton & Associates Washington, D.C. MBE	3.0%
	Savin Engineers, P.C. Baltimore, M.D. MBE	0.2%
	Rohadfox Constr. Control Services Atlanta, GA WBE	2.3%
	McKissack & McKissack Washington, D.C. WBE	1.5%
	Sigma Associates, Inc. Washington, D.C. WBE	1.0%
	SZ PM Consultants Inc. Washington, D.C. WBE	0.2%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$25,000,000
 Contract Time: 1278 Days (3 Years, 6 Months)
 Anticipated Contract Start Date: 02-01-2020
 Anticipated Contract Completion Date: 08-02-2023

Other firms submitting proposals/qualification statements: None

Purpose of the Contract:

To support DC Water's planning and execution of its Capital Improvement Program (CIP) and to assist various DC Water Departments in matters requiring engineering or technical expertise, CIP program controls, design management and construction management. It is the intent of DC Water to develop in-house resources to provide routine, ongoing services, and the Waste Water Treatment Program Manager (WTPM) II will assist DC Water in this transition by transferring all program related systems, processes, tools and information to DC Water and/or its designee/s prior to the conclusion of the Contract. In addition, the WTPM II will help build capacity and capability within DC Water throughout the duration of the Contract. This will include identifying areas where DC Water resources are required, provide training/knowledge transfer, and staff augmentation to ensure a smooth transition.

Contract Scope:

- To provide program management services pertaining to the implementation of a significant Capital Improvement Program for DC Water facilities.
- To manage task order construction contracts.
- To manage Project Design Engineers (PDE) under contract to the Authority.
- To update and Integrate the Blue Plains 2016 Facilities Master Plan and the March 2017 Blue Plains Asset Management Plan.
- To assist the Authority in the update of design standards.
- To assist with the pre-treatment program.
- To assist DC Water with evaluating alternative energy generation/energy savings opportunities.
- To provide technical expertise in planning, program controls, engineering, design and construction.
- To transfer knowledge to DC Water staff related to proven successes.
- To assist DC Water with the transition to in-house resources for routine on-going services.

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Professional Services	Contract Number:	DCFA #503-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Wastewater Engineering
Service Area:	Wastewater Treatment	Department Head:	David Parker
Project:	A2, AL, AM, GP, FQ, NG, RH		

ESTIMATED USER SHARE INFORMATION

O Street & Stormwater Pump Stations

User	Share %	Dollar Amount
District of Columbia	100.00%	\$ 862,000.00
Total Estimated Dollar Amount	100.00%	\$ 862,000.00

Main Pump Station

User	Share %	Dollar Amount
District of Columbia	89.70%	\$ 976,833.00
Washington Suburban Sanitary Commission	10.30%	\$ 112,167.00
Total Estimated Dollar Amount	100.00%	\$ 1,089,000.00

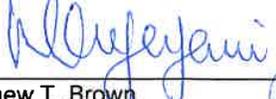
Blue Plains

User	Share %	Dollar Amount
District of Columbia	41.22%	\$ 9,500,797.80
Washington Suburban Sanitary Commission	45.84%	\$10,565,661.60
Fairfax County	8.38%	\$ 1,931,506.20
Loudoun County & Potomac Interceptor	4.56%	\$ 1,051,034.40
Total Estimated Dollar Amount	100.00%	\$23,049,000.00

Combined Allocation

User	Share %	Dollar Amount
District of Columbia	45.36%	\$11,339,630.80
Washington Suburban Sanitary Commission	42.71%	\$10,677,828.60
Fairfax County	7.73%	\$ 1,931,506.20
Loudoun County & Potomac Interceptor	4.20%	\$ 1,051,034.40
Total Estimated Dollar Amount	100.00%	\$25,000,000.00


 Leonard R. Benson
 SVP and Chief Engineer
 Date 1/12/19


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


 Dan Bae, VP
 Procurement & Compliance
 Date 12/10/19


 David L. Gadis
 CEO & General Manager
 Date 12/19/19

Presented and Approved: January 2, 2020
SUBJECT: Approval to Execute Contract No. 190010, Ulliman Schutte Construction, LLC

#20-05
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 2, 2020 upon consideration of a joint use matter, decided by a vote of __ () in favor and __() opposed to approve Contract No. 190010, Ulliman Schutte Construction, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 190010, Ulliman Schutte Construction, LLC. The purpose of the contract is to provide Phase I design and construction services to renew three pipe segments adjacent to Potomac Interceptor Manhole 31. The contract not-to-exceed amount is \$2,561,444.

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

**PROGRESSIVE DESIGN-BUILD CONTRACT
REHABILITATION OF THE PI BETWEEN MH31 AND MH30
(Joint Use)**

Approval to execute a progressive design-build contract not to exceed \$2,561,444.00 for Phase I Design.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Ulliman Schutte Construction, LLC 9111 Springboro Pike Miamisburg, OH 45342	Browne E&C Services, Inc Cincinnati, OH	MBE 8.1%
	Shrewsberry & Assoc. LLC Washington, DC	MBE 7.8%
	River to Tap, Inc. Dunwoody, GA	MBE 4.2%
	Savin Engineers, PC Landover, MD	MBE 2.9%
	JCK Underground, Inc. Boston, MA	MBE 1.5%
	SZ PM Consultants Inc. Washington, DC	MBE 0.7%
	DMY Engineering Consultants, Inc. Dulles, VA	MBE 0.4%
	Dranby Environmental Consulting Richmond, VA	WBE 4.6%
	DP Consultants, Inc. Washington, DC	WBE 2.3%
	Precision Measurements, Inc. Chantilly, VA	WBE 1.1%

* This is a progressive design-build contract. Following completion of Phase I (60% design development) The contractor will submit a price proposal for Phase II (Design Completion and Construction) including demonstration of MBE/WBE good faith efforts to meeting or exceed the MBE/WBE Fair Share Objectives.

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$ 2,561,444.00
Contract Time:	305 Days
Anticipated Contract Start Date (NTP):	02-03-2020
Anticipated Contract Completion Date:	12-03-2020
Qualifications Due Date:	02-13-2019
Proposals Received:	08-20-2019
Number of Firms Submitting Qualifications	6
Number of firms Shortlisted	3

Purpose of the Contract:

The Potomac Interceptor(PI) is a critical component of DC Water's sewer collection system serving Loudoun, Fairfax and Montgomery Counties. The purpose of this contract is to provide design and construction services to renew three pipe segments adjacent to PI manhole 31. Work will be completed in two phases. This fact sheet is for Phase I.

- Phase I: Design development to 60%.
- Phase II Completion of design, construction and restoration (scheduled to be awarded upon completion of Phase I and subject to an agreed price of Phase II)

Contract Scope:

Phase I design development to 60% will consider the following:

- Maintenance of 35 to 95 Million Gallons per Day (MGD) of flow during construction.
- Replacement of a 6-foot diameter, approximately 35 feet deep sewer manhole (MH31).
- Temporary extension of the existing odor control system at Manhole 31 to serve the temporary bypass pumping locations during construction.
- Rehabilitation of approximately 150 linear feet of 78-inch Reinforced Concrete Pipe (RCP).
- Replacement of approximately 200 linear feet of 54-inch RCP and to install an energy reducing device.
- Rehabilitation of approximately 200 linear feet of 54-inch RCP.
- Implement the use of corrosion resistant materials.
- Permitting assistance

Federal Grant Status:

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

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Not to Exceed	Award Based On:	Qualifications, Technical and delivery Proposals
Commodity:	Design and Construction	Contract Number:	190010
Contractor Market:	Open Market		

BUDGET INFORMATION

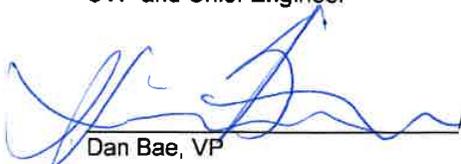
Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Sanitary	Department Head :	Craig Fricke
Project:	LZ		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	0.00%	\$
Washington Suburban Sanitary Commission	46.47%	\$ 1,190,303.03
Fairfax County	26.01%	\$ 666,231.58
Loudoun County & Potomac Interceptor	27.52%	\$ 704,909.39
Total Estimated Dollar Amount	100.00%	\$ 2,561,444.00


 Leonard R. Benson
 SVP and Chief Engineer
 Date 12.11.19


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


 Dan Bae, VP
 Procurement & Compliance
 Date 12/11/19


 David L. Gadis
 CEO & General Manager
 Date 12/19/19