

Meeting Book - Regular Board of Directors Meeting

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Board of Directors
John Hill, Chair
Patti Turner, Vice Chair
William Dickinson, Sec'y-Treas
James Beall
Bruce Johnson

Chief Executive Officer
Karen L. Pallansch, P.E., BCEE

General Counsel
McGuireWoods, LLP

INTERNAL MEMORANDUM

TO: Board of Directors of Alexandria Renew Enterprises
FROM: Secretary-Treasurer
DATE: September 10, 2019
SUBJECT: Regular Board of Directors Meeting

The Regular Meeting of the Board of Directors will be held in the Environmental Center, Edward Semonian Boardroom on Tuesday, September 17, at 6:00 p.m.

Attached is the September Monthly Board Meeting information for your review.

There are no items requiring Board action this month.



Agenda

Alexandria Renew Enterprises Board of Directors
 Tuesday, September 17, 2019, 6:00 p.m.
 1800 Limerick Street, Ed Semonian Boardroom

No.	Item	Presenter	Action Required
1.	Call Meeting to Order (6:00 p.m.)	Chairman	
2.	Approval of the Agenda (6:02 p.m.)	Chairman	Approval
3.	Closed Session for Discussion or consideration of real property acquisition for public purposes, or the disposition of publicly held property where discussion in an open meeting would adversely affect the bargaining position of the public body (6:45 p.m.)	Chairman	Approval
4.	Public Comment Period (6:50 p.m.)	Chairman	Approval
5.	Consent Calendar (6:52 p.m.) A. Approval of Minutes (Held July 25, 2019) (Tab 1)	Chairman	Approval
6.	Unfinished Business (6:55 p.m.) A. None	Chairman	Approval
7.	New Business (7:20 p.m.) A. Presentation of Tunnel Dewatering Pump Station	Chairman Justin Carl	Information
8.	Board Strategic Roundtable – Member & Committee Reports (7:30 p.m.) A. Council/Board CSO Workgroup (as needed) i. Next Meeting tentatively scheduled for Wednesday, September 25, 5:00 p.m. @ City Hall B. General Member Updates C. Community Meeting Updates – (as needed) D. Chamber of Commerce update – Ms. Turner - (as needed) E. Chesapeake Bay Citizens Advisory Group update - Mr. Dickinson (as needed) F. Finance and Audit Committee update – Mr. Johnson i. Next meeting scheduled for Wednesday, October 9, 6:00 p.m. G. Governance Committee update – Ms. Turner		Information
9.	Chief Executive Officer’s Reports and Recommendations (7:40 p.m.) A. Consideration of Monthly Financial Report (July and August) (Tab 2) B. CEO’s Monthly Report (July and August) (Tab 3) i. Jurisdictional Flows to AlexRenew under separate cover ii. RiverRenew Dashboard iii. HOA Meeting Calendar	Ms. Pallansch Ms. Pallansch Ms. Pallansch	Accept Information
10.	Adjourn (7:50 p.m.)	Chairman	

Times shown in parentheses are approximate and serve as guidelines

If you need an interpreter, translator, materials in alternate formats or other accommodations to access this service, activity or program, please call (703) 549-3381 at least three business days prior to the meeting.

**There is a meeting of the Finance and Audit Committee scheduled for Wednesday, October 9, 2019
 The next regular Board meeting is Tuesday, October 15, 2019**

**Chairman- John Hill • Vice Chairwoman- Patti Turner
 • Secretary-Treasurer-William Dickinson
 • Members- James Beall, Bruce Johnson**

Minutes of the 868th Meeting
“Celebrating Over 60 Years of Continuous Environmental Excellence”
Alexandria Renew Enterprises
6:00 p.m., Thursday, July 25, 2019

On Thursday, July 25, at 6:00 p.m., Alexandria Renew Enterprises held its regular Board of Directors meeting at Alexandria Renew Enterprises in the Ed Semonian Board Room at 1800 Limerick Street with the following present:

Members: Mr. John Hill, Chairman
Mr. Bruce Johnson, Vice Chairman
Mr. William Dickinson, Secretary-Treasurer
Mr. James Beall, Member
Ms. Patti Turner, Member

Staff: Ms. Karen Pallansch, Chief Executive Officer
Ms. Liliana Maldonado, Deputy General Manager, Engineering & Planning
Mr. Brian Mosby, Deputy General Manager, Operations & Maintenance
Mr. Blake Hamilton, Director of Environmental Performance
Ms. Caitlin Feehan, Program Manager, RiverRenew
Ms. Jimena Larson, Program Engineer, RiverRenew
Ms. Lorna Huff, Secretary to the Board

Counsel: Mr. Steve Mikulic
McGuireWoods, LLP

Fairfax County Representative: Mr. Shahram Mohsenin, Director
Fairfax County Wastewater Planning & Monitoring Division

City Representative: Mr. Lalit Sharma, Division Chief
Sanitary Sewer Infrastructure Division

Call to Order

The Chairman called the meeting to order at 6:04 p.m.

Approval of the Agenda

The Chairman requested that members review the agenda and inquired if there were changes. There were no changes to the Agenda. The Chairman requested a motion to approve the agenda. Mr. Johnson moved and Mr. Beall provided the second. The Board unanimously approved.

Public Comment

The Chairman recognized Mr. Marshall Brown from the Laborers’ International Union of North America. Mr. Brown introduced his colleague, Victoria Leonard and thanked the Board for giving him the opportunity to speak at the meeting. He reported that his union members had performed work on other tunnel projects. He was also looking forward to his members performing work on the CSO Alexandria tunnel project.

There were no other members of the public in attendance and wishing to speak. The Chairman closed the public comment period.

Election of Officers

The July Board meeting serves as the Annual meeting of the Board of Directors. The Chairman reported that he and the other members of the Board had discussed the election of officers and agreed that to maintain continuity through the upcoming year that Mr. Hill would remain as Chairman and Mr. Dickinson would remain as the Secretary-Treasurer. Ms. Turner volunteered for Vice Chairwoman to replace Mr. Johnson. Board members concurred. The current committee structure will also remain in place.

The Chairman called a motion to approve the slate of officers. Mr. Johnson moved and Mr. Beall provided the second. The Board unanimously approved. The Chairman further commended Mr. Johnson for his service as Vice Chairman.

Listed below is the current slate:

Chairman – John Hill
Vice Chairwoman – Patti Turner
Secretary-Treasurer – Bill Dickinson

Consent Calendar

A. Review and Approve Minutes June 18, 2019 Board Meeting

Mr. Hill requested that members review the Minutes of the June 18 meeting and inquired if they had questions or comments.

Mr. Dickinson reported that he had made minor edits to the Minutes that he has provided to the Board Secretary. There were no additional changes to the Minutes. The Chairman requested a motion to approve the Minutes as edited. Mr. Dickinson moved approval and Mr. Beall provided the second. The Board unanimously approved.

B. Review Approval of Contract Award for RiverRenew 108-116 MGD Expansion (Primary Effluent Pump Replacement)

Discussion

AlexRenew conducted solicitations using the Competitive Sealed Bidding procurement process as defined and authorized in the Virginia Public Procurement Act § 2.2-4302.1. AlexRenew issued Invitation to Bid (ITB) No. 19-042 on May 14, 2019 and received two (2) bids on June 25, 2019. American Contracting and Environmental Services, Inc. is the lowest responsive and responsible bidder.

This contract allows AlexRenew to obtain a contractor to construct the 108-116 MGD Expansion Project. This work will enable implementation of the RiverRenew Program and remediate Alexandria's combined and separate sewer systems.

Ms. Pallansch clarified that there is one contract for the Expansion project and that the Lump Sum Contract award means that the contractor is paid as work is performed on the project.

There were no additional questions or comments. The Chairman requested a motion to approve. Mr. Beall moved approval and Mr. Johnson seconded. The Board unanimously approved.

Be It Resolved That: the Board authorizes the CEO to execute a contract with American Contracting

and Environmental Services for the 108-116 MGD Expansion project in the amount of \$2,665,000.

C. Review Approval of Contract Award for RiverRenew WRRF Site Security Access, Contract No. 19-077

Discussion

AlexRenew conducted solicitations using the Competitive Sealed Bidding procurement process as defined and authorized in the Virginia Public Procurement Act § 2.2-4302.1. AlexRenew issued Invitation to Bid (ITB) No. 19-077 on May 21, 2019 and received two (2) bids on July 9, 2019. Sorensen Gross was the lowest responsive and responsible bidder.

The difference between the low bid and the Engineer's Opinion of Probable Cost was attributed to, two factors: 1) the nature of electrical improvements, and 2) the need for multiple and small structural, electrical, architectural, civil, and instrumentation and controls components spread across the WRRF site. The low bid was deemed reasonable when taking into account these challenges.

Ms. Pallansch clarified that this contract was for physical changes to the plant including gates, fencing and the guard shack. She reported that security personnel are procured on another contract.

There were no additional questions or comments. The Chairman requested a motion to approve. Ms. Turner moved and Mr. Dickinson provided the second. The Board unanimously approved.

Be It Resolved That: the Board authorizes the CEO to execute a contract with Sorenson Gross in the amount of \$1,527,000 for RiverRenew WRRF Site Security and Access.

Unfinished Business

A. None

New Business

A. None

Board Strategic Roundtable – Member and Committee Reports

CSO Workgroup – Mr. Hill

Mr. Hill reported that the City Council Board Workgroup met on Wednesday, July 24. One of the topics for discussion was tunnel procurement. Ms. Turner and Mr. Dickinson reported on Mayor Wilson's engagement and support, and the feedback from Councilwoman Jackson.

Mr. Dickinson reported that he had not seen any RiverRenew information at the library. Suggested that would be a good place to exhibit RiverRenew information.

Mr. Hill inquired on member contacts for the month.

Mr. Beall had nothing to report.

Chesapeake Bay Citizens Advisory Group – Mr. Dickinson

Mr. Dickinson reported that a meeting is scheduled for September 27 in Pennsylvania.

Finance and Audit Committee – Mr. Johnson

The next Finance & Audit Committee meeting is on Wednesday, October 9, at 6:00 p.m.

Chamber of Commerce – Ms. Turner

Ms. Turner reported that the Chamber of Commerce had just approved their legislative agenda for 2020.

Governance Committee

Nothing to report.

There were no additional questions or comments. The Chairman moved to the CEO's Reports and Recommendations.

CEO's Reports and Recommendations

A. Consideration of June 2019 Financial Report

Ms. Pallansch reviewed the financials for June. Ms. Turner inquired about AlexRenew contracts and expenses. Ms. Pallansch reported that the expenses are reflected in the financials as contractors are paid for work that is performed. She noted that the audit process has begun and cash reserves and debt coverage are good.

Staff has submitted its application for a Water Infrastructure Finance and Innovation Act (WIFIA) loan. The approval process take approximately two years.

Mr. Dickinson inquired about a sizable decrease in AlexRenew's sludge disposal for the month. Ms. Pallansch reported that she did not know, but would check and respond to his inquiry. Ms. Pallansch then reported on AlexRenew's sludge removal process.

There were no additional questions or comments and the Chairman moved to the CEO Monthly Report.

B. CEO Monthly Report (June)

Ms. Pallansch noted her written report and requested members questions or comments. There being no questions or comments, she noted an article that appeared on the WAMU website on the Potomac River. It references tunnel work in Alexandria and Washington, DC.

Ms. Turner inquired on the July 8 rain event where 3-4 inches of rain fell in a one-hour period. Ms. Pallansch reported no overflows in the plant, but an overflow at Hooffs Run. Ms. Pallansch then explained the differences between the AlexRenew December rain event and the July rain event.

Ms. Pallansch reported that she did not receive the data needed to complete the Jurisdictional Flow report in time for the meeting. She reported the RiverRenew program is on schedule. She reported no substantial comments were received on the Environmental Assessment.

Ms. Pallansch noted the RiverRenew Stakeholder Advisory Group meeting is scheduled for Monday, August 29, at 5:00 p.m. She has scheduled a Board tour of the D.C. Water Tunnel and a trip to the four outfalls for August 9. She requested that Board members confirm whether they will attend.

Ms. Pallansch introduced Mr. Steve Mikulic of McGuireWoods who is sitting in for Mr. Jonathan Rak, reporting that AlexRenew has been served well by its relationship.

There were no additional questions or comments and the Chairman requested a motion to adjourn. Mr.

Beall moved and Mr. Dickinson seconded. The Board unanimously approved.

The meeting adjourned at 6:54 p.m.

APPROVED:

Secretary-Treasurer

Monthly Financial Report

Month: July 2019

Overview

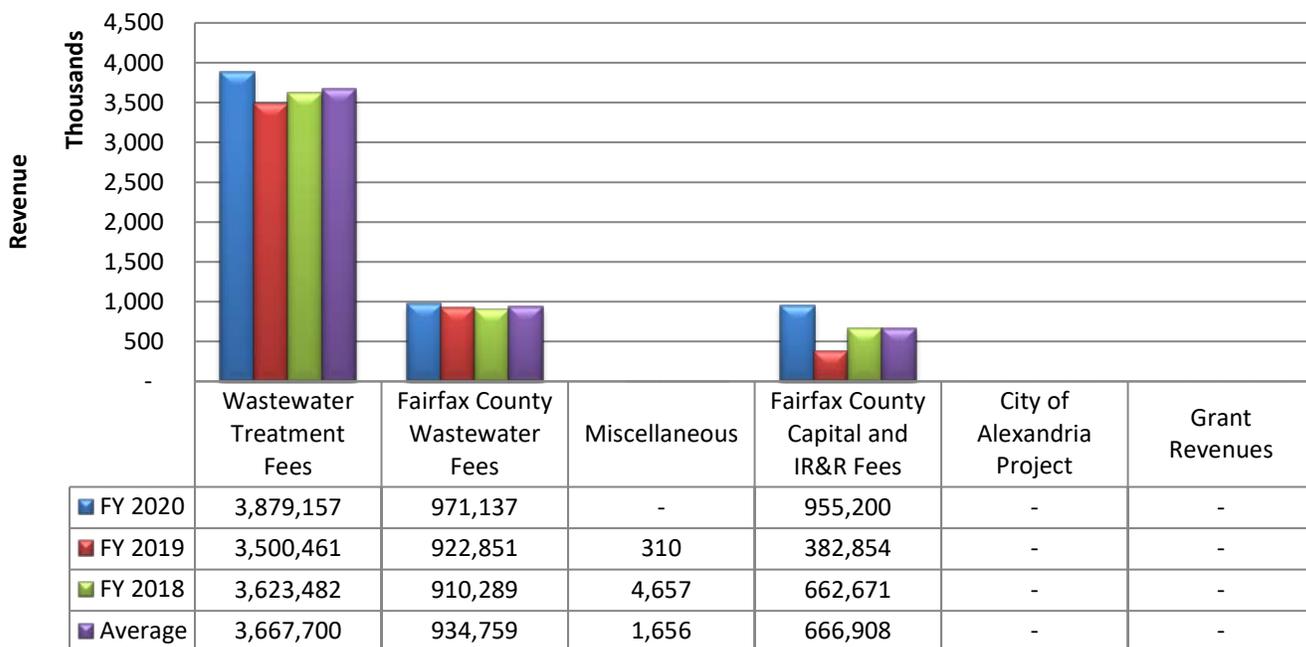
Monthly performance of AlexRenew's annual approved budget is reviewed and evaluated against actual to planned spend rates, historical trends, appropriate benchmarks and internal financial policies, to ensure overall organizational financial stability.

Currently, as the summary data herein will indicate, AlexRenew is trending slightly above its FY20 consolidated revenue budget and below its consolidated expense budget, month-to-date.

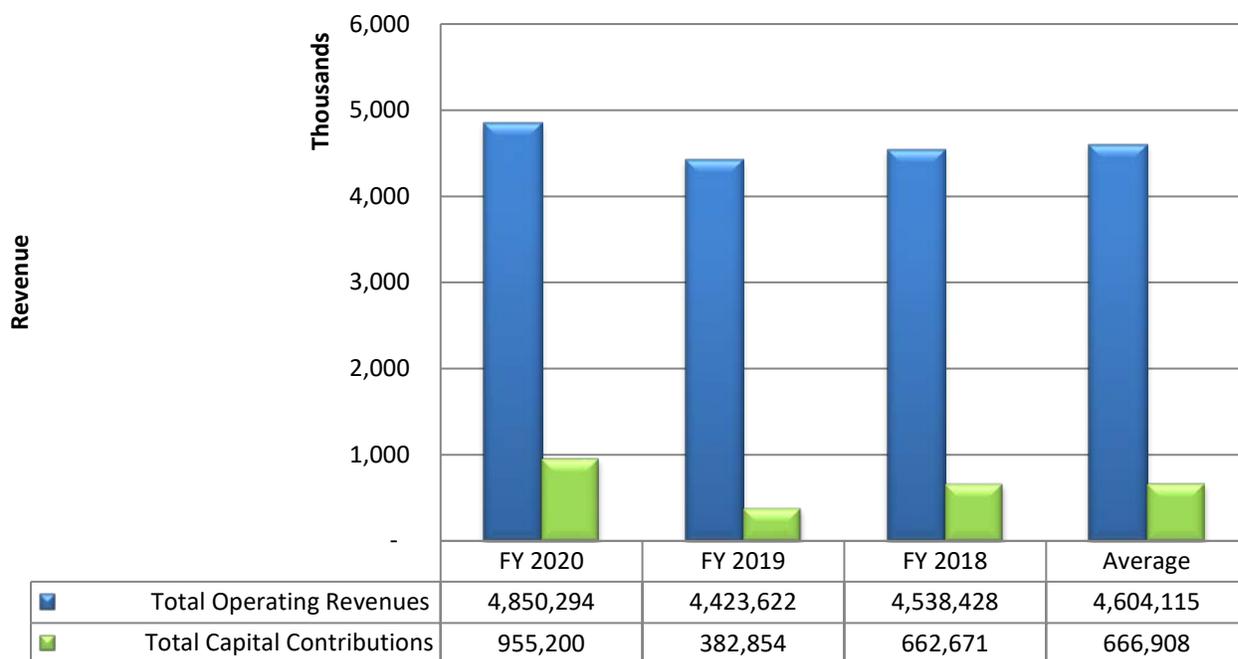
Revenues

- FY20 operating revenues total \$4.8 million through the end of July with approximately \$3.9 million in Wastewater Treatment Charge revenue and \$971,137 collected from Fairfax County. Wastewater Treatment Charge revenue is approximately \$379,000 (10.8%) more compared to the same time-period in FY19 and \$225,000 (6.2%) above the Fiscal 2020 YTD budget.
- Our revenue performance is primarily driven by billed flows that may be impacted by seasonality and by the Virginia American Water meter reading process – which can vary month-to-month.
- The Fairfax County operating expense charge and IR&R contribution YTD are on budget respectively. Fairfax County capital outlay contributions are also in-line with capital expenditures.

Revenue and Capital Contributions



Operating Revenue vs. Capital Contributions



Expenses

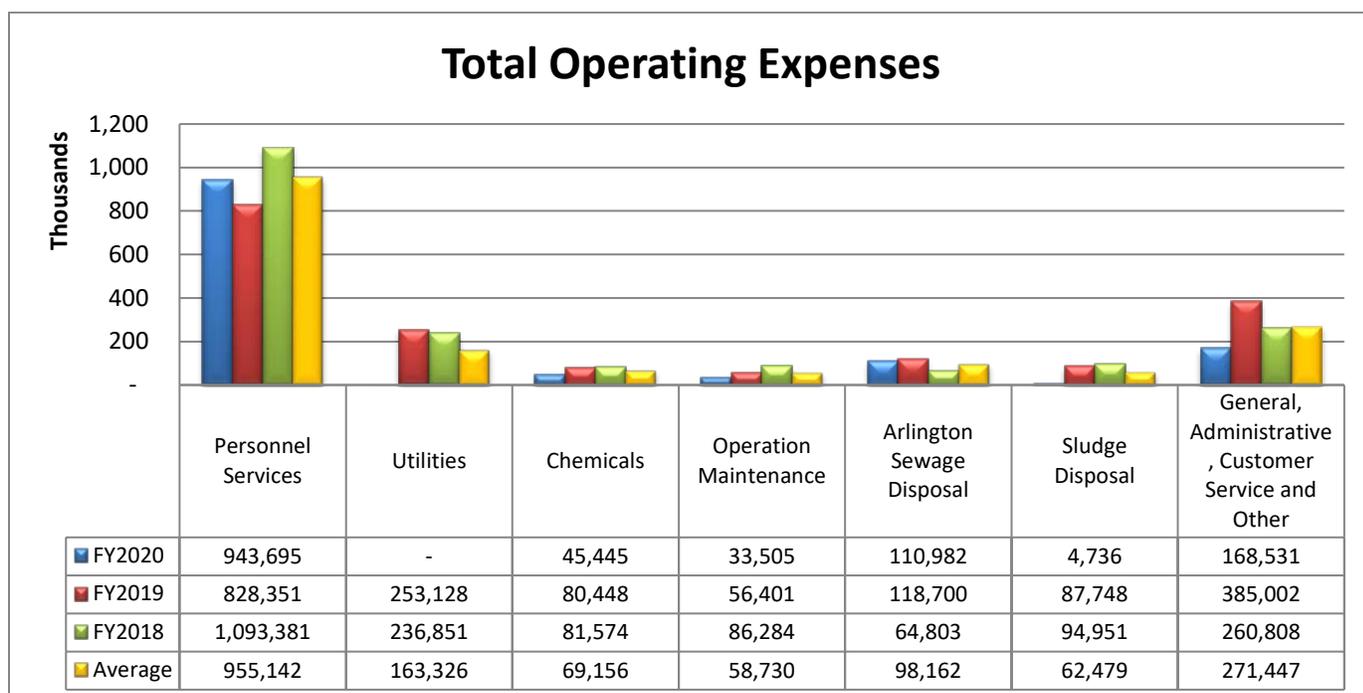
FY20 operating and maintenance expenses are approximately 30% or \$0.7 million under our year-to-date budget, representing a spend rate of 5.8%. An overall decrease in General and Administrative costs, Sludge Disposal costs and Chemicals accounts primarily for this variance.

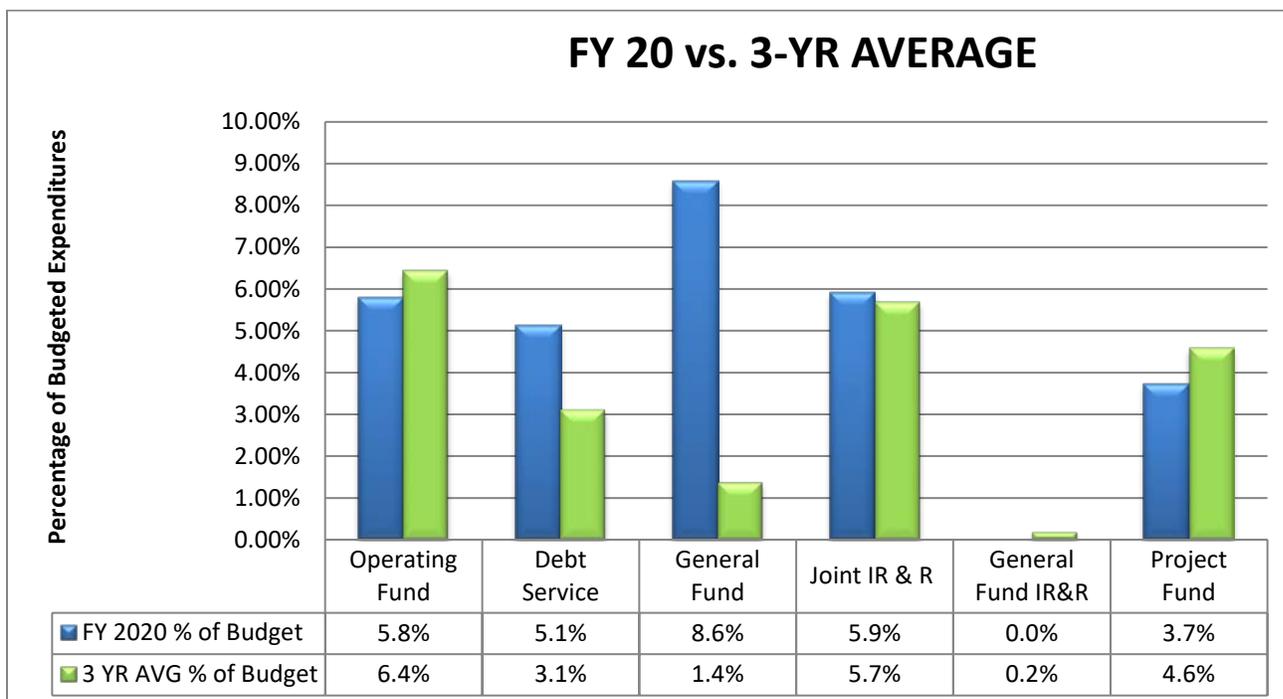
Capital outlay expenses are \$1.6 million year-to-date, representing a spend rate of 3.7%.

At one (1) month into our fiscal year, our overall spend rate is 4.8% of our total budget.

EXPENSES BY FUND

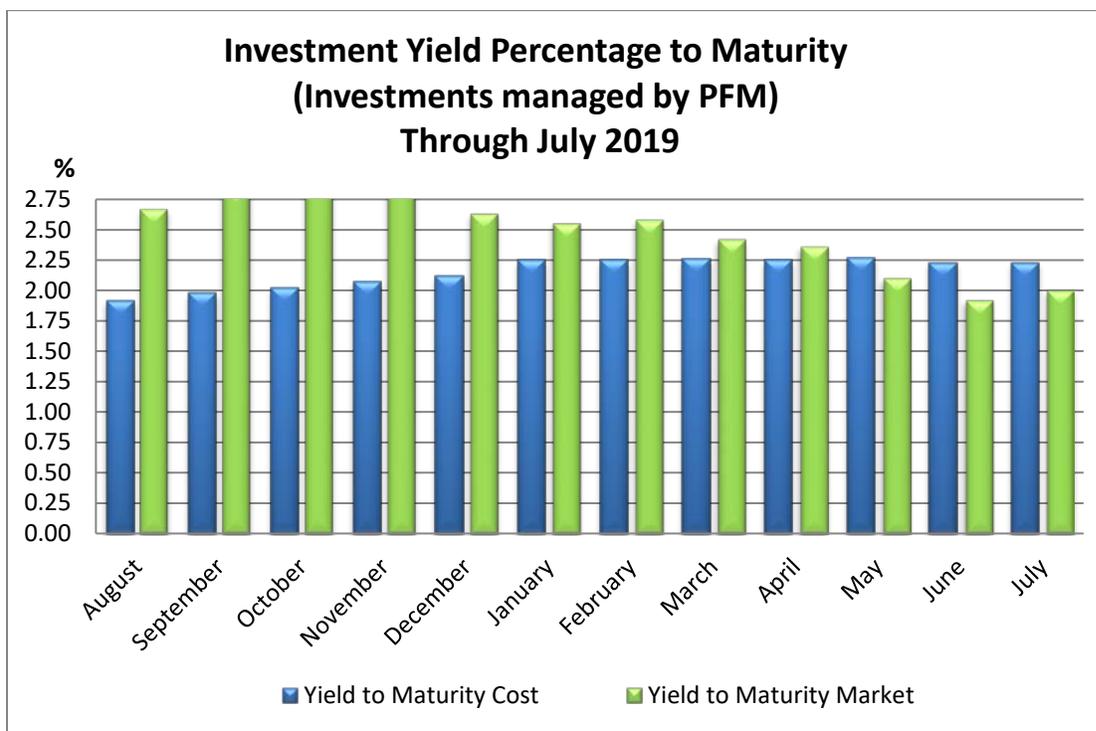
ACTUAL VS. BUDGET Through July, 2019					SPEND RATE		
(Millions of Dollars)	FY 2020	FYTD 2020	3 YR AVG	FYTD 2020	FY 2020	3 YR AVG	Variance FY20
Expenses (By Fund)	BUDGET	ACTUAL	ACTUAL	BUDGET	% of Budget	% of Budget	to 3 YR AVG
Operating Fund	\$ 28.45	\$ 1.65	\$ 1.79	\$ 2.37	5.8%	6.4%	-0.6%
Debt Service	14.22	0.73	0.46	1.19	5.1%	3.1%	2.0%
General Fund	1.76	0.15	0.06	0.15	8.6%	1.4%	7.2%
Joint IR & R	4.32	0.26	0.26	0.36	5.9%	5.7%	0.2%
General Fund IR&R	0.07	-	0.00	0.01	0.0%	0.2%	-0.2%
Project Fund	42.44	1.58	1.40	3.54	3.7%	4.6%	-0.9%
Total	\$ 91.26	\$ 4.37	\$ 3.97	\$ 7.61	4.8%	4.8%	-0.1%





Investments

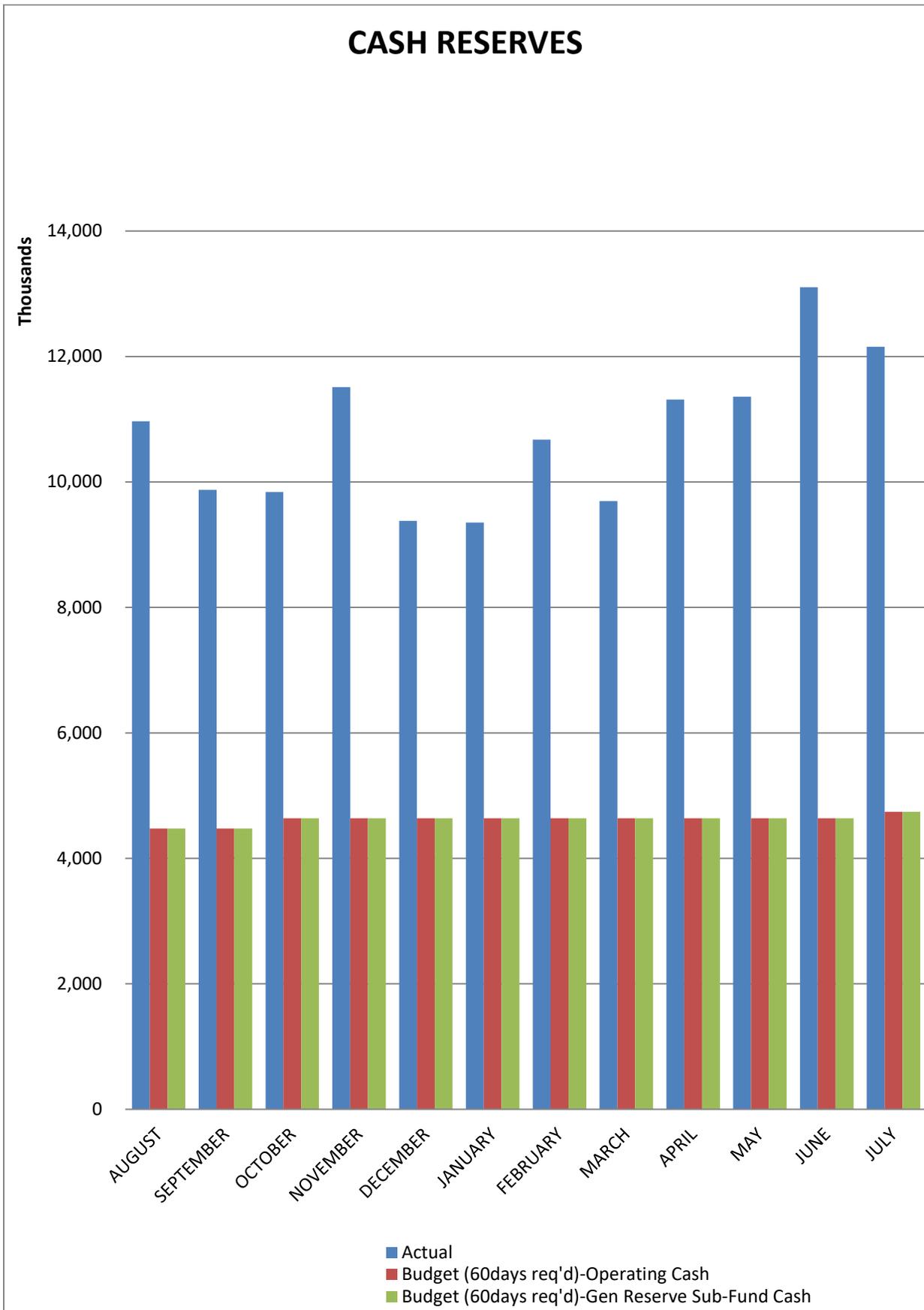
PFM Investment Advisors manages approximately \$24 million of AlexRenew’s \$31.3 million investment portfolio. The following graph demonstrates current earnings on investments of approximately 2.23%; a level significantly higher than general bank deposit earnings rates.



Cash Reserves

Our Indenture requires that we maintain a balance on deposit in our Operating Fund equal to not less than 60 days of budgeted operating expenses. AlexRenew Financial Policy requires a balance on deposit in our General Reserve sub-Fund also equal to not less than 60 days of budgeted operating expenses. In total, these combined compliance conditions require AlexRenew to maintain at least 120 days cash on hand, and for FY20 this equals a minimum of \$9,281,042. The chart and graph below demonstrate that AlexRenew currently exceeds this requirement.

Board Policy 120 Days Operating-General fund Cash Reserve	FY 2020 Actual	Percentage of Goal
As of July, 2019		
Total Operating Cash	\$ 4,595,595	
Total Certificates of Deposit (Cash Equivalent)	\$ 2,815,988	
Total Operating Cash	<u>\$ 7,411,583</u>	
Total General Reserve Sub-Fund Cash	<u>4,742,261</u>	
Total Operating and General Reserve Sub- Fund Cash	<u>12,153,845</u>	131%

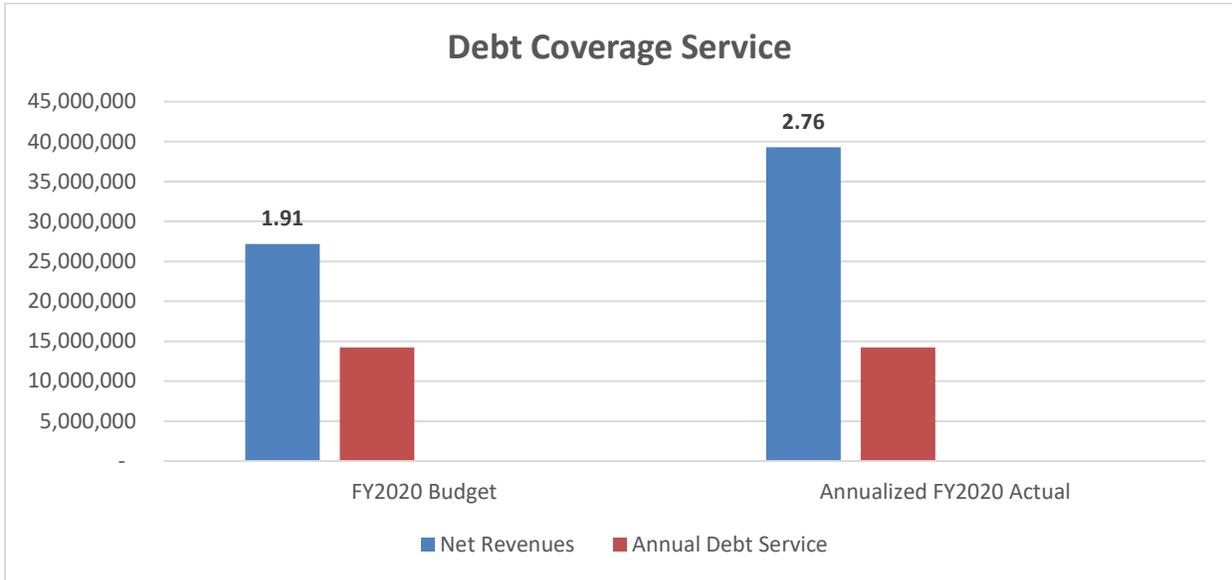


Debt Service Coverage

Our Indenture also requires AlexRenew to maintain a minimum debt service coverage such that Revenues less Operating Expenses or Net Revenues (each term as defined in the Indenture) is at least 1.10x our parity debt service due in any fiscal year. Compliance with our Board-approved financial policies requires AlexRenew to maintain a higher minimum debt service coverage of at least 1.50x applying the same criteria as defined above.

In both cases, AlexRenew currently exceeds its compliance standard as indicated in the graph below. The 2.76x designated in the graph below represents projected coverage for FY20 based on actual results to date. We also note our anticipated coverage of 1.91x based on original FY20 budget expectations. As a result, we are well ahead of our budgeted projection, as well as our minimum policy level.

Financial Policy Compliance - All-In Debt Coverage	FY 2020 Actual	FY 2020 Budget
Gross Revenues Available for Debt Service Coverage:		
Wastewater Treatment Charges - Alexandria	46,549,886	43,848,000
Fairfax County Operating Expense Charge	11,653,647	11,653,647
Reimbursement from other systems	-	-
Investment Income	929,260	115,000
Less Restricted Investment Income	-	-
Total	59,132,793	55,616,647
Operating Expenses	19,829,356	28,453,556
Net Revenues	39,303,437	27,163,091
Annual Debt Service	14,220,146	14,220,146
Calculated All-In Debt Coverage	2.76	1.91
Financial Policy Target	≥150%	≥150%



Glossary:

Revenue Fund

All revenue receipts of Alexandria Renew are deposited in the Revenue Fund.

The Operating Fund

The Operating Fund accounts for the administration and maintenance of the wastewater treatment system. By Board policy, the Operating Fund shall maintain 120 days of cash in reserve as established by Board Policy.

Parity Debt Service Fund

The Parity Debt Fund shall have deposited in it one-twelfth (1/12th) of the annual required debt payment due within the budget year. Deposits are restricted funds for use to make semiannual payments in accordance with the Alexandria Renew Trust Agreements.

Joint Improvement, Renewal & Replacement (IRR) Fund

The IR&R Fund receives deposits directly from Fairfax County (60% of IR&R budget) and from AlexRenew customer revenue (40% of IR&R budget) for asset renewal of joint use facilities. The contribution to the IRR Fund is 0.7% of the total amount of capital expenditures made subsequent to October 1, 1997, for the joint portion of the system, as set forth by the service agreement with Fairfax County.

Project Fund

The Project Fund records the cost of each joint use capital project included in the Alexandria Renew Capital Improvement Plans (CIP).

The plans for current and future capital projects, both joint and City only, is summarized in a Ten-Year CIP. City use only CIP is accounted for within the General Fund.

General Fund

The General Fund serves as reserve fund to be used for any lawful purpose of the Authority. Deposits to the General Fund are made from the Revenue Fund after all other fund expenditures and requirements have been satisfied. Alexandria Renew principally uses the General Fund to finance specific capital improvements and to provide sufficient reserves in accordance with policy.

Monthly Financial Report

Month: August 2019

Overview

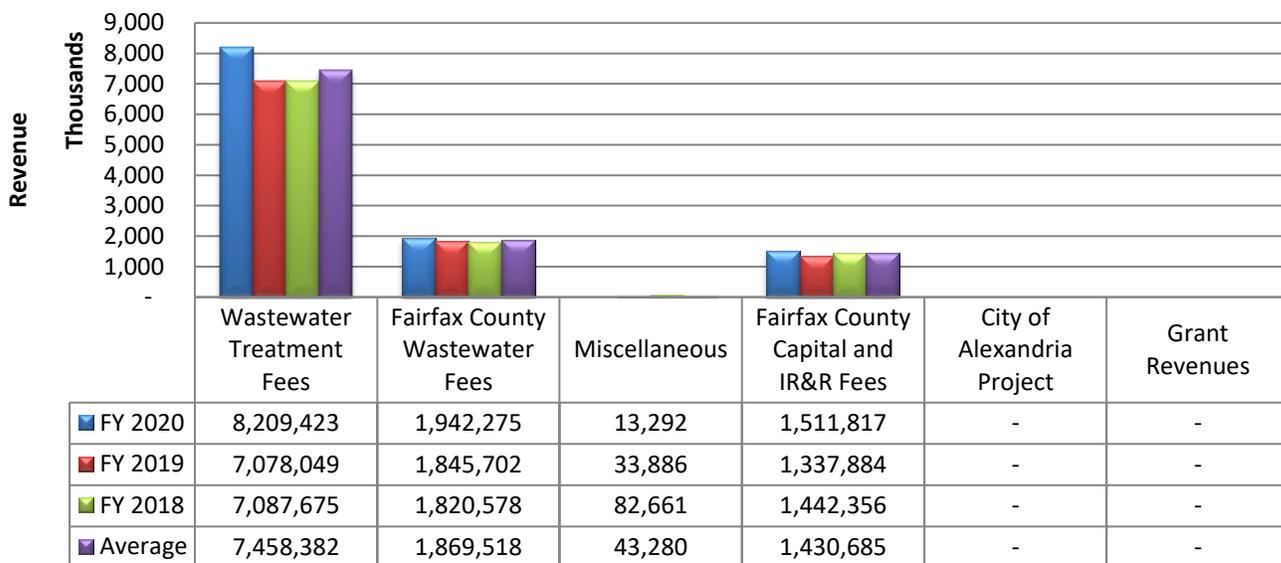
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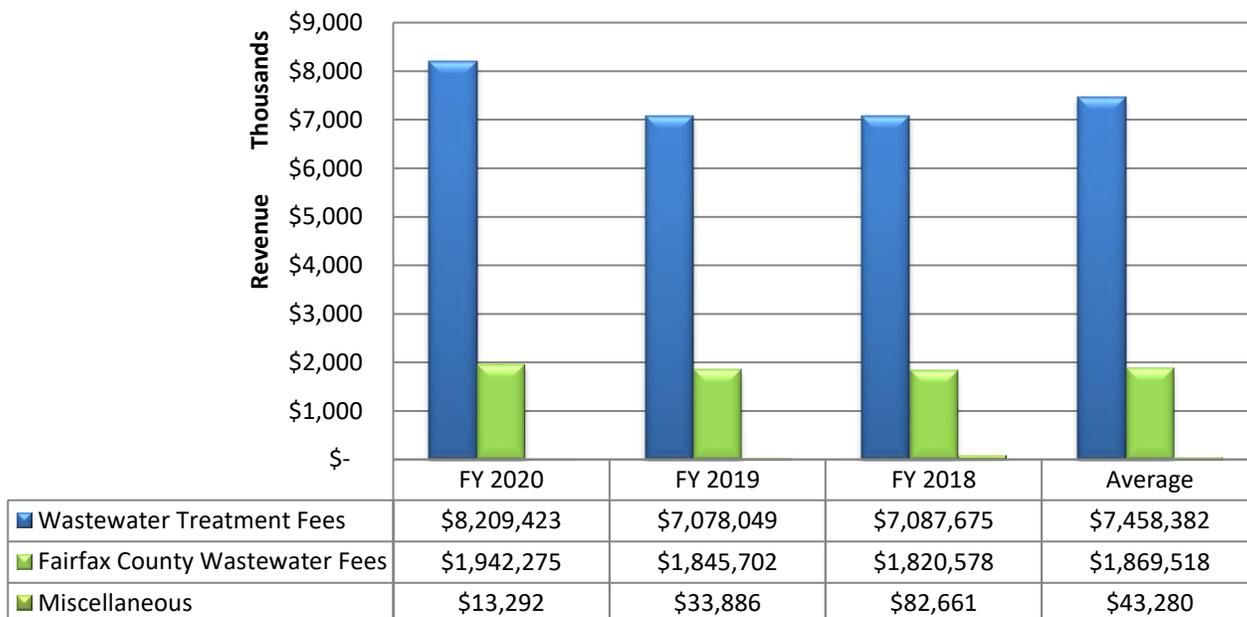
Revenues

- FY20 operating revenues total \$10.2 million through the end of August with approximately \$8.2 million in Wastewater Treatment Charge revenue and \$1,942,275 collected from Fairfax County. Wastewater Treatment Charge revenue is approximately \$1.1 million (16.0%) more compared to the same time period in FY19 and \$901,000 (12.3%) above the Fiscal 2020 YTD budget.
- Our revenue performance is primarily driven by billed flows that may be impacted by seasonality and by the Virginia American Water meter reading process – which can vary month-to-month.
- The Fairfax County operating expense charge and IR&R contribution YTD are on budget respectively. Fairfax County capital outlay contributions are also in-line with capital expenditures.

Revenue and Capital Contributions



Operating Fund Revenues 3 Year Comparison



Expenses

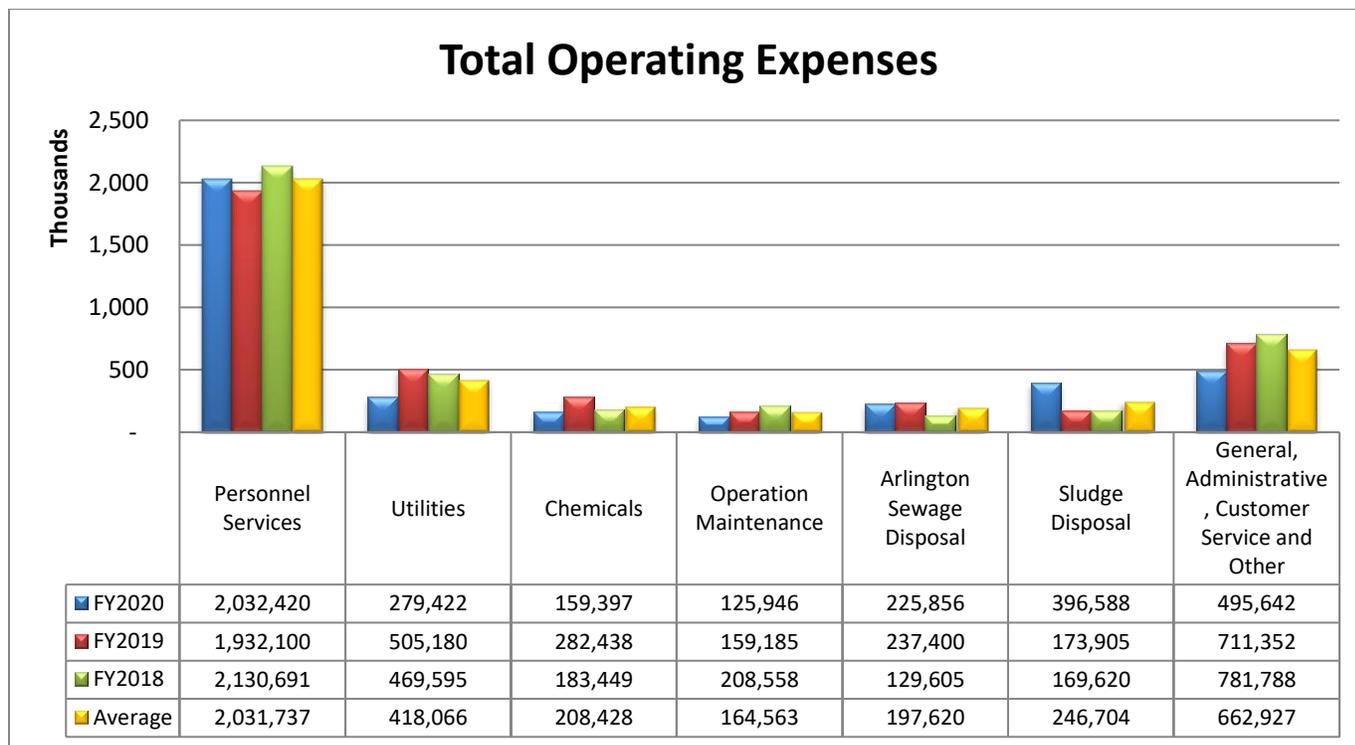
FY20 operating and maintenance expenses are approximately 28% or \$1.4 million under our year-to-date budget, representing a spend rate of 11.9%. An overall decrease in General and Administrative costs, Utilities and Chemicals accounts primarily for this variance.

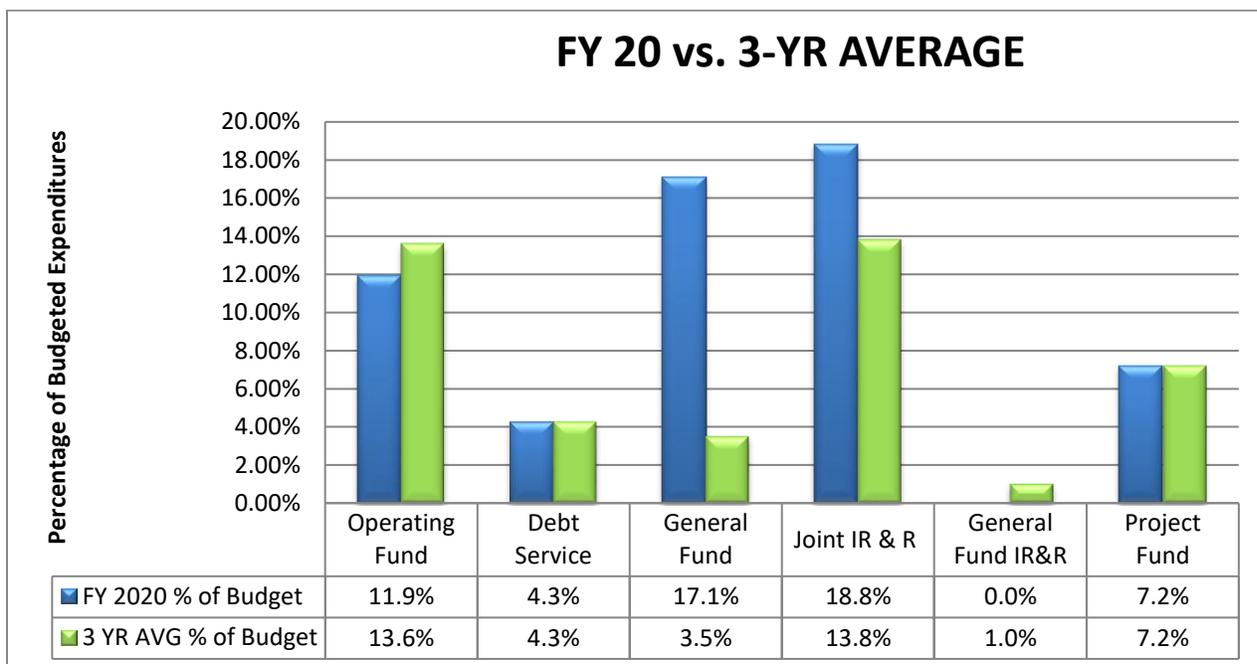
Capital outlay expenses are \$3.0 million year-to-date, representing a spend rate of 7.2%.

At two (2) months into our fiscal year, our overall spend rate is 9.0% of our total budget.

EXPENSES BY FUND

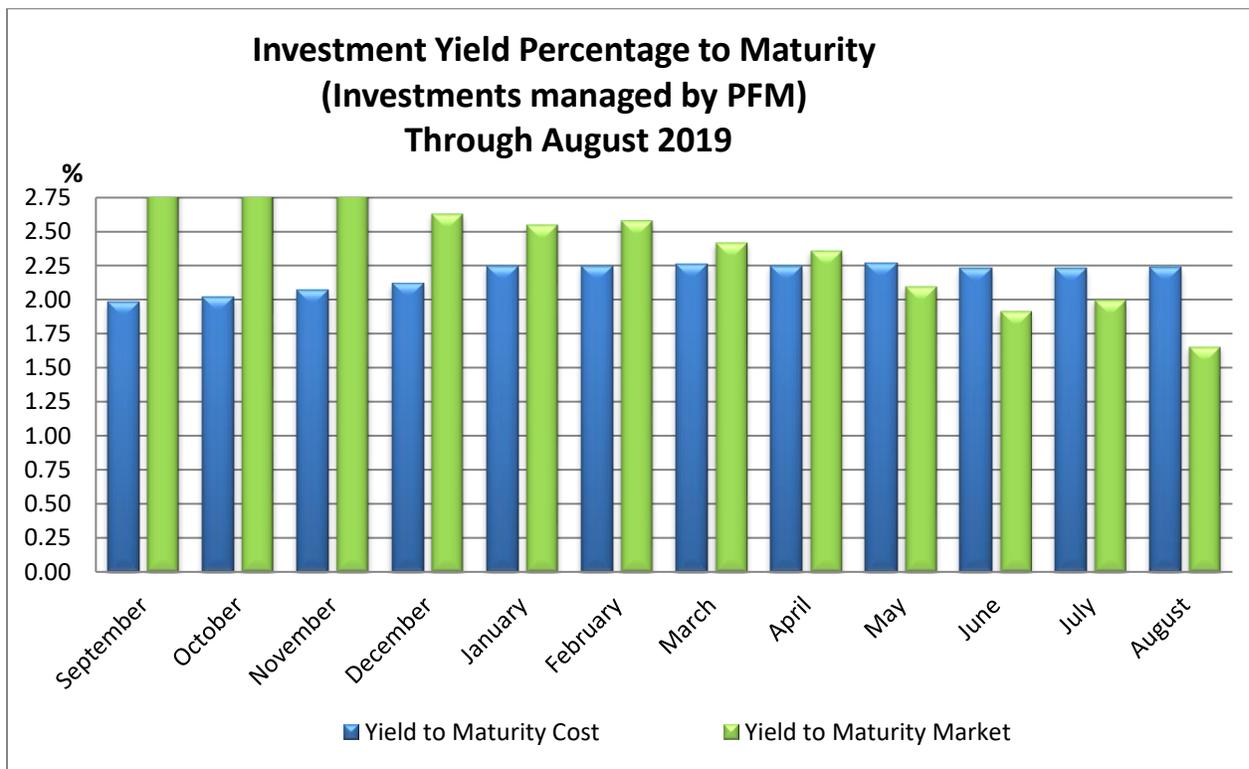
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(Millions of Dollars)	FY 2020	FYTD 2020	3 YR AVG	FYTD 2020	FY 2020	3 YR AVG	Variance FY20
Expenses (By Fund)	BUDGET	ACTUAL	ACTUAL	BUDGET	% of Budget	% of Budget	to 3 YR AVG
Operating Fund	\$ 28.45	\$ 3.39	\$ 3.79	\$ 4.74	11.9%	13.6%	-1.7%
Debt Service	14.22	0.61	0.63	2.37	4.3%	4.3%	0.0%
General Fund	1.76	0.30	0.14	0.29	17.1%	3.5%	13.6%
Joint IR & R	4.32	0.81	0.64	0.72	18.8%	13.8%	5.0%
General Fund IR&R	0.07	-	0.00	0.01	0.0%	1.0%	-1.0%
Project Fund	42.44	3.06	2.20	7.07	7.2%	7.2%	0.0%
Total	\$ 91.26	\$ 8.18	\$ 7.41	\$ 15.21	9.0%	9.0%	-0.1%





Investments

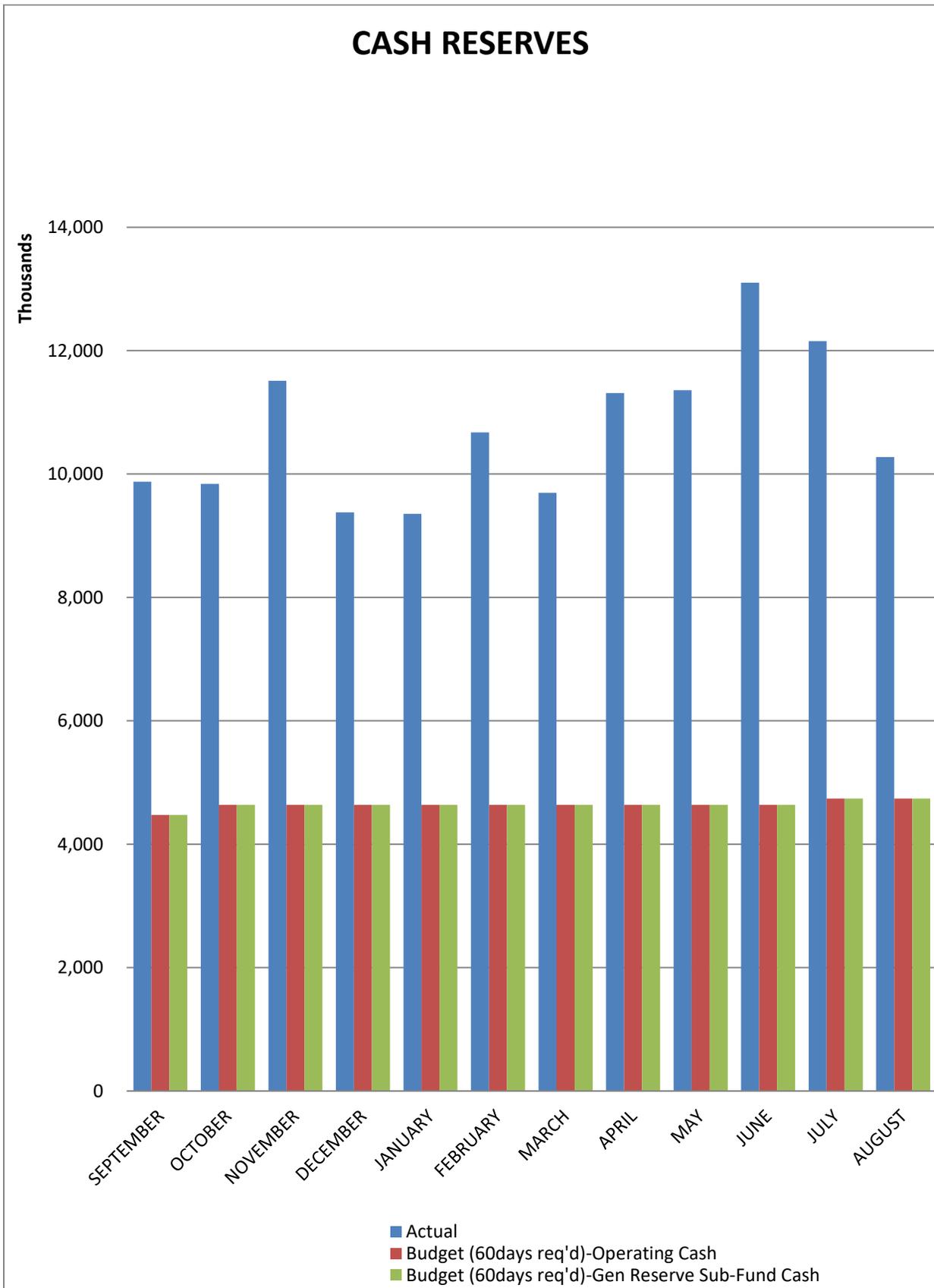
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Cash Reserves

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Board Policy 120 Days Operating-General fund Cash Reserve	FY 2020 Actual	Percentage of Goal
As of August, 2019		
Total Operating Cash	\$ 2,715,267	
Total Certificates of Deposit (Cash Equivalent)	\$ 2,815,988	
Total Operating Cash	<u>\$ 5,531,255</u>	
Total General Reserve Sub-Fund Cash	<u>4,742,261</u>	
Total Operating and General Reserve Sub- Fund Cash	<u>10,273,517</u>	111%

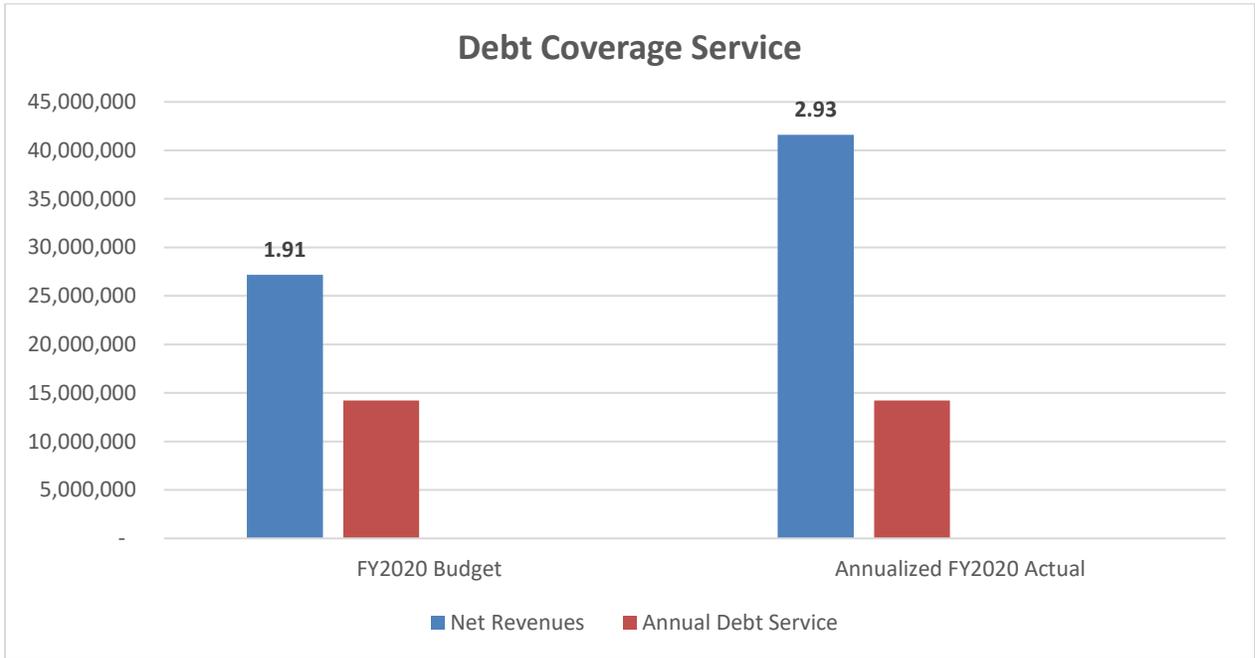


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In both cases, AlexRenew currently exceeds its compliance standard as indicated in the graph below. The 2.93x designated in the graph below represents projected coverage for FY20 based on actual results to date. We also note our anticipated coverage of 1.91x based on original FY20 budget expectations. As a result, we are well ahead of our budgeted projection, as well as our minimum policy level.

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Gross Revenues Available for Debt Service Coverage:		
Wastewater Treatment Charges - Alexandria	49,256,538	43,848,000
Fairfax County Operating Expense Charge	11,653,647	11,653,647
Reimbursement from other systems	79,752	-
Investment Income	970,750	115,000
Less Restricted Investment Income	-	-
Total	61,960,687	55,616,647
Operating Expenses	20,366,156	28,453,556
Net Revenues	41,594,531	27,163,091
Annual Debt Service	14,220,146	14,220,146
Calculated All-In Debt Coverage	2.93	1.91
Financial Policy Target	≥150%	≥150%



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The plans for current and future capital projects, both joint and City only, is summarized in a Ten-Year CIP. City use only CIP are accounted for within the General Fund.

General Fund

The General Fund serves as reserve fund to be used for any lawful purpose of the Authority. Deposits to the General Fund are made from the Revenue Fund after all other fund expenditures and requirements have been satisfied. Alexandria Renew principally uses the General Fund to finance specific capital improvements and to provide sufficient reserves in accordance with policy.

CEO Board Report - July 2019

Dear Members of the Board of Alexandria Renew Enterprises,

During July, the Chesapeake Bay Foundation (CBF) hosted their second VoiCes class for local volunteer stewards for the Bay. Thirty-five volunteers attended a series of classes in our sixth Floor Educational Area.

Operational Excellence

Precipitation for July, as recorded at the Reagan National Airport, was 6.49 inches. This is 2.76 inches above the historical average for Washington, D.C. for the month. Out of the total precipitation for the month, an unprecedented 3.44 inches of rain fell in one hour in Alexandria on July 8, making it the 6th wettest July day since records have been kept. AlexRenew experienced a Sanitary Sewer Overflow (SSO) of approximately 4.0 million gallons at the Hooffs Run Junction Chamber as a result of the storm. This was reported to DEQ in a 5-day letter on July 12, 2019. No other issues were experienced due to this extreme rain event.

Biosolids production for July 2019 was 1,842 wet tons. The biosolids were beneficially reused through land application in the Virginia counties of Essex, Fauquier, Goochland, Orange, Louisa, Frederick, Fluvanna, and Buckingham.

AlexRenew met all Virginia Pollutant Discharge Elimination System (VPDES) effluent parameters for July 2019.

Treatment	Daily Average Flow MGD	Carbonaceous Biochemical Oxygen Demand (Monthly Average) mg/L	Total Suspended Solids (Monthly Average) mg/L	Ammonia (as N) (Monthly Average) mg/L	Dissolved Oxygen (Minimum) mg/L	Total Nitrogen ¹ (Annual Average) mg/L	Total Nitrogen LOAD (YTD) lb	Total Phosphorus (Monthly Average) mg/L	Total Phosphorus LOAD (YTD) lb
Permit	54.0	5.0	6.0	Seasonal ²	6.0	3.0	493,381	0.18	29,603
Reported	37.7	<QL	2.6	<QL	7.3	2.6	189,524	0.12	9,782

NOTES

1. Total Nitrogen expressed as year-to-date average.
2. Ammonia has seasonal limits:
 - o November – January: 8.4 mg/L
 - o February – March: 6.9 mg/L
 - o **April – October: 1.0 mg/L**

Public Engagement and Trust

Tours and Events

During July, we welcomed 523 visitors to our Environmental Center. We hosted 28 events in July, including a City of Alexandria Communications Staff meeting with 40 attendees, seven meetings for The Campagna Center, A Water Environment Federation (WEF) Workforce Information Session for 40 students, and an Alexandria Department of Child and Human Services meeting for 38 staff members.

AlexRenew and RiverRenew staff hosted a booth with interactives, information, and giveaways at the annual Rosemont July 4 event. Also, on July 27, AlexRenew and RiverRenew staff sponsored a table at the Old Town Arts and Crafts Fair at Waterfront Park.

Customer Service

Customer Service received 2,496 calls in July, with 46% of callers opting for self-service. Average call answer time was 30 seconds. Call Center staff also answered 156 customer emails.

Social Media and Website

Seventy-five percent of people who engaged with us on Facebook during July were from the City of Alexandria; the majority (86%) were women. We had 1,192 active, organic engagements on Facebook as evidenced by likes, comments, and shares (the industry average is 232). We have 3,445 Facebook Fans.

Almost 1,900 Twitter, 75 LinkedIn, and 91 Instagram followers engaged with our posts during July. We have 3,500 Twitter, 1,850 LinkedIn, and 170 Instagram followers. For our website, we had 10,423 visitors during July, with 34,257 page views. We had 93 visitors click through to our website from social media.

Watershed Stewardship

Field sampling for both GMU studies - the *Ecological Study of Hunting Creek*, and the *Survey of Micropollutants in Fluvial Sediments and Water from Hunting Creek and the Freshwater Tidal Potomac River* will be completed by the end of September.

RiverRenew

The 30-day public comment period for the Environmental Assessment (EA) ended on July 19. The National Park Service is preparing the final Decision Document, anticipated for release in September.

A City Council – AlexRenew RiverRenew Project Workgroup meeting was held on July 24. The next meeting is tentatively scheduled for September 25.

The fifth RiverRenew Stakeholder Advisory Group meeting was held on July 29. The next meeting is expected to be scheduled in early October.

Adaptive Culture

From April 30, 2018, we have logged 187,400 hours without a lost time accident.

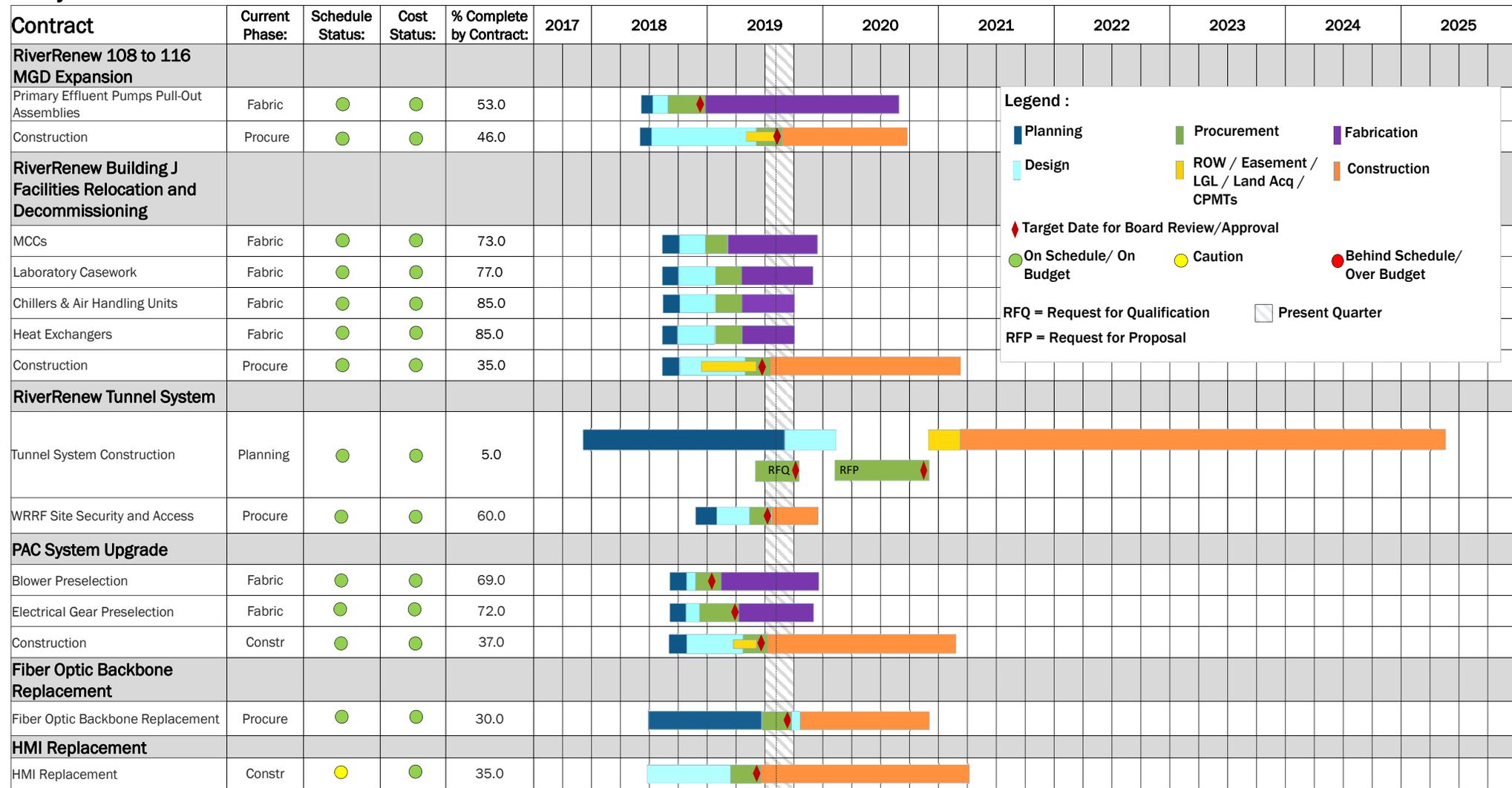
As always, thank you for your dedicated service to AlexRenew.

Regards,

Karen Pallansch
Chief Executive Officer

AlexRenew Capital Projects Executive Dashboard // Month Ending: July 31, 2019

Projects Schedule



Legend :

- Planning
- Design
- Procurement
- ROW / Easement / LGL / Land Acq / CPMTs
- Fabrication
- Construction
- Target Date for Board Review/Approval
- On Schedule/ On Budget
- Caution
- Behind Schedule/ Over Budget
- RFQ = Request for Qualification
- RFP = Request for Proposal
- Present Quarter

July 31, 2019

AlexRenew Capital Projects Executive Dashboard // Month Ending: July 31, 2019

Projects Schedule

Contract	Current Phase:	Schedule Status:	Cost Status:	% Complete by Contract:	2017	2018	2019	2020	2021	2022	2023	2024	2025										
PLC Upgrades																							
Construction - Phase 1	Constr	●	●	96.0																			
Construction - Phase 2	Procure	●	●	4.0																			

July 31, 2019

Legend :

- Planning
- Design
- Procurement
- ROW / Easement / LGL / Land Acq / CPMTs
- Fabrication
- Construction
- ◆ Target Date for Board Review/Approval
- On Schedule/ On Budget
- Caution
- Behind Schedule/ Over Budget
- RFQ = Request for Qualification
- RFP = Request for Proposal
- ▨ Present Quarter

AlexRenew Capital Projects Executive Dashboard // Month Ending: July 31, 2019

Contract Award Status

Contract	Contract No.:	Date of Contract Award:	Vendor:	Contract Amount:	Notice to Proceed:	Construction / Services Start Date:	Construction / Services Finish Date:
RiverRenew 108 to 116 MGD Expansion							
Primary Effluent Pumps Pull-Out Assemblies	19-001	12/19/2018	Flowserve	\$941,911	12/20/2018	12/21/2018	9/23/2020
Construction	19-072	7/26/2019	ACE	\$2,665,000	7/29/2019	7/29/2019	11/30/2020
Wastewater Services Resident Engineering & Inspection ¹	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$522,120	N/A	7/2/2019	6/30/2024
Engineering Services During Construction (ESDC)	14-017-2	7/11/2019	CH2M Hill Engineers, Inc	\$280,320	7/12/2019	7/12/2019	11/30/2020
RiverRenew Building J Facilities Relocation and Decommissioning							
MCCs	19-016	2/26/2019	Rexel	\$280,453	2/27/2019	2/27/2019	10/30/2020
Lab Casework	19-017	4/4/2019	Nycom	\$432,307	4/8/2019	4/8/2019	10/30/2020
Chillers and Air Handling Units	19-018	4/1/2019	Johnson Controls	\$435,522	4/3/2019	4/3/2019	10/30/2020
Heat Exchangers	19-019	4/1/2019	United Energy Products	\$51,757	4/8/2019	4/8/2019	10/30/2020
Construction	19-064	6/11/2019	Clark	\$19,409,800	7/9/2019	7/9/2019	3/30/2021
Engineering Services During Construction (ESDC) ²	18-006	6/11/2019	CH2M Hill Engineers, Inc	\$885,963	N/A	7/1/2019	3/30/2021
Wastewater Services Resident Engineering & Inspection ¹	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$994,924	N/A	7/2/2019	6/30/2024
RiverRenew Tunnel System							
RiverRenew Owner's Advisor (OA) Scope of Services and Budget for Amendment No. 3	17-022	6/18/2019	Brown & Caldwell	\$16,968,912	N/A	7/1/2019	6/30/2020
Construction Management Information Systems (CMIS)	19-060	5/2/2019	e-Builder	\$751,600	5/7/2019	5/7/2019	5/2/2029
Wastewater Services Resident Engineering and Inspection ¹ (Programmatic)	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$346,024	N/A	7/2/2019	6/30/2024
Wastewater Services Resident Engineering & Inspection ¹ (WRRF Site Security and Access)	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$261,060	N/A	7/2/2019	6/30/2024
WRRF Site Security and Access	19-077	7/25/2019	Sorensen Gross Company	\$1,527,000	7/29/2019	7/29/2019	2/1/2020
PAC System Upgrade							
Blower Preselection	19-006	1/23/2019	Sulzer	\$1,031,100	2/13/2019	2/13/2019	4/30/2020
Electrical Gear Preselection	19-026	3/25/2019	McCory	\$1,034,925	4/1/2019	4/1/2019	8/10/2020
Construction	19-041	6/17/2019	ACE	\$14,430,000	7/15/20219	7/15/2019	2/11/2021
Engineering Services During Construction (ESDC) ²	14-017-2	6/11/2019	HDR	\$694,138	N/A	7/1/2019	2/11/2021
Wastewater Services Resident Engineering & Inspection ¹	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$783,181	N/A	7/2/2019	6/30/2024

¹Wastewater Services Resident Engineering & Inspection (RE&I) Contract supports multiple projects. Amounts reported are specific to each project thru FY2020. Total Contract Award was for \$2,907,309

²Engineering Services During Construction (ESDC) amounts reported are through FY2020.

AlexRenew Capital Projects Executive Dashboard // Month Ending: July 31, 2019

Contract Award Status

Contract	Contract No.:	Date of Contract Award:	Vendor:	Contract Amount:	Notice to Proceed:	Construction / Services Start Date:	Construction / Services Finish Date:
Fiber Optic Backbone Replacement							
Fiber Optic Backbone Replacement							
HMI Replacement							
HMI Replacement	17-005	4/18/2018	E-Merge	\$3,000,000	5/17/2018	8/1/2018	5/31/2021
PLC Upgrades							
SCADA Engineering and Maintenance Services	10-08	9/28/2017	M.C. Dean	\$529,750	3/20/2018	3/25/2019	8/31/2019

¹Wastewater Services Resident Engineering & Inspection (RE&I) Contract supports multiple projects. Amounts reported are specific to each project thru FY2020. Total Contract Award was for \$2,907,309
²Engineering Services During Construction (ESDC) amounts reported are through FY2020.

AlexRenew Capital Projects Executive Dashboard // Month Ending: July 31, 2019

Capital Construction Project Teams

Role	RiverRenew 108 to 116 MGD Expansion	RiverRenew Building J Facilities Relocation and Decommissioning	RiverRenew WRRF Site Security and Access	RiverRenew Tunnel System	Process Air Compressor System (PAC) Upgrade	HMI Upgrade	PLC Upgrades	Fiber Optic Backbone Replacement
AlexRenew Project Manager (PM)	Felicia Glapion	Felicia Glapion	Caitlin Feehan	Caitlin Feehan	Felicia Glapion	Jeff Lindsay	Jeff Lindsay	Jeff Lindsay
AlexRenew Assistant PM	Jimena Larson	Dorian Hemming (contractor)	Jimena Larson	N/A	N/A	N/A	N/A	N/A
AlexRenew Construction Coordinator	Steve Hill	Steve Hill	Steve Hill	TBD	Steve Hill	Steve Hill	Steve Hill	Steve Hill
AlexRenew Operations Liaison	Anthony Patrick	Andy Ayala	Marcus Andrew	Monica Ahir	Jessica Jones	Chuck Phillips	Tony Gallahan	Syed Latifi
AlexRenew Maintenance Liaison	TBD	TBD	TBD	TBD	TBD	Raja Arslan	Wilbert Peay	Steve Lee
General Contractor (GC)	ACE	Clark	Sorensen Gross Company	TBD	ACE	Emerge	TBD	TBD
GC Project Manager	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Engineer of Record (EoR)	Jacobs	Jacobs	Brown & Caldwell	Brown & Caldwell	HDR	N/A	TBD	N/A
EoR PM	Anabela Fonseca	Anabela Fonseca	Kevin Pilong	Justin Carl	David Sisson	Andrew Jackson	TBD	N/A
Owners Advisor (OA)	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	N/A	N/A	N/A
OA Construction Oversight Lead	Mike Perkins	Dorian Hemming	Mike Perkins	Jim Ohnigian	Dorian Hemming	N/A	N/A	N/A
Resident Engineering & Inspection (RE&I) Firm	Hazen & Sawyer	Hazen & Sawyer	Hazen & Sawyer	TBD	Hazen & Sawyer	N/A	N/A	N/A
RE&I PM	Ben Alter	Sam Flores	Sam Flores	TBD	Ben Alter	N/A	N/A	N/A

Summary of Activities

Date:	Accomplished Milestones:
7/11/2019	RiverRenew Building J Facilities Pre-Construction Meeting
7/23/2019	PAC System Upgrades Special Instructions Meeting with City of Alexandria Building Code Officials
7/24/2019	PAC System Upgrades Pre-Construction Meeting
7/24/2019	RiverRenew City Council Workgroup Meeting
7/29/2019	RiverRenew Stakeholder Advisory Group Meeting No. 5
8/1/2019	RiverRenew WRRF Site Security and Access Pre-Construction Meeting
8/7/2019	PLC Project Meeting with M.C. Dean
8/8/2019	RiverRenew 108 to 116 MGD Expansion Pre-Construction Meeting

Date:	Upcoming Activities:
8/15/2019	Purchasing and Engineering Coordination Meeting
8/20/2019	RFP 20-001 BOA's Pre-Proposal Meeting
8/22/2019	RiverRenew Tunnel System Project SOQ Evaluation Overview
9/3/2019	RiverRenew Tunnel Dewatering Pumping Station DSUP Planning Commission Hearing
9/14/2019	RiverRenew Tunnel Dewatering Pumping Station DSUP City Council Hearing
9/24/2019	RiverRenew Tunnel System Project SOQ Evaluation Meeting No. 1 – Team Organization and Commitment
9/25/2019	RiverRenew City Council Workgroup Meeting
9/26/2019	RiverRenew Tunnel System Project SOQ Evaluation Meeting No. 2 – Risk and Safety

CEO Board Report August 2019

Dear Members of the Board of Alexandria Renew Enterprises,

On Friday, August 9, the RiverRenew team hosted an in-depth Clean Rivers Project and Alexandria Outfalls tour for Board members and public officials. Thanks to those of you who attended.

I also spoke on a regulatory panel, representing the wastewater sector, at the annual Water Finance and Management Conference in Washington, D.C.

Operational Excellence

Precipitation for August was 1.99 inches, as recorded at the Reagan National Airport. This is less than the historical average of 2.93 inches for Washington, D.C.

Biosolids production for August 2019 was 1,826 wet tons, all of which were beneficially reused through land application in the Virginia counties of Essex, Fauquier, Orange, Fluvanna, and Buckingham.

AlexRenew met all Virginia Pollutant Discharge Elimination System (VPDES) effluent parameters for August 2019.

Treatment	Daily Average Flow MGD	Carbonaceous Biochemical Oxygen Demand (Monthly Average) mg/L	Total Suspended Solids (Monthly Average) mg/L	Ammonia (as N) (Monthly Average) mg/L	Dissolved Oxygen (Minimum) mg/L	Total Nitrogen ¹ (Annual Average) mg/L	Total Nitrogen LOAD (YTD) lb	Total Phosphorus (Monthly Average) mg/L	Total Phosphorus LOAD (YTD) lb
Permit	54.0	5.0	6.0	Seasonal ²	6.0	3.0	493,381	0.18	29,603
Reported	33.0	<QL	2.4	<QL	7.4	2.7	212,333	0.07	10,349

NOTES

1. Total Nitrogen expressed as year-to-date average.
2. Ammonia has seasonal limits:
 - o November – January: 8.4 mg/L
 - o February – March: 6.9 mg/L
 - o **April – October: 1.0 mg/L**

Public Engagement and Trust

Tours and Events

During August, we welcomed 480 visitors to our Environmental Center. We hosted 21 events, including three Alexandria City Public Schools (ACPS) workshops for 50 attendees each, a City of Alexandria Center for Children and Families Champions meeting for 14, a self defense class with nine attendees, a Volunteer Alexandria summer student tour and Urban Wildlife Habitat clean-up with 17 students, and a four-day workshop for Alectrona (a local Apple consultancy) for 16 people.

We also hosted an immersion week for Sto Len, the selected artist for the City of Alexandria Office of the Arts Public Artist in Residence partnership with AlexRenew. Sto grew up in Alexandria, resides in Brooklyn, and is known for his works of art that focus on water. Sto visited AlexRenew to gain a deeper understanding of our process and the RiverRenew program, and our clean water outcomes.

Customer Service

Customer Service received 2,098 calls in August, with 48% of callers opting for self-service. Average call answer time was 25 seconds. Call Center staff also answered 156 customer emails.

Social Media and Website

Seventy-five percent of people who engaged with us on Facebook during August were from the City of Alexandria; the majority (71%) were women. We had a record 7,025 active, organic engagements on Facebook as evidenced by likes, comments, and shares (the industry average is 232). We have 3,450 Facebook Fans.

Almost 1,800 Twitter, 82 LinkedIn, and 70 Instagram followers engaged with our posts during August. We have 3,500 Twitter, 1,950 LinkedIn, and 180 Instagram followers. For our website, we had 10,159 visitors during August, with 32,907 page views. We had 95 visitors click through to our website from social media.

Watershed Stewardship

I attended the Virginia Risk Sharing Association (formerly the Virginia Municipal League Insurance Pool) board meeting in August. Our director of enterprise communications spoke on a workforce panel at the Water Environment Federation (WEF) Transformative Issues Symposium in Washington, D.C.

The Virginia Governor's Office released the final restoration plan for Virginia's portion of the Chesapeake Bay and its tidal rivers in late August. This "Phase III Watershed Implementation Plan" (WIP) will guide local and state Bay clean up actions through 2025.

RiverRenew

On August 20, eight Design-Build Teams submitted Statements of Qualifications (SOQ) in response to the Tunnel System Request for Qualifications (RFQ).

Adaptive Culture

From April 30, 2018, we have logged 200,887 hours without a lost time accident.

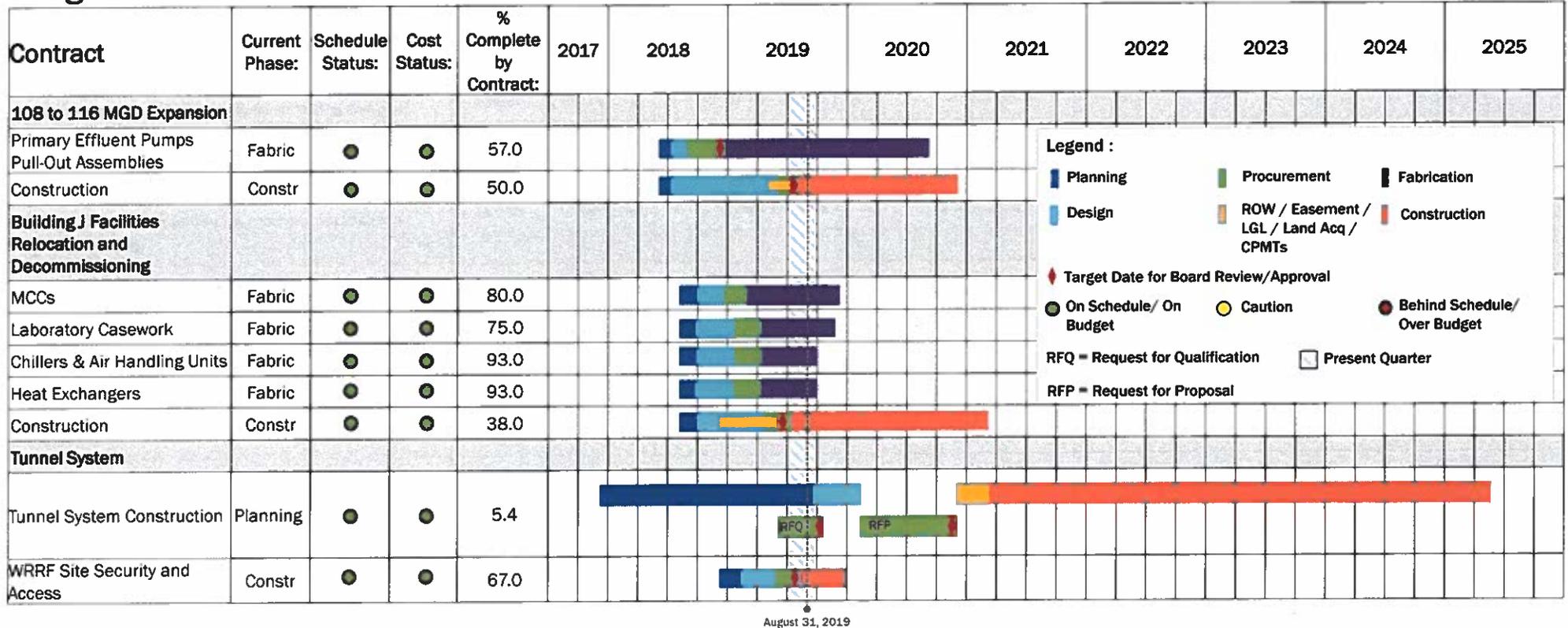
As always, thank you for your dedicated service to AlexRenew.

Regards,

Karen Pallansch
Chief Executive Officer



Program Schedule



RiverRenew Executive Dashboard // Month Ending: August 31, 2019



Contract Award Status

Contract	Contract No.:	Date of Contract Award:	Vendor:	Contract Amount:	Notice to Proceed:	Construction / Services Start Date:	Construction / Services Finish Date:
108 to 116 MGD Expansion							
Primary Effluent Pumps Pull-Out Assemblies	19-001	12/19/2018	Flowserve	\$941,911	12/20/2018	12/21/2018	9/23/2020
Construction	19-072	7/26/2019	ACE	\$2,665,000	7/29/2019	7/29/2019	11/30/2020
Wastewater Services Resident Engineering & Inspection ¹	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$522,120	N/A	7/2/2019	6/30/2024
Engineering Services During Construction (ESDC)	14-017-2	7/11/2019	CH2M Hill Engineers, Inc	\$280,320	N/A	7/12/2019	11/30/2020
Building J Facilities Relocation and Decommissioning							
MCCs	19-016	2/26/2019	Rexel	\$280,453	2/27/2019	2/27/2019	10/30/2020
Lab Casework	19-017	4/4/2019	Nycom	\$432,307	4/8/2019	4/8/2019	10/30/2020
Chillers and Air Handling Units	19-018	4/1/2019	Johnson Controls	\$435,522	4/3/2019	4/3/2019	10/30/2020
Heat Exchangers	19-019	4/1/2019	United Energy Products	\$51,757	4/8/2019	4/8/2019	10/30/2020
Construction	19-064	6/11/2019	Clark	\$19,409,800	7/9/2019	7/9/2019	3/30/2021
Engineering Services During Construction (ESDC) ²	18-006	6/11/2019	CH2M Hill Engineers, Inc	\$885,963	N/A	7/1/2019	3/30/2021
Wastewater Services Resident Engineering & Inspection ¹	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$994,924	N/A	7/2/2019	6/30/2024
Tunnel System							
RiverRenew Owner's Advisor (OA) Scope of Services and Budget for Amendment No. 3	17-022	6/18/2019	Brown & Caldwell	\$16,968,912	N/A	7/1/2019	6/30/2020
Construction Management Information Systems (CMIS)	19-060	5/2/2019	e-Builder	\$751,600	5/7/2019	5/7/2019	5/2/2029
Wastewater Services Resident Engineering and Inspection ¹ (Programmatic)	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$346,024	N/A	7/2/2019	6/30/2024
Wastewater Services Resident Engineering & Inspection ¹ (WRRF Site Security and Access)	19-031	6/11/2019	Hazen and Sawyer, P.C.	\$261,060	N/A	7/2/2019	6/30/2024
WRRF Site Security and Access	19-077	7/25/2019	Sorensen Gross Company	\$1,527,000	7/29/2019	7/29/2019	2/1/2020

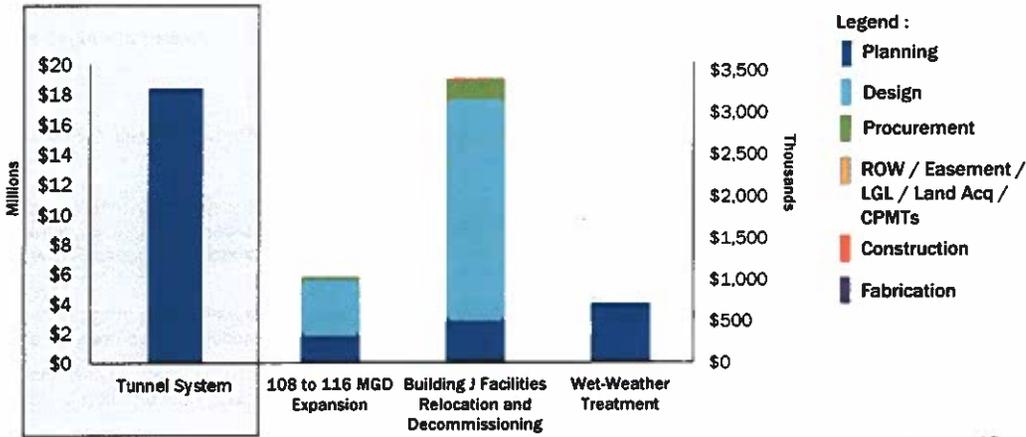
¹Wastewater Services Resident Engineering & Inspection (RE&I) Contract supports multiple projects. Amounts reported are specific to each project thru FY2020. Total Contract Award was for \$ 2,907,309

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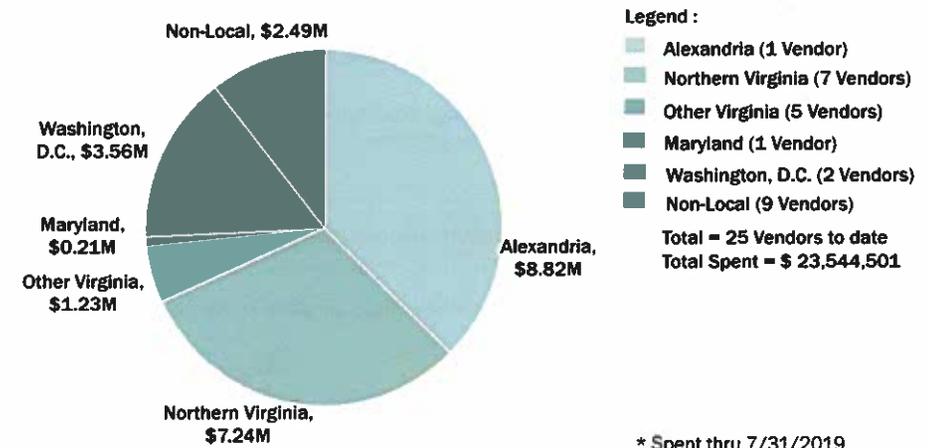
RiverRenew Executive Dashboard // Month Ending: August 31, 2019



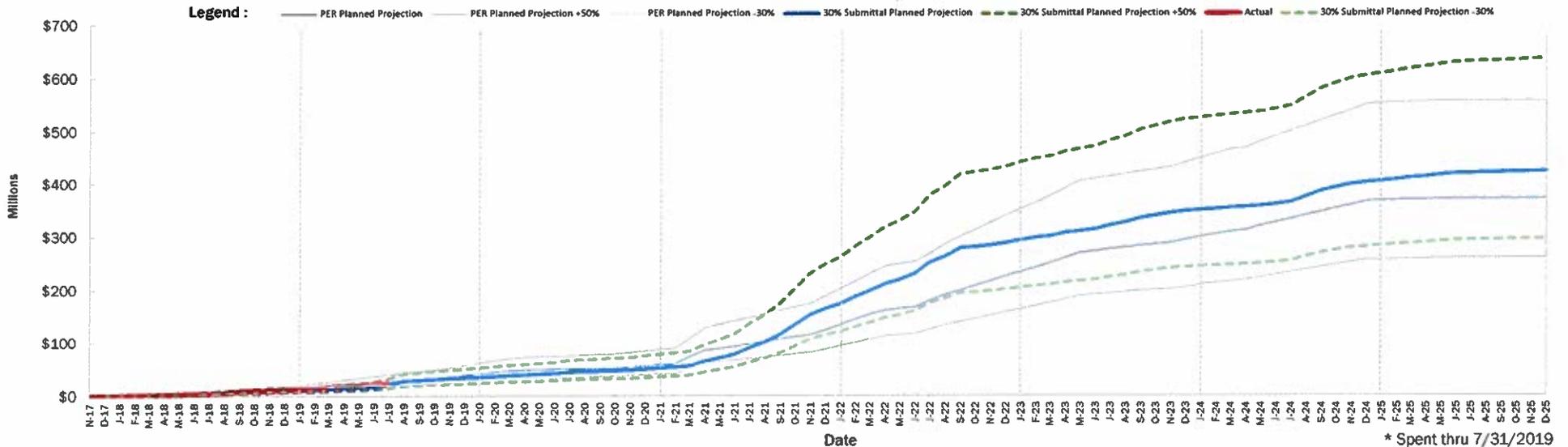
Project to Date Cost by Phase*



RiverRenew Spent to Date by Locality*



RiverRenew Cashflow*





Summary of Activities

Date:	Accomplished Milestones:	Date:	Upcoming Activities:
8/22/2019	Tunnel System SOQ Evaluation	8/20/2019 - 10/15/2019	RiverRenew Tunnel System Project SOQ Evaluation
9/3/2019	Tunnel Dewatering Pumping Station DSUP Planning Commission Hearing		
9/14/2019	Tunnel Dewatering Pumping Station DSUP City Council Hearing		

Tunnel System Contract Permit Status and Descriptions

Permit/Activity:	Anticipated Date of Completion:	Status:	Description:
National Park Service (NPS) Special Use Permits (SUP)	Completed	● Received modified SUPs for Jones Point Park on 7/23/2019 and for Potomac River on 7/25/2019	Required for Phase B geotechnical investigations within Jones Point Park and Potomac River
U.S. Army Corps of Engineers (USACE) Nationwide Permit (NWP) #6	Completed	● Received modified NWP #6 on 7/25/2019	Required for Phase B geotechnical investigations within Potomac River and/or wetlands
Virginia Department of Transportation (VDOT) Land Use Permits (LUP)	9/30/2019	● Received LUP for soil boring. Submitted LUP application for tunnel crossing on 8/30/19	Required for deep tunnel crossing under, and geotechnical investigations within VDOT limited access right-of-way
City of Alexandria Development Special Use Permit (DSUP) Tunnel System (DSUP No. 2018-0020)	Completed	● Received unanimous City Council approval on 7/9/2019	Required for the approval of RiverRenew's tunnel system and diversion facilities
City of Alexandria Development Special Use Permit (DSUP) Tunnel Dewatering Pumping Station (DSUP No. 2019-0013)	9/14/2019	● Received City's verification of completeness letter on 7/24/2019. Coordinating with City regarding Staff Report and Planning Commission presentation	Required for the approval of the new Tunnel Dewatering Pumping Station and associated superstructure
Environmental Assessment (EA)	8/31/2019	● EA was issued on 6/19/2019. Public Comment period ended 7/19/2019. Draft FONSI sent to NPS for review on 8/2/2019. Draft Programmatic Agreement sent to NPS for review on 8/23/2019	Required to comply with the National Environmental Policy Act (NEPA) as RiverRenew will need NPS permits. Prepared in coordination with the NPS as the lead federal agency
Joint Permit Application	12/15/2019	● Drafting permit application	Required application for Clean Water Act permits. A single application is sent to USACE, Virginia Department of Environmental Quality (VDEQ) and Virginia Marine Resources Commission (VMRC) to request authorization for all RiverRenew wetland/stream impacts
NPS Construction/Right-of-Way Permits	2/1/2020	● Drafting permit application	Required for diversion facility construction within, and deep tunnel crossing under Jones Point Park. Also required for Outfall 001 extension and deep tunnel crossing under Potomac River bed
Flood Emergency Management Agency (FEMA) Letter of Map Revision (LOMR)	N/A	● City determined the Tunnel System project has no significant impact on floodplain	No LOMR required from FEMA
U.S. Army Corps of Engineers (USACE) Nation Wide Permit (NWP) #18	Completed	● NWP #18 received 6/10/2019	Required for wetland impacts associated with contractor trailers, staging, and laydown areas on the WRRF campus.

RiverRenew Accomplishments

Third Party Coordination	Planning & Design	Community Engagement	Construction
 <p>13 Permits Approved</p>	 <p>Long Term Control Plan Update Approved June 2018</p>	 <p>23 Events Hosted</p>	 <p>\$24 M Issued for Bid</p>
 <p>12 Permits Underway</p>	 <p>Ownership of Outfalls Transferred June 2018</p>	 <p>40 Community Presentations</p>	
 <p>10 Easements Underway</p>	 <p>Preliminary Engineering Report Finalized March 2019</p>	 <p>RiverRenew.com Launched July 2018</p>	
 <p>Environmental Assessment Published June 2019</p>	 <p>Tunnel System Bidding Documents RFP at 30% Completed April 2019</p>		
 <p>VPDES Permit Issued September 2018</p>	 <p>65 Soil Borings Completed</p>  <p>Tunnel System RFQ Released June 2019</p>  <p>Tunnel DSUP Approved July 2019</p>		

Program Breakdown Summary by Project

<p>108 to 116 MGD Expansion</p>	<p>Upgrade front-end capacity of the plant from 108 to 116 mgd</p>	<ul style="list-style-type: none"> • Upgrade of the primary effluent pumps • Modifications to the filter effluent backwash
<p>Building J Facilities Relocation and Decommissioning</p>	<p>Building J relocation of building uses and demolition</p>	<ul style="list-style-type: none"> • Relocation of WRRF lab, WRRF electrical equipment, and WRRF chillers • Construction of a new lab • Disconnection and relocation of building utilities • Demolition of Building J and hauling of materials off-site • Building G/2 roof replacement
<p>Tunnel System</p>	<p>Waterfront Tunnel</p>	<p>Storage and conveyance tunnel to control overflows from Outfalls 001 and 002</p> <ul style="list-style-type: none"> • Installation of a 12 foot inside diameter reinforced concrete tunnel • Construction of four shafts ranging from 35 to 65 feet inside diameter, two diversion chambers, and one overflow structure • Installation of two below-grade ventilation control vaults
	<p>Hooffs Run Interceptor</p>	<p>Diversion sewer to control overflows from Outfalls 003 and 004</p> <ul style="list-style-type: none"> • Installation of an open-cut diversion sewer with an inside diameter of 6 feet which will replace a portion of the existing Commonwealth Interceptor • Construction of one diversion chamber • Relocation of Outfall 004
	<p>Tunnel Dewatering and Wet Weather Pumping Station</p>	<p>Installation of tunnel dewatering pumps and wet weather pumps</p> <ul style="list-style-type: none"> • Installation of a 20 mgd pumping station and 130 mgd pumping station in a 65 ft diameter shaft • Installation of a screening facility and gantry crane in a 35-ft diameter shaft • Superstructure to house gantry crane and odor control equipment • Installation of electrical and instrumentation equipment
	<p>WRRF Site Security and Access</p>	<p>Improvements to four existing gates and perimeter fencing</p> <ul style="list-style-type: none"> • Installation of one new rollup gate and security booth under garage overhang south of Limerick Street • Installation of a new walkway along the South Bridge crossing Hooffs Run • Replacement of three existing gates and installation of three security booths • Replacement of perimeter fencing along southern border of the WRRF

September 2019 Association Meetings | Alexandria Civic

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Lynhaven Civic Assn. 7:00p Cora Kelly Rec Center 25 W. Reed Ave. Jim Beall	3	4	5	6	7
8	9	10	11 Del Ray Citizens Assn. 6:30p Del Ray United Methodist Church, 100 E. Windsor Ave. – Jim Beall	12 Seminary Hill Assn. 7:30p-Immanuel Church on the Hill, 3606 Seminary Rd. Bill Dickinson West Old Town Citizens Assoc. 7:30pm – Durant Arts Ctr., 1605 Cameron St. Vacant	13	14
15	16	17	18 Park Fairfax Unit Owners Assn. 7:00p-Assn. Office, 3360 Gunston Rd. Bruce Johnson **Wakefield Tarleton Citizens Assn. 6:30p-TBD Bill Dickinson	19	20	21
22	23 Lenox Park @ Sunnyside HOA 7:00p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - Vacant	24 Cameron Station Civic Assn. 7:00p – Cameron Club, Kilburn St. & Ben Brenman Park Dr. Vacant	25 Alex. Federation of Civic Assn. 7:00p City Hall, Rm. 2000 Bill Dickinson	26 Potomac Greens HOA 7:00p Potomac Greens Clubhouse - Patti Turner	27	28
29	30		**Not able to confirm			

From the Washington Business Journal:
<https://www.bizjournals.com/washington/news/2019/06/26/mixed-use-out-townhomes-in-atalexandrias-robinson.html>

Mixed-use out, townhomes in at Alexandria's Robinson Terminal North

Jun 26, 2019, 12:07pm EDT



WALTER PHILLIPS LLC

A rendering of new townhomes proposed for Alexandria's Robinson Terminal North project.

The backers of an ambitious redevelopment of an Old Town Alexandria warehouse are scaling back their plans once more, submitting yet another, smaller design for Robinson Terminal North.

CityInterests Inc. and Rooney Properties are now pitching 53 townhomes the site at 500 and 501 N. Union Street, according to plans filed with the city last week.

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That's a far cry from the developers' original vision of a large mixed-use building on the 190,000-square-foot property, complete with large amounts of glass, masonry walls and a pavilion evocative of the Sydney Opera House.

CityInterests and Rooney first pitched the project in 2014, sketching out plans for a pair of buildings combining residential, a hotel and retail. But the companies have been forced to slowly walk back those grand plans ever since, in the face of entrenched community opposition and a lack of market interest.

The developers announced in 2016 their plans were effectively on hold, though they have taken some limited steps since to revise them. By 2017, they agreed to drop the hotel from 500 N. Union in favor of a smaller mixed-use building, though they kept hope alive that 501 N. Union could someday become home to office, hotel or museum space.

The developers appear to be abandoning those plans in favor a much more modest residential effort instead. The new plans show 26 townhomes on the 500 N. Union site and 27 at 501 N. Union. There does not appear to be any retail. The new project is set to include about 106 parking spaces, mainly in attached garages, with building heights reaching up to 50 feet tall.

McLean-based Craftmark Homes is now listed as a co-applicant alongside CityInterests and Rooney, and Falls Church's Walter Phillips Inc. is providing engineering work. Hickok Cole Architects had previously contributed design work on the project, but it no longer appears to be part of the effort.

It remains unclear whether CityInterests and Rooney remain interested in the property in the long term. They previously informed Alexandria City Council that they plan to sell the site, but city records show it hasn't changed hands.

Representatives for both companies did not respond to requests for comment. Kenneth Wire, a land use attorney at Wire Gill LLP working on the project, also did not respond to a request for comment.

Alex Koma
Staff Reporter
Washington Business Journal