

# Meeting Book - Regular Board of Directors Meeting

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

**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: May 14, 2019

SUBJECT: Regular Board of Directors Meeting

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The regular meeting of the Alexandria Renew Enterprises Board of Directors will be held in the Environmental Center, Edward Semonian Boardroom on Tuesday, May 21, at 6:00 p.m.

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

There is one item of Unfinished Business requiring Board action:

- ◆ *Review and Approval of AlexRenew Rates, Rules and Regulations for FY2019 and FY2020*



**Agenda**  
 Alexandria Renew Enterprises Board of Directors  
 Tuesday, May 21, 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.)		
4.	Public Comment Period (6:57 p.m.)	Chairman	
5.	Consent Calendar (7:02 p.m.) A. Approval of Minutes (Held April 16, 2019) B. Approval of Minutes of Public Hearing (Held May 11, 2019) <i>(Under separate cover)</i> <b>(Tab 1)</b>	Chairman	Approval
6.	Unfinished Business (7:32 p.m.) A. Review and Approve Changes to Rates Rules and Regulations <b>(Tab 2)</b>	Chairman	Approval
7.	New Business (7:35 p.m.) A. None	Chairman	Information
8.	Board Strategic Roundtable – Member & Committee Reports (7:55 p.m.) A. Council/Board CSO Workgroup (as needed) i. Next Meeting July 25, 5:00 p.m. @ AlexRenew 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 G. Governance Committee update – Ms. Turner		Information
9.	Chief Executive Officer’s Reports and Recommendations (8:05 p.m.) A. Consideration of Monthly Financial Report <i>(April)</i> <b>(Tab 3)</b> B. CEO’s Monthly Report <i>(April)</i> <b>(Tab 4)</b> i. Jurisdictional Flows to AlexRenew ii. RiverRenew Dashboard iii. HOA Meeting Calendar	Ms. Pallansch Ms. McIntyre Ms. Pallansch	Accept Information
10.	Adjourn (8:10 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.*

**The next regular Board meeting is Tuesday, June 18, 2019.  
 A public hearing on the FY’20 Preliminary Budget will also be held.**

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

Minutes of the 865<sup>th</sup> Meeting  
“Celebrating Over 60 Years of Continuous Environmental Excellence”  
Alexandria Renew Enterprises  
6:00 p.m., Tuesday, April 16, 2019

On Tuesday, April 16, 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  
Ms. Lisa Van Riper, Director, Enterprise Communications  
Ms. Christine McIntyre, Director of Finance  
Ms. Lorna Huff, Secretary to the Board

Counsel: Mr. Jonathan Rak  
McGuireWoods, LLP

Consultants: Mr. Dorian Hemming, Brown & Caldwell

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 being none, the Chairman requested a motion to approve. Ms. Turner moved approval and Mr. Beall provided the second. The Board unanimously approved the agenda.

Public Comment Period

There were no members of the public in attendance and wishing to speak, the Chairman closed the public comment period and moved to the Consent Calendar.

Consent Calendar

- A. Review and Approve Minutes from the March 19, 2019 Board Meeting

Mr. Hill requested that members review the Consent Calendar. Mr. Dickinson referenced page 2, Item A, under Unfinished Business. He requested that line 3 be modified to read "it was undetermined when and to what extent this would have any effect on AlexRenew rates." The Board concurred. Mr. Beall moved approval and Mr. Dickinson seconded. The Board unanimously approved the Consent Calendar as modified.

There being no additional discussion, the Chairman moved to Unfinished Business.

### Unfinished Business

#### A. Unfinished Business

##### Consideration of Changes to the Rates, Rules and Regulations for Public Notice and Set the Public Hearing

The Chairman recognized Ms. Pallansch. She reported that Resolution of Intent to Adopt and Change Certain Rates, Fees and Charges from the board package was missing information on AlexRenew's volumetric charge. She noted the updated Resolution for Board approval. Mr. Hill inquired about community questions or comments. AlexRenew's Facebook page had received some negative comments about the rate increase. She noted that staff promptly addressed each comment. Many of the negative comments were related to people mistaking AlexRenew for Virginia American Water (VAW).

Mr. Hill noted that AlexRenew had not had a rate increase in two years with the last one being 1.5%. Ms. Turner inquired whether the lack of public response was normal for a rate increase. Ms. Pallansch reported that staff expects to receive more responses once the first bill reflecting the new rate is received. She additionally reported that the City has been helpful with messaging. Mr. Johnson inquired on AlexRenew providing a graphic to show the rates progression over the years. Ms. Pallansch reported that graphics are included in the presentation for the May Rate hearing.

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

There were no additional questions or comments. The Chairman moved to the Strategic Roundtable.

### **RESOLUTION OF INTENT TO ADOPT AND CHANGE CERTAIN RATES, FEES AND CHARGES**

BE IT RESOLVED, that the City of Alexandria, Virginia Sanitation Authority d/b/a Alexandria Renew Enterprises, Inc., hereby signifies its intent to change certain rates, fees and charges to become effective **July 1, 2019** and hereby sets the date of **Saturday, May 11, at 9:30 a.m.**, at the Authority's administration office, 1800 Limerick Street, Alexandria, Virginia 22314 for a public hearing to receive comment regarding same.

BE IT FURTHER RESOLVED, that the Chief Executive Officer is hereby directed to have published in a newspaper having general circulation in the City of Alexandria, for two consecutive weeks, notice of the proposed change in the schedule of rates, fees and charges and the day and time of the public hearing.

The proposed rates, fees and charges are:

Description	Meter Size	Effective Oct 1, 2017	Effective July 1, 2019	Effective July 1, 2020
		Per 1,000 Gallons	Per 1,000 Gallons	Per 1,000 Gallons
<b>Individually Metered Residential Service - Wastewater Treatment Charge</b>	All Meters	\$6.77	\$7.63	\$8.50
<b>Commercial Service - Wastewater Treatment Charge</b>	All Meters	\$6.77	\$7.63	\$8.50

Description	Meter Size	Current Effective Oct. 1, 2017	Proposed Effective July 1, 2019	Proposed Effective July 1, 2020
Residential Base Charge	All Meters	\$9.61	\$10.83	\$12.05
Commercial Base Charge	5/8"	\$28.83	\$32.49	\$36.14
	¾"	\$28.83	\$64.97	\$72.29
	1"	\$72.07	\$81.22	\$90.36
	1-1/2"	\$144.16	\$162.43	\$180.71
	2"	\$230.65	\$259.88	\$289.14
	3"	\$432.47	\$487.28	\$542.14
	4"	\$720.77	\$812.13	\$903.56
	6"	\$1,441.56	\$1,624.26	\$1,807.13
	8"	\$2,306.50	\$2,598.81	\$2,981.40
Minimum Deposit Based on Meter Size		\$0.00	\$0.00	\$0.00
Residential Customer Activation Fee		\$15.00	\$15.00	\$15.00

Revised on July 1, 2019 and shall remain in effect thereafter until further revised.

Board Strategic Roundtable – Member and Committee Reports

CSO Workgroup – Mr. Hill

The next meeting is scheduled for Thursday, April 24, at 5:00 p.m. at City Hall. The focus is to update City Council.

Old Town & Seminary Hill – Mr. Dickinson

Attended both meetings. HOA members were concerned about reduced parking and construction work on Seminary Road.

Alexandria Federation of Civic Associations – Mr. Dickinson

Reported that Alexandria Federation of Civic Associations was holding their next meeting on Wednesday, April 17. He is unable to attend.

North Ridge Citizens Association – Mr. Johnson

The RiverRenew team gave a presentation on April 8. The presentation was well-received and participants asked good questions. HOA members were focused on the construction work on Seminary Road.

Chamber of Commerce – Ms. Turner

The Executive Committee mentioned AlexRenew in their meeting. The Chamber needs clarification on where the tunnel lines will be located. Ms. Turner requested a presentation to engage the Chamber.

Chesapeake Bay Citizens Advisory Group – Mr. Dickinson

The meeting focused on agriculture with many farm agencies in attendance. He additionally reported that money was allocated in the Farm bill for drinking water.

Conowingo Dam – Separate program for state allocations. The next meeting is in May in Baltimore. The focus is stormwater.

Potomac Watershed Roundtable – Mr. Dickinson

Attended a meeting of the Potomac Watershed Roundtable. Viewed a presentation on the state of the Chesapeake Bay which has worsened due to excessive rain. Fish populations are doing well. Suggested separate scoring for tributaries.

George Mason University Research Facility (GMU) – Mr. Dickinson

Mr. Dickinson reported on a tour of the George Mason University facility with Dr. Chris Jones. GMU is researching a problem at Pohick Bay with invasive water chestnuts.

Finance & Audit Committee – Mr. Johnson

Mr. Johnson reported that the Committee reviewed the FY20 Preliminary Budget and recommended for approval to the full Board for public notice and to set the public hearing. There were minor changes which are reflected in the draft that was mailed with the Board package. Mr. Johnson suggested simpler displays and graphics to better illustrate money flow.

The Chairman commended the Committee Chair's thorough review of the budget document.

Ms. McIntyre followed up on Mr. Johnson's inquiry on AlexRenew's Other Post-Employment Benefits (OPEB) question, reporting that the \$180,000 goes towards current and future obligations.

There were no additional questions or comments. The Chairman requested a motion from Mr. Johnson to approve the FY20 Preliminary Budget for Public Notice and Set the Public Hearing for Tuesday, June 18. Mr. Johnson moved and Mr. Beall seconded. The Board unanimously approved.

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 March 2019 Financial Report

Ms. Pallansch recognized Ms. McIntyre, Director of Finance. Ms. McIntyre noted that revenue was trending slightly below budget. She attributed the revenue under-performance to several factors including a slight decline in wastewater treatment fees, a slight decline in fees associated with deposits, disconnects and reconnects, a monthly accounting fluctuation in accounts receivable, but primarily the fact that the FY19 budget was developed with the assumption of a rate increase that was then delayed.

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

B. CEO Monthly Report (March)

Ms. Pallansch noted her written report and inquired if members had questions.

She introduced Mr. Brian Mosby, Deputy General Manager of Operations & Maintenance. Mr. Mosby previously worked at Washington Suburban Sanitary Commission (WSSC). The Board welcomed him to Alexandria Renew.

Ms. Pallansch then reviewed upcoming AlexRenew events as follows:

Monday, April 22 – Agenda Alexandria - Eco-City Report Card – Is Alexandria Cleaning Up Its Act?

Wednesday, April 24 – City Council/AlexRenew Board Work Group at 5:00 p.m.

Saturday, April 27 – Earth Day, 10:00 a.m. - 2:00 p.m. – Lenny Harris Memorial Fields – Ms. Turner will be presenting the Ellen Pickering Award at 12:00 p.m.

Sunday, April 28 - AlexRenew Open House on Rates, 3:00 p.m.- 5:00 p.m. – She requested that members planning to attend, contact Ms. Van Riper in advance for parking instructions.

Wednesday, May 1 – RiverRenew Stakeholder Advisory Group Meeting, 7:00 p.m. – 9:00 p.m. at AlexRenew.

Ms. Pallansch reported that she is updating the State Water Commission on May 7. Mr. Dickinson inquired on the status of the National Park Service (NPS) environmental assessment. Ms. Pallansch reported that at this point they are on schedule. She expects the Environmental Assessment in May.

Ms. Pallansch reviewed the RiverRenew Executive Dashboard noting that the program is on schedule. She reviewed the contract award status and noted that items indicated are long lead items requiring that contracts to bid sooner. She reported that bids so far are below engineering estimates and within meeting procurement guidelines.

Ms. Pallansch then reviewed various handouts and AlexRenew's At-A Glance brochure. She informed the Board that she would alert them via email when the Environmental Assessment was completed.

The Chairman discussed his trip to Thailand and the air and water quality issues of the town that he visited. Ms. Pallansch reported that she would email the photographs showing water conditions after the meeting.

Mr. Dickinson reported he would not be able to attend the next Board meeting.

There were no additional questions or comments and Chairman requested a motion to adjourn. Mr. Dickinson moved and Ms. Turner seconded. The Board unanimously approved.

The meeting adjourned at 6:56 p.m.



**APPROVED:**

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**Secretary-Treasurer**



**Board of Directors**

John Hill, Chair  
Bruce Johnson, Vice Chair  
William Dickinson, Sec'y-Treas  
James Beall  
Patricia Turner

**Chief Executive Officer**

Karen L. Pallansch, P.E., BCEE

**General Counsel**

McGuireWoods, LLP

**INTERNAL MEMORANDUM**

TO: Alexandria Renew Enterprises Board of Directors

FROM: Karen Pallansch, Chief Executive Officer

DATE: May 14, 2019

SUBJECT: Action Item – Unfinished Business, Alexandria Only  
Review and Approval of AlexRenew Rates, Rules and Regulations for FY2019 and FY2020

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**Issue:**

AlexRenew is at the end of its rate cycle and is required to review and set rates. This rate adjustment now includes assets conveyed to AlexRenew in July 2018, namely four combined sewer outfall structures and the requisite remediation program required under Virginia law.

**Recommendation:**

Staff respectfully recommends that the Board adopt a motion approving the rates as set forth in the resolution of intent adopted on April 16, 2019.

**Budget and Funding:**

Rates approval determines budget funding for the next fiscal years. Proposed rates have been included in the revenue projections used to present the draft budget, including capital outlays for the RiverRenew combined sewer outfall remediation program.

**Discussion:**

AlexRenew has two major sources of revenue: (1) Wastewater treatment charges paid by Alexandria customers; and, (2) reimbursement of a proportion of expenses from Fairfax County based upon flow volume. The County also contributes to the Improvement, Renewal & Replacement (IRR) Fund at a rate defined by the service agreement with Alexandria Renew and Capital Improvement Program (CIP) Project Fund, at the percentage rate of 60% unless otherwise negotiated, to allow for the replacement and rejuvenation of capital assets as they depreciate, as well as asset additions associated with regulatory compliance. This request for rate change focuses on charges paid by Alexandria customers only.

The revenue collected by AlexRenew allows for consistent and efficient compliance with regulatory mandates, proper operations and maintenance and immediate and long term investment in its over \$900 million in infrastructure.

The last rate change was an effective 1.5% increase effective October 1, 2017 on the base charge. The proposed rate adjustments of 13% and 11% respectively on both the volumetric and base charges will allow AlexRenew to fund its current obligations as well as invest in the RiverRenew obligations while minimizing rate shock for customers over the long term.

1800 Limerick Street, Alexandria, Virginia 22314 • 703-549-3381 • alexrenew.com

Alexandria's Water Transformers

A public hearing was held on Saturday, May 11, 2019 at 9:30 a.m. in the Semonian Board Room of AlexRenew's offices, 1800 Limerick Street, Alexandria, Virginia, to take public input and comment on the proposed rate adjustments. The notice of intent to raise rates was published in the Washington Post on April 19, 2019 and April 26, 2019 in the official notices section. It was also published in the Alexandria Gazette Packet on April 18, 2019 and April 25, 2019 (Attachment 1). One member of the public attended and provided comments. Additional written comments that were received via e-mail, Facebook and Twitter were summarized and included in the record (Attachment 2). Outreach included bill stuffers, DASH advertisements, presentations at select community meetings and an Open House at AlexRenew held Sunday, April 28.

**Congruence with AlexRenew Strategic Outcomes:**

This action is congruent with the Effective Financial Stewardship strategic outcome.

**ACTION TAKEN:**

APPROVED: \_\_\_\_\_ DISAPPROVED: \_\_\_\_\_

APPROVED WITH MODIFICATION: \_\_\_\_\_

MODIFICATIONS: \_\_\_\_\_

**RESOLUTION OF INTENT  
TO ADOPT AND CHANGE CERTAIN RATES, FEES AND CHARGES**

BE IT RESOLVED, that the City of Alexandria, Virginia Sanitation Authority d/b/a Alexandria Renew Enterprises adopts the following Rates, Rules and Regulations schedule:

Description	Meter Size	Effective Oct 1, 2017	Effective July 1, 2019	Effective July 1, 2020
		Per 1,000 Gallons	Per 1,000 Gallons	Per 1,000 Gallons
<b>Individually Metered Residential Service - Wastewater Treatment Charge</b>	All Meters	\$6.77	\$7.63	\$8.50
<b>Commercial Service - Wastewater Treatment Charge</b>	All Meters	\$6.77	\$7.63	\$8.50

Description	Meter Size	Current Effective Oct. 1, 2017	Proposed Effective July 1, 2019	Proposed Effective July 1, 2020
Residential Base Charge	All Meters	\$9.61	\$10.83	\$12.05
Commercial Base Charge	5/8"	\$28.83	\$32.49	\$36.14
	¾"	\$28.83	\$64.97	\$72.29
	1"	\$72.07	\$81.22	\$90.36
	1-1/2"	\$144.16	\$162.43	\$180.71
	2"	\$230.65	\$259.88	\$289.14
	3"	\$432.47	\$487.28	\$542.14
	4"	\$720.77	\$812.13	\$903.56
	6"	\$1,441.56	\$1,624.26	\$1,807.13
	8"	\$2,306.50	\$2,598.81	\$2,981.40
Minimum Deposit Based on Meter Size		\$0.00	\$0.00	\$0.00
Residential Customer Activation Fee		\$15.00	\$15.00	\$15.00

This Resolution shall take effect July 1, 2019.

Adopted this \_\_\_\_ day of \_\_\_\_\_ 2019.

\_\_\_\_\_  
Secretary-Treasurer

\_\_\_\_\_  
Chairman



Rates, Rules and Regulations  
**Alexandria Renew Enterprises**

Effective: July 1, 2019

**DRAFT FOR REVIEW**  
**As of April 16, 2019**

Revised & Approved: June 18, 2013  
Revised & Approved: July 23, 2013  
Revised & Approved: Aug. 19, 2014  
Revised & Approved: Dec. 16, 2014  
Revised & Approved: April 21, 2015  
Revised & Approved: Sept. 20, 2016  
Public Hearing: May 11, 2019



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The Rates, Rules and Regulations as herein set forth, and as they may hereafter be amended, shall govern the rendering of wastewater service as defined herein. Every customer with premises connected to the City of Alexandria sewer collection system shall be bound by these Rates, Rules, and Regulations.

DRAFT

## I. Rates, Fees and Charges

### SECTION 1 - RATES FOR SERVICE

#### SCHEDULE A – WASTEWATER

This schedule shall apply to all individually metered residential customers and commercial customers discharging sewage to and/or requiring wastewater treatment service by Alexandria Renew Enterprises (wastewater customers). Commercial wastewater customers include all commercial, industrial, government and other public agencies, master-metered residential, and all other accounts or customers not classified as individually metered residential customers.

The wastewater customer's monthly bill for wastewater collection, treatment and disposal services (sewer service) shall be based upon the sum of: i) the base charge and ii) the wastewater treatment charge calculated based on water meter readings at the customer premise. The base charge shall serve as the minimum monthly bill for sewer service for all customers receiving wastewater service from Alexandria Renew Enterprises.

Wastewater Treatment Charge - A charge per 1,000 gallons of water consumption will be billed monthly for wastewater customers at the rates shown below.

Description	Meter Size	Effective Oct 1, 2017	Effective July 1, 2019	Effective July 1, 2020
		Per 1,000 Gallons	Per 1,000 Gallons	Per 1,000 Gallons
<b>Individually Metered Residential Service - Wastewater Treatment Charge*</b>	All Meters	\$6.77	\$7.63	\$8.50
<b>Commercial Service - Wastewater Treatment Charge</b>	All Meters	\$6.77	\$7.63	\$8.50

**\*The Individually-metered Residential Wastewater Treatment Charges are based upon the lesser of: a) a customer's actual monthly metered water use; or b) the customer's determined monthly wastewater treatment billing cap as further defined in subsequent sections of the Rates Rules and Regulations.**

Base Charge - a charge per account predicated on the size of the meter size serving the customer premise, will be billed to all wastewater customers at the rates shown below.

Description	Meter Size	Current Effective Oct. 1, 2017	Proposed Effective July 1, 2019	Proposed Effective July 1, 2020
Residential Base Charge	All Meters	\$9.61	\$10.83	\$12.05
Commercial Base Charge	5/8"	\$28.83	\$32.49	\$36.14
	¾"	\$28.83	\$64.97	\$72.29
	1"	\$72.07	\$81.22	\$90.36
	1-1/2"	\$144.16	\$162.43	\$180.71
	2"	\$230.65	\$259.88	\$289.14
	3"	\$432.47	\$487.28	\$542.14
	4"	\$720.77	\$812.13	\$903.56
	6"	\$1,441.56	\$1,624.26	\$1,807.13



	8"	\$2,306.50	\$2,598.81	\$2,981.40
Minimum Deposit Based on Meter Size		\$0.00	\$0.00	\$0.00
New Residential Customer Activation Fee		\$15.00	\$15.00	\$15.00

**Monthly Wastewater Treatment Billing Cap:**

Individually metered residential (single family) customers may use water for outdoor uses such as to irrigate lawns, plants, and other landscaping during non-winter months. This flow does not typically enter the wastewater collection system; as such, Wastewater Treatment Charges for residential customers are based on water used during the winter period to obtain a more representative measure of indoor water use that better approximates the true quantity of wastewater entering the wastewater collection system from the individually metered residential (single family) customer’s premise for treatment and disposal by Alexandria Renew Enterprises.

The individually metered residential (single-family) customer’s monthly Wastewater Treatment Charges shall be based on water meter readings at the customer’s premise. Individually-metered Residential Customers shall be billed the Wastewater Treatment Charges utilizing a monthly wastewater treatment billing cap that shall be determined annually. The wastewater treatment billing cap per customer shall be established based on the greater of: a) 4,000 gallons a month; or b) the customer’s average monthly metered water consumption (gallons) recognized on bills rendered during the winter period which is defined as the months of December, January, and February. The monthly wastewater treatment billing cap is not effective for bills rendered during the winter period months. If no bills are rendered to the customer for water service during the winter period, then the monthly wastewater treatment billing cap shall be established at 4,000 gallons a month until a winter period average can be established.

The Wastewater Treatment Charges billed to Commercial customers will be determined based on the total metered water delivered to the premise and shall not be eligible for the monthly “wastewater treatment billing cap”. To the extent a Commercial customer has a water-only meter serving the property such metered water consumption would not be charged the Wastewater Treatment Charge. An example of a water-only service would include a meter exclusively used by the customer to measure outdoor water irrigation.

Customers receiving wastewater service only and obtaining water from sources other than Virginia American Water Company shall install a water meter on their water supply which will be read as the basis for calculating wastewater treatment charges. A charge shall be added to each bill to offset the cost of reading the independent customer’s water meter.

**SCHEDULE B – REUSE (RECLAIMED) WATER**

Customers which receive reclaimed water service from Alexandria Renew will pay a charge of \$1.77 per 1,000 gallons of metered reclaimed water delivered to the customer premise. All reclaimed water to be delivered to a customer premise will be metered.

**SECTION 2 – OTHER RATES, FEES AND CHARGES**

**SCHEDULE A – PRETREATMENT PERMIT FEE**

In accordance with US EPA Regulations (40 CFR 403) and the Code of the City of Alexandria, Virginia, 1981, as amended, Alexandria Renew maintains and regulates an industrial pretreatment program.

Industrial users are those customers meeting the definition in Section 5-6-102(mm) of the Code of the

City of Alexandria, Virginia, 1981, as amended.

Non-significant industrial users are those industrial users meeting the definition in Section 5-6-102(mm)(3) & (4) of the Code of the City of Alexandria, Virginia, 1981, as amended.

The annual Pretreatment Permit Fee for permitted industrial users shall be:

Significant Industrial User - \$1,500 per year.

Non-significant Industrial User - \$500 per year.

Additionally, the permit application fee is \$100 with an additional \$100 charged in the event of a permit revision. A permit includes pretreatment requirements, discharge limits, and special conditions for significant industrial user or categorical sites. The fee covers AlexRenew's costs in administering the permit and the permits are issued for up to five years. Lastly, Letters of Approval are issued for one time discharges of limited duration for a fee of \$100.

#### SCHEDULE B – DEDUCT METERS CHARGE

Alexandria Renew Enterprises commercial and industrial customers that have a portion of their wastewater flow that does not enter the wastewater collection system may apply for a deduct meter. The application for a deduct meter must be certified by an independently licensed plumber. Customers participating in the deduct meter program shall receive flow adjustments for the billing of the Wastewater Treatment Charges only through the proper operation of the approved deduct meter(s). Residential customers are not eligible for deduct meters.

When a deduct meter permit is issued by Alexandria Renew Enterprises to allow for a new connection and/or meter to be installed, a deduct meter permit fee shall be paid by the applicant. The permit fee is designed to defray the cost of the required deduct meter inspection at the time of meter installation and to establish the customer billing and service requirements at the time of installation.

The Deduct Meter Permit fee for users shall be \$500, paid in full at the time of application. This is a one-time application fee.

The charge for reading the Deduct Meter is \$50 per reading per account if all of the deduct meters billed to the account have the same premise address. If an account has different premise addresses associated with its Deduct Meters, there is a \$50 charge per reading at each specific premise address. This charge will be in addition to the payment of Base Charges for those Commercial customers that have been approved for and have installed a deduct meter.

The charge for inspecting the Deduct Meter by Alexandria Renew Enterprises shall be \$100 per inspection for each inspection performed after the installation of the Deduct Meter. An inspection of the Deduct Meter will be required every 2 years to verify the flow accuracy of the meter, condition, and other aspects associated with providing this service.

#### SCHEDULE C – NEW ACCOUNT ACTIVATION FEE

All Residential Customers opening a new account to i) establish wastewater service or ii) re-establish wastewater treatment service will be charged a \$15.00 new account activation fee.

#### SCHEDULE D – SERVICE TERMINATION FEES

All customers whose water service has been disconnected for non-payment for wastewater service or for violation of these Rules and Regulations will be assessed a non-negotiable service termination fee of

\$45.00 added to the account. This charge, together with any arrears that may be due Alexandria Renew Enterprises, shall be paid before the utility service will be turned on. In addition, a service restoration fee of \$45.00 will be assessed and added to the account for a request to restore wastewater treatment service.

Customers will be charged a \$35.00 returned check fee per occurrence.

## II. Rules and Regulations

### Rule No. 1 – Definitions

Unless the context specifically indicates otherwise, the meaning of terms used in this publication of Rates, Rules and Regulations shall be as follows:

- a. "Alexandria Renew" shall mean the City of Alexandria, Virginia Sanitation Authority d/b/a Alexandria Renew Enterprises.
- b. "City of Alexandria" shall mean the City of Alexandria, Virginia.
- c. "City Sanitary Sewer Maintenance Fee" shall mean City of Alexandria's sanitary sewer maintenance fee calculated by multiplying the number of thousands of gallons of water consumption (based on water meter readings) by the rate established by the City of Alexandria from time to time and which rate is applied to all customers on a "per 1,000 gallons of billed water consumption" which will also serve as the same basis for billing the Wastewater Treatment Charges by Alexandria Renew Enterprises. Amounts collected from this fee will be remitted to the City of Alexandria to fund the operations and maintenance of the City's sanitary sewer system and are not for use or considered as revenue by Alexandria Renew Enterprises.
- d. "Customer" shall mean every property owner or tenant whose Premises are connected to the City of Alexandria wastewater collection system and shall be responsible for paying for the cost of receiving wastewater service. Normally, a customer is provided potable water by the Water Company. Each customer shall be served by a separate service connection.
  - i. "Residential Customer" shall mean every Customer whose Premises is a single-family dwelling connected to a water meter that serves only that dwelling.
  - ii. "Commercial Customer" shall mean every other Customer whose Premises is not a single family dwelling individually connected to a water meter that serves only that dwelling. Commercial Customers include, but are not limited to, multi-family dwellings, whether the dwellings are leased or in a condominium form of ownership, other uses such as retail, office, government and other public agencies, and industrial, and all other accounts or customers not classified as (individually metered) residential customers.
- e. "Person" shall mean any individual, firm, company, association, society, corporation, or group.
- f. "Interceptor" shall mean a sewer conveyance line which is owned and controlled by Alexandria Renew.

- g. "Public Sewer" shall mean a sewer conveyance line that is, owned and maintained by the City of Alexandria.
- h. "Sewer Service Connection" shall mean the fittings through which the building sewer is joined to the public sewer and constitutes the point of service for Alexandria Renew Enterprises. A "Cross-Connection" is an actual or potential link between the potable water supply (water safe for human consumption) and a non-potable source (any other type of liquid, gas or substance not fit for consumption and that can affect water quality).
- i. A "Sewer Meter" is a device utilized to measure the quantity of sewer discharge into the Public Sewer from a premise.
- j. "Deduct Meter" shall mean the meter that is installed on the Commercial Customer property subsequent or downstream from the primary water meter that measures the amount of water that does not enter the wastewater collection system for such Customer. All water use by the Customer is assumed to be discharged to the wastewater collection system for treatment unless specifically identified through metering pursuant to a Deduct Meter. Water measured by the Deduct Meter is subtracted from the total water measured by the primary water meter to calculate the Wastewater Treatment Charges for the Customer.
- k. "Premises" shall mean:
  - i. Each residential dwelling structure.
  - ii. Each residential dwelling unit in a duplex, triplex, apartment building, or in any other building that is used for residential purposes.
  - iii. Each unit contained in a structure serving more than one tenant, lessee, or owner; and used for any purpose other than residential.
  - iv. Each structure or group of contiguous structures, that is owned, rented, or leased by one person and occupied by that person. The following shall also be considered one premise:
    - 1. Residence used as a rooming house
    - 2. Dwelling or building for transients
    - 3. Apartment building or residential condominium where the water utility bill is included in the rent or condominium fee.
- l. An "Extended Absence" is any absence greater than 60 days.
- m. "Water Company" shall mean Virginia American Water Company, its successors or assignees which provide potable water to customers within the City of Alexandria.

Rule No. 2 – General

- a. There shall be no free service rendered by Alexandria Renew, and, if any local, state, or federal government, or any department, agency or instrumentality thereof, or any other public body shall desire service to be rendered by Alexandria Renew, it shall apply for and receive such service pursuant to the rules and regulations herein contained and shall pay for the same at the established rates, fees, and other charges.
- b. The service pipes, building sewers, meters, piping and fixtures on the Customer's

Premises shall be accessible to Alexandria Renew for observation or inspection at reasonable hours.

- c. Employees or agents of Alexandria Renew are expressly forbidden to demand or

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accept any compensation for any service rendered to its customers except as covered by its Rates, Rules and Regulations.

- d. No employee or agent of Alexandria Renew shall have the right or authority to bind it by any promise, agreement, or representation contrary to the letter or intent of these Rules and Regulations.
- e. Any complaint against the service or employees of Alexandria Renew should be made in writing or electronically to Alexandria Renew.

#### Rule No. 3 – Special Contracts

Alexandria Renew may enter into contracts with any person, firm, or corporation, including municipalities, sanitary districts and other political subdivisions and public bodies, for the rendering of any wastewater service; provided, however, that the rates or charges to be paid thereunder shall not be less than an amount which is fair and equitable, taking into account the cost to Alexandria Renew for providing such service.

#### Rule No. 4 – Extension of Public Sewers

Applicants for service to a premises not already having direct access to an adequate existing public sewer must make application to the City of Alexandria to extend and/or upgrade the public sewer system. In addition to City ordinance requirements, applicants must provide, free of charge to Alexandria Renew, any easement necessary for installation, operation and maintenance of sanitary sewers or other facilities owned by Alexandria Renew.

Connections to the public sewers shall be regulated and authorized by the City of Alexandria. No private connection shall be permitted to any Interceptor or other facility owned or operated by Alexandria Renew unless expressly authorized in writing by Alexandria Renew.

It is the responsibility of the Water Company to establish and maintain cross-connection control programs to detect, prevent, and eliminate cross-connections that may create an imminent and substantial danger to the public health.

#### Rule No. 5 – Quantity and Quality Determinations for Continuing Service Charge

- a. The quantity of sewage discharged into the public wastewater system shall be assumed to be equal to the quantity of water registered by the water meter or meters measuring the entire flow to the premises; less those flows that are separately metered by Alexandria Renew through the installation of a Deduct Meter that serves only appliances and/or facilities that are not connected to the public sewer in any manner.
- b. Where discharge to the public sewer from a specific appliance or process is of significantly lesser volume than that registered by the meter, the quantity discharged may be measured as the basis for the quantity of sewer service. Alexandria Renew reserves the right, at its sole discretion, to estimate the quantity of sewer service required by such specialized appliance or process.
- c. Alexandria Renew reserves the right to determine the quantity and/or quality of sewage by any accurate method of measurement and/or analysis of discharge from the premises sewer. If the quantity is found to be in excess of the quantity measured by the customer's water meter or meters, the customer shall be back charged not

less than six months on the basis of the greater flow and shall be required to install meter or meters in such a manner as may be specified by Alexandria Renew.

- d. If the quality of wastewater discharge does not comply with the requirements of Alexandria Renew, immediate steps shall be taken by the customer to comply, and costs of necessary analysis and compliance shall be paid by the customer.

#### Rule No. 6 – Meters and Meter Installation

- a. All water meters except Deduct Meters are installed, owned, maintained and read by the Water Company. All customer meters are read monthly by the Water Company and the billed water use measured in thousand gallons and meter size used to service the Customer as provided by the Water Company is provided to and relied upon by Alexandria Renew for purposes of billing its Customers the monthly Wastewater base charges and wastewater treatment charges. Alexandria Renew reserves the right to estimate the amount of wastewater flow if the water meter readings are considered inaccurate; Alexandria Renew will correct billings to its Customers upon the receipt of subsequent corrected information as an adjustment in the subsequent bill for wastewater service or on some other basis as may be determined by Alexandria Renew.
- b. Deduct Meters will be read monthly by Alexandria Renew or its designee.
- c. The customer shall promptly notify Water Company and Alexandria Renew of any calibration failure, defect in, or damage to the meter or its connection.

#### Rule No. 7 – Sewer Meters

- a. Alexandria Renew may, at its sole discretion, enter into agreements with Commercial Customers to measure its sewer service through the use of a sewer meter or meters.
- b. The sewer meter shall be installed by the applicant, in a place readily accessible to Alexandria Renew for reading. If access is deemed unsafe by Alexandria Renew or its designee, Customer will be responsible for moving the sewer meter to an accessible location. Upon installation of the meter by the applicant, the sewer meter shall be contributed to and become the property of Alexandria Renew.

#### Rule No. 8 – Deduct Meters

- a. Where Alexandria Renew is to issue a permit for the use of a Deduct Meter, an application for Deduct Meter service shall be made by the property owner or their designated agent at the offices of Alexandria Renew.
- b. All customers with Deduct Meters are responsible for maintaining the Deduct Meter and remote read device in a good working condition. Meter shall be calibrated annually by an appropriate licensed contractor and results submitted to Alexandria Renew; if a Customer does not provide Alexandria Renew a copy of the deduct meter calibration results, Alexandria Renew reserves the right to discontinue the recognition of the deduct meter water flows in the application of Wastewater Treatment Charges.
- c. Alexandria Renew staff shall review the application fee from time to time and make a recommendation for any changes. All customers with Deduct Meters are responsible for the sub-meter and remote meter device and for readings to be performed.

- d. Should any meter and/or its appurtenances become damaged, including any damage that may result from allowing the meter to become frozen, it shall be the responsibility of the property owner to get the meter repaired. No Deduct Meter credit adjustment will be made for or during the period when the Deduct Meter is out of service for repair.

Rule No. 9 – Customer's Liability for Charges

- a. A Customer who has made an application for or received service at a Premises shall be held liable for all service furnished to such premises until such time as the Customer has properly notified the Water Company to discontinue the service for the account.

Rule No. 10 – Bills for Service

- a. Customers are responsible for furnishing their correct addresses and corresponding service information to the Water Company.
- b. Failure to receive bills will not be considered an excuse for nonpayment nor permit an extension of the date when the account will be considered delinquent.
- c. If bills are to be sent to an address other than the Premises served, the Water Company shall be notified by the Customer of any change of address.
- d. If requested in writing by the owner-customer, Alexandria Renew will send bills to and receive payments from agents or tenant-customers. However, this accommodation will in no way relieve the owner-customers of the liability for all charges, in accordance with the Virginia Water and Waste Authorities Act (Chapter 51, Title 15.2, Section 5100 et seq., Code of Virginia, 1950 as amended.)
- e. Payments shall be made by mail to the lockbox provider selected by Alexandria Renew or such other places or methods as may be designated by Alexandria Renew.
- f. Alexandria Renew reserves the right to correct any bills rendered in error.
- g. Each Customer, as defined in Rule No. 1, shall be billed separately for service.
- h. Bills will be rendered monthly.

Rule No. 11 – Terms of Payment

- a. Bills for sewer service shall be payable on or before stated due date.
- b. If a bill is not paid within twenty-one (21) days after the billing due date, and payable, and after notice has been properly provided by Alexandria Renew to the Customer of record, water and wastewater service may be discontinued, and the wastewater deposit, if any, may be applied against such bill and any other arrears due by the Customer.
- c. There may be a lien upon the real estate for the amount of any rates, fees, and other charges made by Alexandria Renew to the owner or lessee or tenant of such real estate for the services rendered by Alexandria Renew to such real estate from and after the time when such rates, fees, and other charges are due and payable and for the interest which may accrue thereon.



- d. There shall be a handling charge corresponding to bank fees for all returned checks which have been submitted to Alexandria Renew for payment of any applicable charges.
- e. A late payment charge of ten percent of the unpaid balance on accounts not paid within 21 days of their billing date shall be charged and collected by Alexandria Renew.
- f. Alexandria Renew may report the failure of a Customer to make payments within 95 days to appropriate credit reporting agencies in accordance with federal and state law.

Rule No. 12 – Abatement

There shall be no abatement of the service charges in whole or in part by reason of an extended absence of the customer, unless service has been discontinued at his request.

Rule No. 13 – Service Termination Fee

If any premise violates these Rules and Regulations and it has become necessary to discontinue water service, a non-negotiable service termination fee will be assessed and added to the account. In cases where service disconnection has occurred, this charge, together with any arrears that may be due Alexandria Renew, shall be paid before the water will be turned on.

Rule No. 14– Discontinuance of Service

- a. As per Va. Code Section 15.2-5138, water service may be discontinued by Alexandria Renew, through the Water Company after ten (10) days' notice for any of the following reasons:
  - i. Willful or indifferent waste of water due to any cause.
  - ii. Failure to protect and maintain the service pipe or plumbing fixtures including the water meter and its protective devices, and drainage system on the property of the customer in a condition satisfactory to Alexandria Renew.
  - iii. Tampering by the Customer or others with the knowledge of the customer, with any meter, connection, service pipe, curb stop, seal, drainage system, piping or any other appliance of the Water Company or Alexandria Renew controlling or regulating the Customer's water supply or sewage flow.
  - iv. Failure to provide Alexandria Renew's and/or the Water Company's employees free and reasonable access to the premises served, or for obstructing the way of ingress to the meter or other appliances controlling or regulating the Customer's water supply or sewage flow.
  - v. Nonpayment of any account for wastewater service, or for any fee or charge accruing under these Rates, Rules and Regulations.
  - vi. Violation of any rule or regulation of Alexandria Renew.
  - vii. Failure to correct cross connection violations as identified by Alexandria

Renew, in accordance with Rule 4 herein.

- viii. In case of death of the Customer, in whose name the account is opened, parties that continue service at a premise must contact the Water Company to change the account Customer name. Failure to change the named customer is a violation of Alexandria Renew's "Rates, Rules and Regulations".
- b. Service may be discontinued by one of the following methods:
  - i. Where water is supplied by the Water Company, supply will be cut off and the meter removed.
  - ii. Where water is furnished by the owner, or by other than the Water Company, Alexandria Renew reserves the right to (a) remove the sewer meter used for measuring the flow to the wastewater facilities, (b) seal the building drain or sewer, or (c) remove the connection to the public sewer.
- c. Discontinuing wastewater service or the supply of water to a premises for any reason shall not prevent Alexandria Renew from pursuing any lawful remedy by action at law or otherwise, for the collection of monies from the Customer.
- d. When service to a customer has been terminated for any of the above stated reasons, other than temporary vacancy of the premises, it will be renewed only after the conditions, circumstances, or practices which caused the service to be discontinued are corrected to the satisfaction of Alexandria Renew and upon payment of all charges due and payable by the Customer in accordance with these Rates, Rules and Regulations.

Rule No. 15 – Restoration of Service

- a. When it becomes necessary to discontinue service to any Customer because of a violation of these Rules and Regulations or because of nonpayment of any bill, charges shall be made as follows:
  - i. If service was discontinued only by turn-off of water supplying the Premises, the Customer shall pay a connection charge as presented in Section 2, Schedule D of these Rates, Rules, and Regulations for turning on the water plus any arrears that may be due to Alexandria Renew for charges related to turn-off/turn-on and associated administrative costs.
  - ii. If service was discontinued by removal of the meter, or by sealing the building drain, or by removal of the connection to the public sewer, Customer shall pay as a charge the actual cost of restoring the service, including all labor, materials, and overhead plus 100% of said actual costs including labor, materials and overhead. Said charge shall be estimated by Alexandria Renew upon application for restoration of service and the Customer shall pay the amount of the estimate prior to restoration of service. Any adjustments in actual cost will be made upon completion of restoration of service.
- b. Restoration of service for nonpayment of wastewater service will only occur during regular business hours for Alexandria Renew Enterprises. Same-day water service restoration will not be provided. It is the Customer's responsibility to ensure payment has been received by Alexandria Renew.

- c. If at the time of such discontinuance of service for nonpayment of bill the customer has not made a deposit, Alexandria Renew may require a deposit, whether Customer is property owner or not, as a guarantee of payment of future bills. Deposit shall equal the amount of the estimated bill for two regular billing periods and, in no case, be less than the minimum deposit established codified by these Rates, Rules, and Regulations, before the water and the corresponding wastewater service will be turned on. The deposit will be refunded when service has been discontinued, after deducting any charges due on final settlement of the Customer's account.
- d. When a Customer has requested discontinuance of water service because of temporary vacancy, wastewater service is being furnished by Alexandria Renew, and where all bills have been paid, Alexandria Renew will charge a turn-on fee as presented in Section 2, Schedule D for the restoration of both water and wastewater service.

Rule No. 16 – Water Leaks and Adjustments

- a. In the event of a water leak, the Customer shall immediately notify the Water Company.

Alexandria Renew is not responsible for maintaining the public water main and water service connection or individual Customer notifications.

- b. Alexandria Renew may consider, on a case-by-case basis, whether to adjust wastewater bills based on documented water leaks. Among the factors to be considered will be whether the Water Company accepts responsibility for the leak or potential misread of the meter. If an adjustment is made, the maximum amount will be 50% of the bill and a one-time courtesy adjustment will be allowed per Customer account owner.
- c. If a leak is found not to be the responsibility of Alexandria Renew, the Customer will be notified and shall have the leak repaired by a registered plumber at his expense.

Rule No. 17 – Refund policy

Customers that overpay an account in error shall not receive a refund of the over-payment unless the over payment is greater than two (2) times the average billing amount. Over-payments shall be credited to a Customer account and used to offset/pay the next bill due. In a situation where a refund is appropriate, Alexandria Renew will apply credits to the same credit card accounts rendering the payment. Customers making payments by check may apply for a check refund that may be made after a 30 day clearing period (no exceptions).

Rule No. 18 – Adjustment of Fixed Charges Based on Oversized Meters

Upon request of a Customer, the Chief Executive Officer (CEO) may apply the fixed charge for a smaller meter, if the CEO determines at his/her discretion that:

- a. The Customer's actual water usage over the multiple billing periods is significantly less than the typical consumption for the size of water meter installed; and
- b. The potential for significantly higher water usage in the future is unlikely based on one or more of the following factors:

- i. Whether the meter combines fire flow and potable water uses;
- ii. The size and use classification of the structure served limited water usage; and
- iii. Other legally binding use restrictions limit water usage.

Alexandria Renew further reserves the right to apply the fixed charge for the actual meter size if any of these factors change in the future.

### **III. Amendment and Interpretation**

Alexandria Renew reserves the right to revise and/or amend these Rates, Rules, and Regulations to interpret the meaning of all statements made herein.

### **IV. Effective Date**

The Rates, Fees, and Other Charges; Rules and Regulations herein contained shall become effective as revised on July 1, 2019 and shall remain in effect thereafter until further revised.

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

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

**General Counsel**  
McGuireWoods, LLP

## INTERNAL MEMORANDUM

TO: AlexRenew Board of Directors

FROM: Karen Pallansch, CEO

DATE: May 14, 2019

SUBJECT: Monthly Financial Report – April 2019

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### Issue:

AlexRenew's Finance staff prepares a Monthly Financial Report to keep the Board of Directors apprised of AlexRenew's budget performance and adherence to financial policies.

### Recommendation:

Staff respectfully presents the Monthly Financial Report for April 2019 for inclusion in the Board package for the Board Meeting on May 21, 2019.

### Budget and Funding:

Not applicable.

### Discussion:

The trends shown in the Monthly Financial Report for April 2019 are consistent with those shown throughout Fiscal Year 2019. Revenues are tracking slightly below budget and expenditures are tracking below budget. AlexRenew continues to adhere to all financial policies including maintaining its cash reserves and debt service coverage.

### Congruence with AlexRenew Strategic Plan:

This action supports the strategic outcome of Effective Financial Stewardship.

### ACTION TAKEN:

APPROVED: \_\_\_\_\_ DISAPPROVED: \_\_\_\_\_

APPROVED WITH MODIFICATION: \_\_\_\_\_

MODIFICATIONS: \_\_\_\_\_

1800 Limerick Street, Alexandria, Virginia 22314 • 703-549-3381 • alexrenew.com

Alexandria's Water Transformers

## Monthly Financial Report

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**Month: April 2019**

### **Overview**

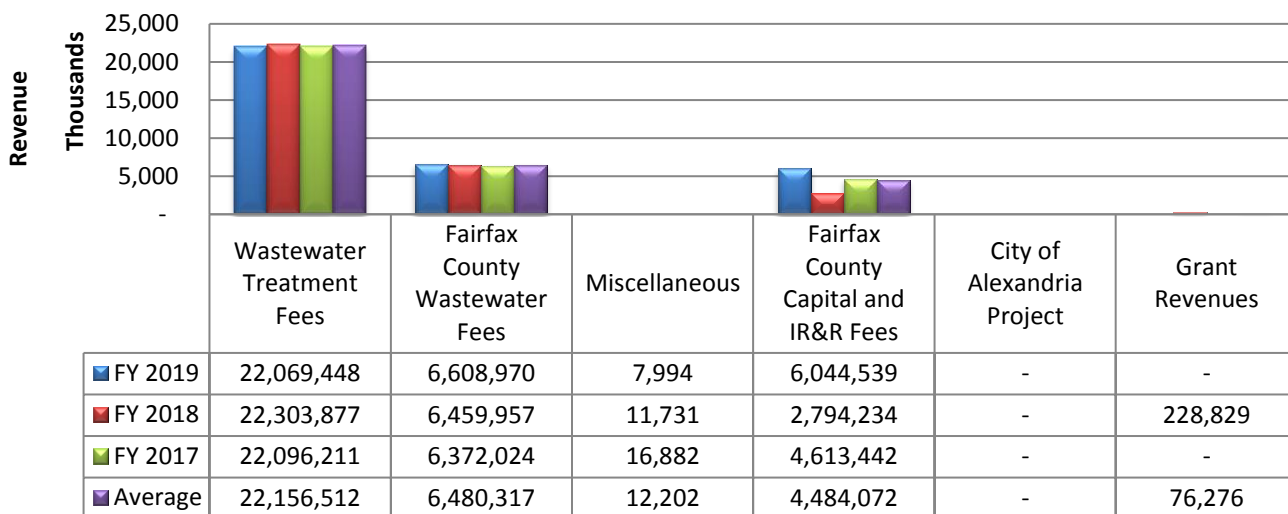
Monthly performance of AlexRenew's annual approved budget is reviewed and evaluated against actual to planned spend rates, historical trends, appropriate benchmarks and internal financial policies, to ensure overall organizational financial stability.

Currently, as the summary data herein will indicate, AlexRenew is trending slightly below its FY19 consolidated revenue budget and below its consolidated expense budget, month-to-date.

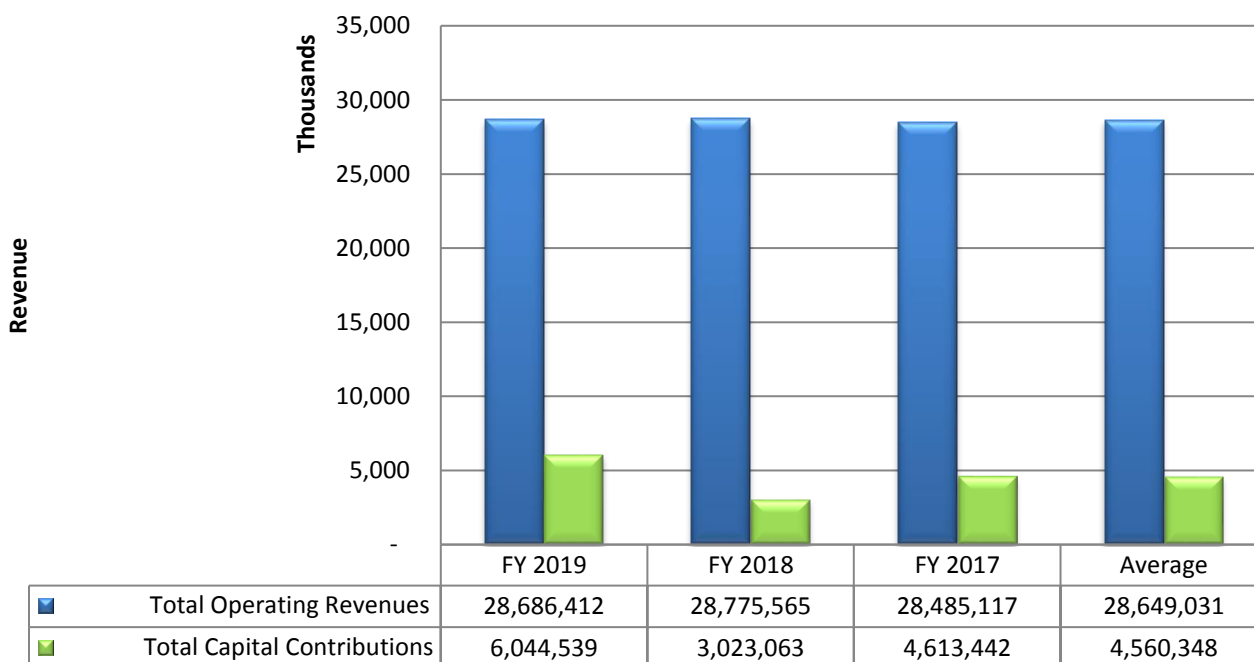
### **Revenues**

- FY19 operating revenues total \$28.7 million through the end of April with approximately \$22.0 million in Wastewater Treatment Charge revenue and \$6,608,970 collected from Fairfax County. Wastewater Treatment Charge revenue is approximately \$234,000 (1.0%) less compared to the same time in FY18 and \$794,596 (3.5%) below the Fiscal 2019 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

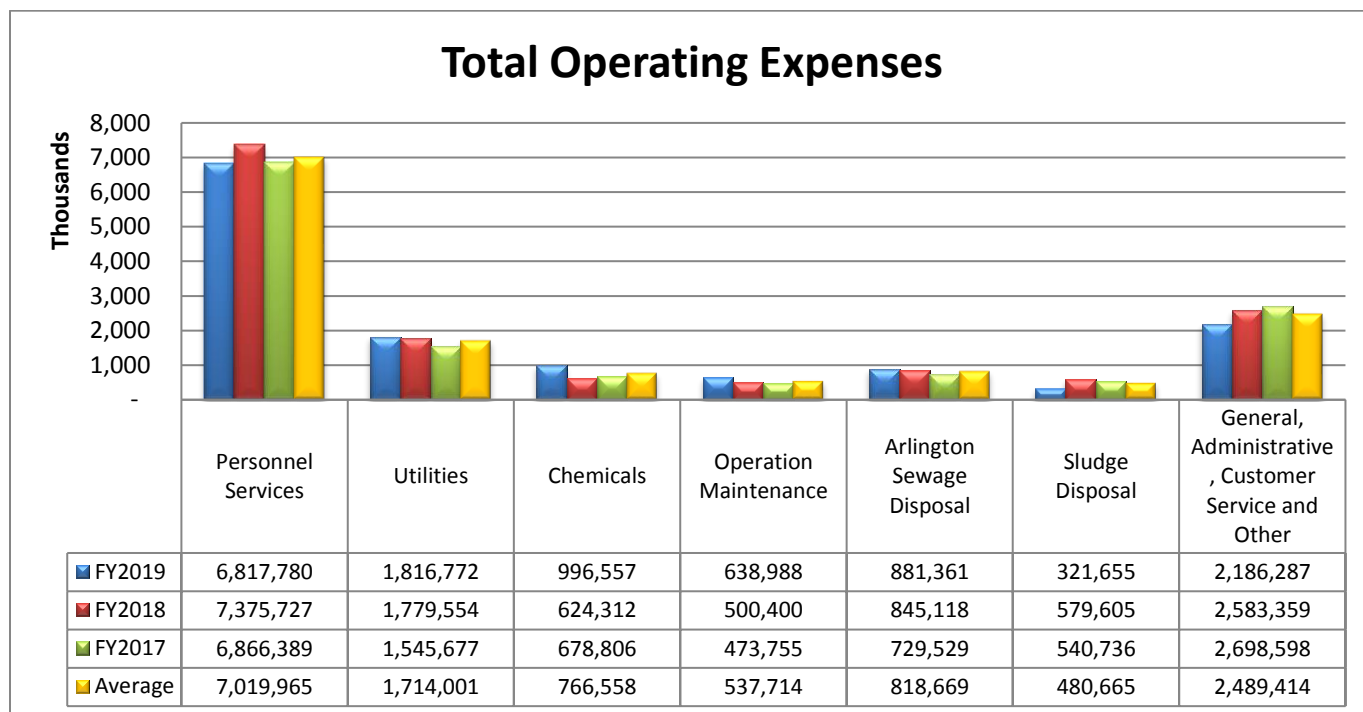
FY19 operating and maintenance expenses are approximately 17% or \$2.7 million under our year-to-date budget, representing a spend rate of 48.7% (64.9% when adjusted for 9-month fiscal year). An overall decrease in General and Administrative costs, as well as Sludge Disposal costs accounts primarily for this variance.

Capital outlay expenses are \$10.7 million year-to-date, representing a spend rate of 40.2% (53.6% when adjusted for 9-month fiscal year).

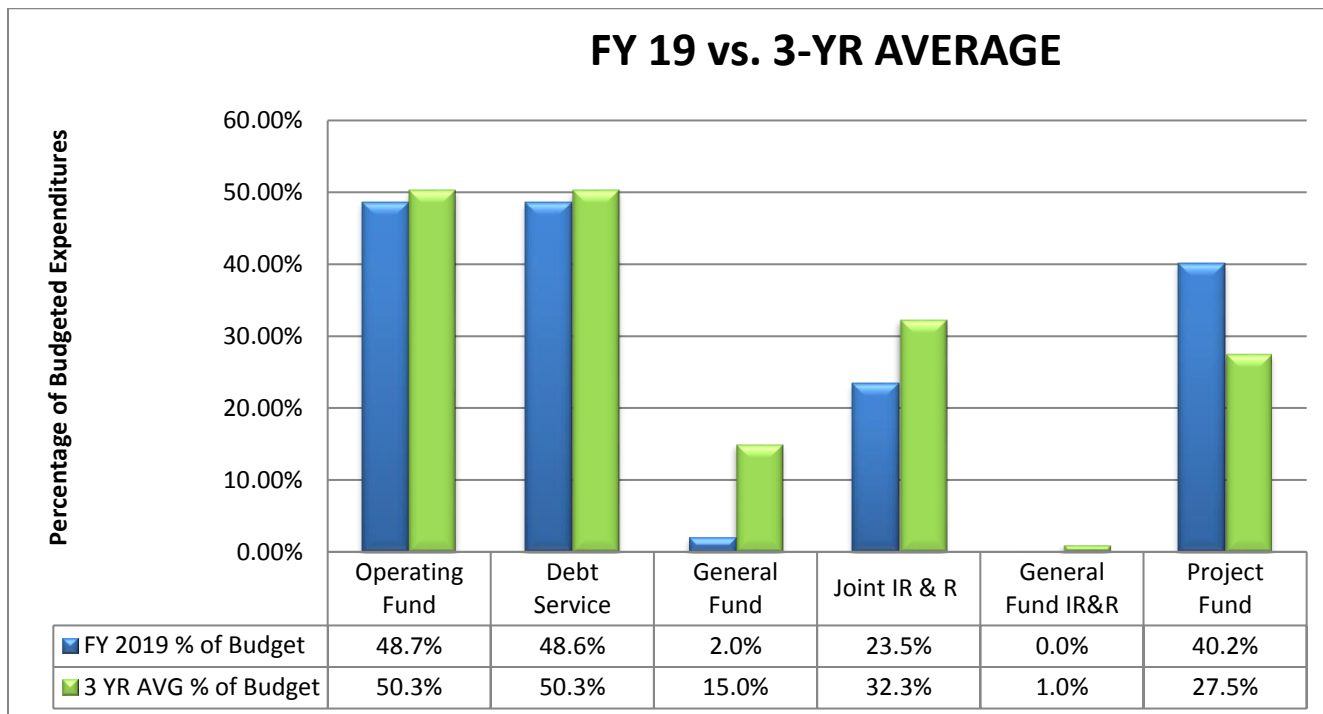
At seven (7) months into our fiscal year, our overall spend rate is 39.4% of our total budget (52.6% when adjusted for 9-month fiscal year)

### EXPENSES BY FUND

(Millions of Dollars)	ACTUAL VS. BUDGET Through April, 2019				SPEND RATE		
	FY 2019 BUDGET	FYTD 2019 ACTUAL	3 YR AVG ACTUAL	FYTD 2019 BUDGET	FY 2019 % of Budget	3 YR AVG % of Budget	Variance FY18 to 3 YR AVG
Operating Fund	\$ 27.84	\$ 13.55	\$ 13.69	\$ 16.24	48.7%	50.3%	-1.6%
Debt Service	15.24	7.41	7.26	8.89	48.6%	50.3%	-1.6%
General Fund	8.17	0.17	0.66	4.77	2.0%	15.0%	-13.0%
Joint IR & R	5.63	1.32	1.47	3.28	23.5%	32.3%	-8.8%
General Fund IR&R	0.60	-	0.00	0.35	0.0%	1.0%	-1.0%
Project Fund	26.60	10.69	6.31	15.52	40.2%	27.5%	12.6%
<b>Total</b>	<b>\$ 84.08</b>	<b>\$ 33.14</b>	<b>\$ 29.40</b>	<b>\$ 49.05</b>	<b>39.4%</b>	<b>39.7%</b>	<b>-0.3%</b>

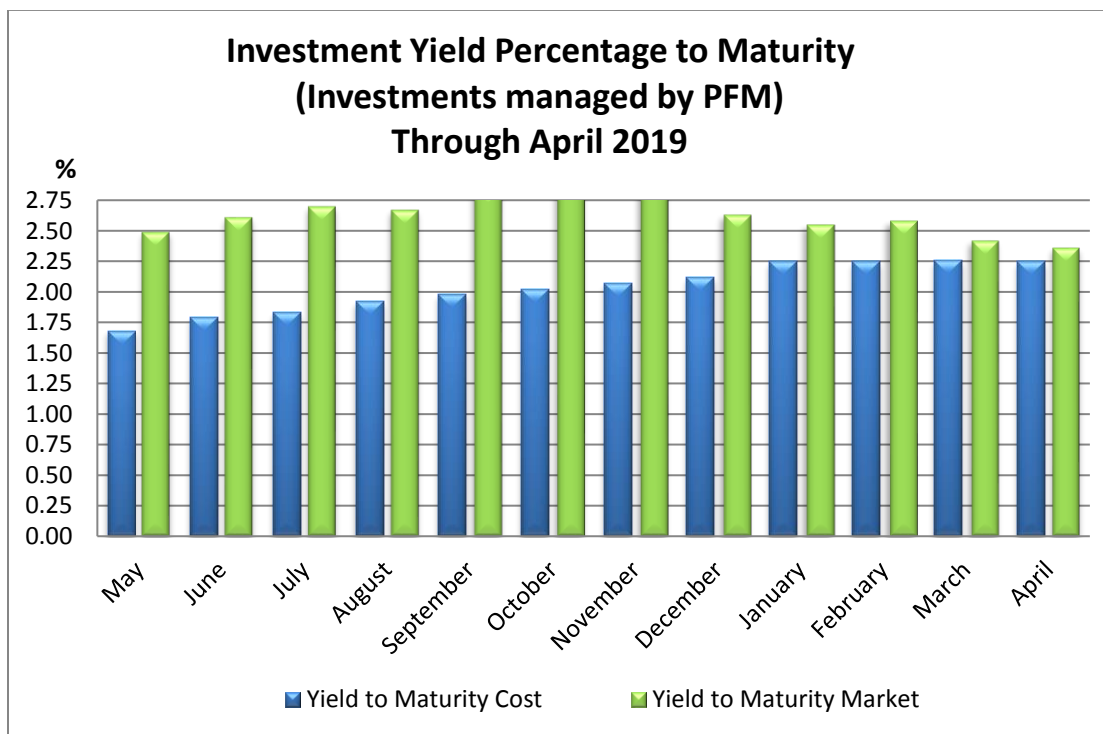






### Investments

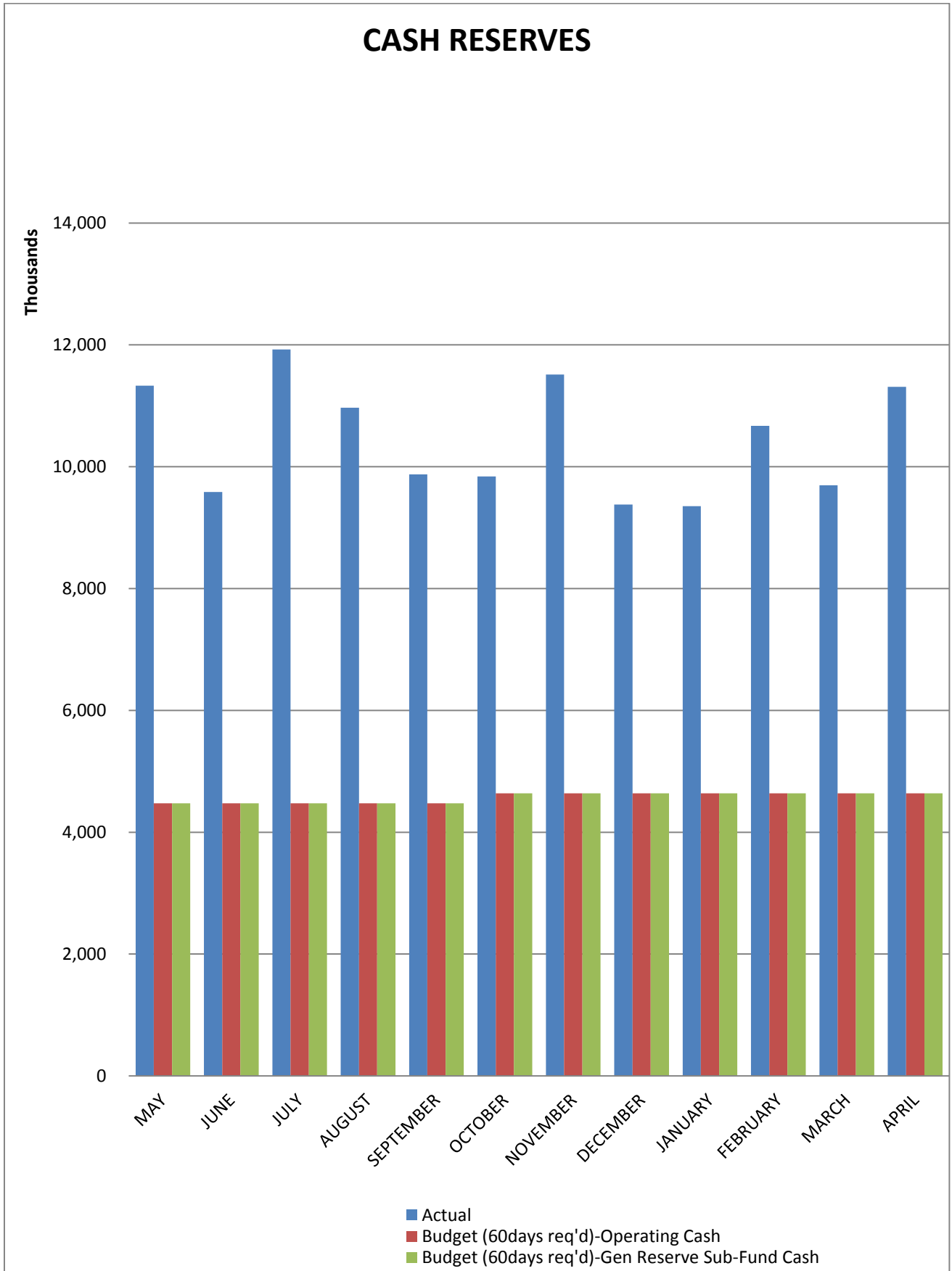
PFM Investment Advisors manages approximately \$24 million of AlexRenew’s \$31.0 million investment portfolio. The following graph demonstrates current earnings on investments of approximately 2.25%; a level significantly higher than general bank deposit earnings rates.



**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 FY19 this equals a minimum of \$9,281,042. The chart and graph below demonstrate that AlexRenew currently exceeds this requirement.

<b>Board Policy 120 Days Operating-General fund Cash Reserve</b>	<b>FY 2019 Actual</b>	<b>Percentage of Goal</b>
<b>As of April, 2019</b>		
Total Operating Cash	\$ 3,864,308	
Total Certificates of Deposit (Cash Equivalent)	\$ 2,806,903	
Total Operating Cash	<u>\$ 6,671,211</u>	
	<u>4,640,520</u>	
Total General Reserve Sub-Fund Cash	<u>4,640,520</u>	
Total Operating and General Reserve Sub- Fund Cash	<u>11,311,731</u>	122%

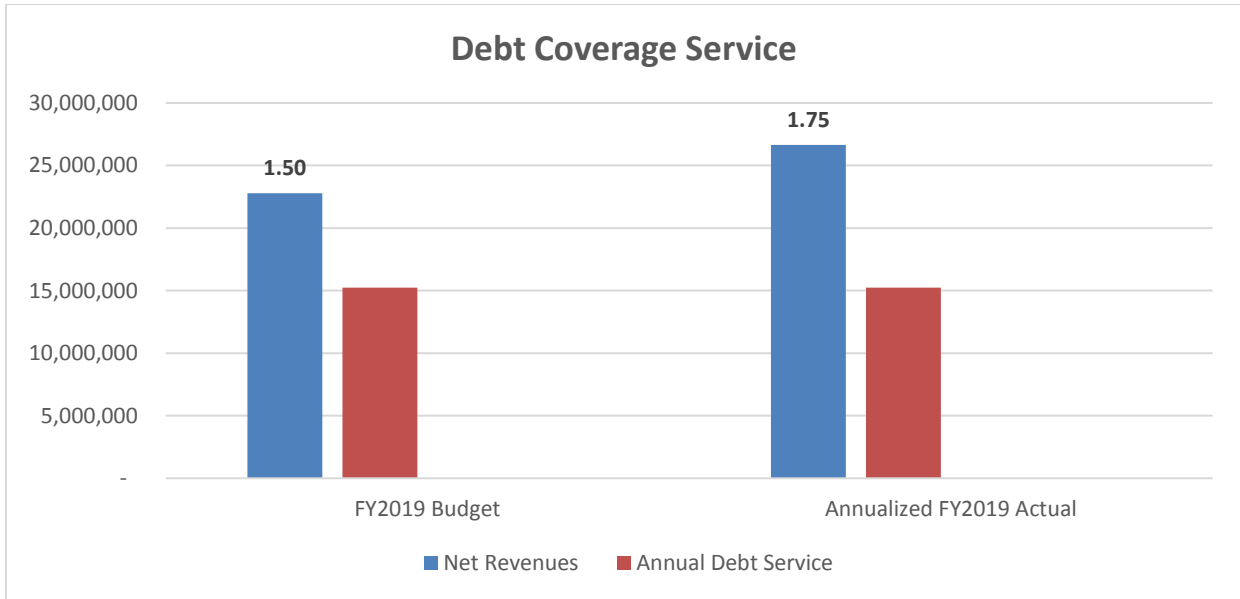


## Debt Service Coverage

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 1.75x designated in the graph below represents projected coverage for FY19 based on actual results to date. We also note our anticipated coverage of 1.50x based on original FY19 budget expectations. As a result; we are well ahead of our budgeted projection, as well as our minimum policy level.

<b>Financial Policy Compliance - All-In Debt Coverage</b>	<b>FY 2019 Actual</b>	<b>FY 2019 Budget</b>
<b>Gross Revenues Available for Debt Service Coverage:</b>		
Wastewater Treatment Charges - Alexandria	37,833,339	39,195,503
Fairfax County Operating Expense Charge	11,329,663	11,329,663
Reimbursement from other systems	13,704	-
Investment Income	688,902	115,000
Less Restricted Investment Income	-	-
<b>Total</b>	<b>49,865,608</b>	<b>50,640,166</b>
Operating Expenses	23,229,436	27,843,111
Net Revenues	26,636,172	22,797,055
Annual Debt Service	15,245,561	15,245,561
Calculated All-In Debt Coverage	1.75	1.50
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 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 - April 2019

Dear Members of the Board of Alexandria Renew Enterprises,

During April, we focused on rates education activities, including an Open House for the public on Sunday, April 28. We had one dozen attendees. Thank you to the board members who represented AlexRenew at the event. We were also present at Alexandria’s Earth Day celebration, with a tent that featured both AlexRenew and RiverRenew educational interactives. Kurt Moser, a longtime environmental advocate and president of the Four Mile Run Conservancy, received the 11<sup>th</sup> annual Pickering Award from AlexRenew Board Member Patti Turner.



### Operational Excellence

Precipitation for April at Reagan National Airport was 2.24 inches, below the Washington, D.C. average of 3.06 inches for the month. There were no overflows in the collection system or at the plant during the month.

Biosolids production for April 2019 was 1,774 wet tons. Approximately 98% of the total biosolids produced were beneficially reused through land application in the Virginia counties of Fauquier, Caroline, and Culpeper.

AlexRenew exceeded the average monthly Total Suspended Solids (TSS) limit of the Virginia Pollutant Discharge Elimination System (VPDES) permit for April 2019. The poor settleability (high sludge volume index (SVI)) of the secondary sludge coupled with the inability to lower the solids inventory at the plant due to unusually high plant flows during the first quarter of 2019 resulted in some solids carryover in the secondary effluent. With warmer temperatures, sludge wastage rates have been increased to lower plant solids inventory. AlexRenew met all the other VPDES effluent parameters for the month.

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 <sup>1</sup> (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 <sup>2</sup>	6.0	3.0	493,381	0.18	29,603
Reported	34.1	<QL	7.2	0.84	8.7	3.0	129,001	0.15	7,305

#### NOTES

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

## Public Engagement and Trust

### **Rates Education**

To date, we have conducted the following rates education activities:

#### Online

- Produced a website story and promoted it via social media. On Facebook to date, we have almost 1,800 responses to almost 20 posts.
- To date, six negative engagements focused largely around rising rates and the \$20 to \$40 per month range. One negative post confused us with Virginia American Water. We responded within two hours to each post with approved messaging about the next two years and the requirement for cleaner waterways. We also clarified our role and rates versus VAW.
- Our post has been shared almost 150 times across all social media platforms.
- Almost 800 website visitors have viewed our rates story, the rates press release, estimate your rates page, or the rates and charges page.

#### Print

- Inserted the rates flyer into April bills. Approximately 27,000 customers received the flyer.
- Inserted the rates flyer without Open House information into bills May 1 through May 10.
- Published an OpEd by the Mayor and Board Chair in the Alexandria Gazette and Alexandria Times.
- Distributed a press release; information about our April 28 Open House ran in the Gazette calendar.
- Placed weekly ads in the Times, Gazette, and El Tiempo Latino, and a monthly ad in The Zebra.
- We ran a DASH bus placard from April 11 – 28.

#### Events

- Presented at four events: The North Ridge Community Association, Arlandria Farmers Market, Holmes Run Park Committee, and Seminary Hill Association. We reached approximately 150 citizens.
- Presented at the March 26 SAG meeting and provided flyers to each SAG member for their own events.
- Addressed questions and comments about rates education at the May 1 SAG meeting.
- Shared an enlarged rate flyer at Earth Day on April 27.
- Held an Open House on April 28 from 3 PM to 5 PM in our lobby with 12 attendees.

#### Organizational Outreach

- Emailed a condominium and apartment-focused flyer to almost 300 management organizations throughout Alexandria. We also mailed copies of the flyer for placement at their front desks.
- Emailed the residential flyer to more than 60 civic associations in the City. Rosemont distributed flyers and posted on its website.
- Distributed the residential flyer to 65 faith leaders, and Spanish speaking flyer to 30+ Hispanic businesses.
- Sent the flyer to Alexandria community organizations, including the Eisenhower Partnership, which emailed and posted the information; the Alexandria Chamber; The Carlyle Council, which posted the information on its Facebook page; and the Alexandria Economic Development Partnership.
- Distributed the flyer to the City communications team of 40+, 5-1-1 operators, and City Council and the Mayor with a cover letter.

### **Tours and Events**

During April, we welcomed 310 visitors to our Environmental Center. To date for 2019, we have hosted almost 1,400 visitors. We hosted 14 events in April, including four tours for T.C. Williams High School STEM classes with 40 students each, an ACPS Principals' meeting for 14, an Environmental Center Architectural Tour for 14, and eight students from Arlington Career Center for a Job Shadow Day.



As a reminder, we will be cutting back on our tours starting this summer, due to the start of construction activities.

### **Customer Service**

Customer Service received 2,359 calls in April with 49% of callers opting for self-service. Average call answer time was 34 seconds. Call Center staff also answered 176 customer emails.

### **Social Media and Website**

Seventy-two percent of people who engaged with us on Facebook during April were from the City of Alexandria; the majority (74%) were women. We had 1,807 active engagements on Facebook as evidenced by likes, comments, and shares. We have 3,440 Facebook Fans.

Almost 720 Twitter, 250 LinkedIn, and 175 Instagram followers engaged with our posts during April. We have 3,500 Twitter, 1,690 LinkedIn, and 170 Instagram followers. For our website, we had 9,251 visitors during April, with 31,071 page views. We had 132 visitors click through to our website from social media.

### **Watershed Stewardship**

During April, I was a keynote speaker for a Central States Water Environment Association (CSWEA) Educational Conference. Our director of enterprise communications and I attended Water Week in Washington, D.C. I also attended an industry meeting on promoting water sector diversity held at Howard University, and was a speaker at the Virginia Water and Waste Authorities Association annual meeting.

### **RiverRenew**

The Council-Board Workgroup met on April 24, 2019.

The National Park Service (NPS) is currently reviewing the Environmental Assessment (EA), and is expected to publish the EA in early June, initiating the 30-day public comment period. The RiverRenew team expects to host Community Listening Sessions to discuss the EA during the week of June 17, 2019.

The Development Special Use Permit (DSUP) process for the Tunnel System is underway. City staff is drafting their report and the DSUP application is on the agenda for the June 25, 2019 Planning Commission meeting, and scheduled for the City Council Public Hearing on July 9, 2019.

The Development Special Use Permit (DSUP) process for the Tunnel Dewatering Pumping Station (TDPS) is underway. Comments were received from City staff on April 17, 2019 for the latest submission. The DSUP application is expected to be on the agenda for the September 3, 2019 Planning Commission meeting, and scheduled for the City Council Public Hearing on September 14, 2019.

### **Adaptive Culture**

From April 30, 2018, we have logged 138,308 hours without a lost time accident. We will be celebrating Safety Month in June.

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

Regards,

Karen Pallansch  
Chief Executive Officer

## RESOLUTION OF INTENT TO ADOPT AND CHANGE CERTAIN RATES, FEES AND CHARGES

BE IT RESOLVED, that the City of Alexandria, Virginia Sanitation Authority d/b/a Alexandria Renew Enterprises, Inc., hereby signifies its intent to change certain rates, fees and charges to become effective **July 1, 2019** and hereby sets the date of **Saturday, May 11, at 9:30 a.m.**, at the Authority's administration office, 1800 Limerick Street, Alexandria, Virginia 22314 for a public hearing to receive comment regarding same.

BE IT FURTHER RESOLVED, that the Chief Executive Officer is hereby directed to have published in a newspaper having general circulation in the City of Alexandria, for two consecutive weeks, notice of the proposed change in the schedule of rates, fees and charges and the day and time of the public hearing.

The proposed rates, fees and charges are:

Description	Meter Size	Effective Oct 1, 2017	Effective July 1, 2019	Effective July 1, 2020
		Per 1,000 Gallons	Per 1,000 Gallons	Per 1,000 Gallons
Individually Metered Residential Service - Wastewater Treatment Charge	All Meters	\$6.77	\$7.63	\$8.50
Commercial Service - Wastewater Treatment Charge	All Meters	\$6.77	\$7.63	\$8.50

Description	Meter Size	Current Effective Oct. 1, 2017	Proposed Effective July 1, 2019	Proposed Effective July 1, 2020
Residential Base Charge	All Meters	\$9.61	\$10.83	\$12.05
Commercial Base Charge	5/8"	\$28.83	\$32.49	\$36.14
	3/4"	\$28.83	\$64.97	\$72.29
	1"	\$72.07	\$81.22	\$90.36
	1-1/2"	\$144.16	\$162.43	\$180.71
	2"	\$230.65	\$259.88	\$289.14
	3"	\$432.47	\$487.28	\$542.14
	4"	\$720.77	\$812.13	\$903.56
	6"	\$1,441.56	\$1,624.26	\$1,807.13
	8"	\$2,306.50	\$2,598.81	\$2,981.40
Minimum Deposit Based on Meter Size		\$0.00	\$0.00	\$0.00
Residential Customer Activation Fee		\$15.00	\$15.00	\$15.00

Revised on July 1, 2019 and shall remain in effect thereafter until further revised.

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## Rate Adjustments: Summary of Public Inquiries

### 12 Inquiries since March 28

- 2 emails to [askriverrenew@alexrenew.com](mailto:askriverrenew@alexrenew.com)
- 1 phone call on RiverRenew hotline
- 1 phone call directly to director of enterprise communications
- 1 email to outreach and education specialist
- 1 email to director of enterprise communications and outreach and education specialist
- 6 social media inquiries (four Facebook; two Twitter)

### Summary of Email and Phone Inquiries

1. 3/28/19: Email question about compensation for our board of directors in light of proposed increases.
2. 4/04/19: Phone referral from VAW to call a customer who was upset with VAW and AlexRenew. He asked why rate increase and program were necessary. We told him about 2017 Virginia law, and River Renew program and its community benefits.
3. 4/12/19: President of Seminary West association called and asked if Arlington is treating their sewage, why are these customers responsible for the differential between our rates and Arlington's? Shouldn't they be paying Arlington's rates? Also, why should they be responsible for the rest of Alexandria with our rate increases? How is this equitably going to work?
4. 4/24/19: Customer emailed to ask how he can opt out of paying the proposed increased rates for RiverRenew, and asked if, when the RiverRenew project and other improvements are complete, we will reduce rates to previous levels.
5. 4/29/19: Customer emailed to ask about AlexRenew and SSO/stormwater issues; she signed up for water conservation measures at her home with the City in 2009, and let us know that the City does not recall this program. She stated that it was in cooperation with the Chesapeake Bay Foundation.
6. 5/08/19: President of Wakefield Tarleton emailed and asked about the Virginia American Water rate increase and how it relates to ours, given they mentioned wastewater in their notice; she also asked about future rate increases and how we will assist those on fixed incomes who might not be able to sustain the increase; finally, she asked how we calculate usage, especially with outside usage, and if we have considered flow monitoring equipment.

**Social Media Inquiries**

- April 1 (Facebook): Affordability/mitigating impacts on low income customers.
- April 1 (Facebook): Rates should be equitably based upon usage.
- April 3 (Twitter): How long before its 10, 15, 25 ... 40 - ship never stays at what we say.
- April 7 (Twitter): \$20 to \$40 more is wallet rape.
- April 8 (Facebook): Customer received VAW mailer; attributed their announcement to us.
- April 27 (Facebook): Same customer as April 8 asked how much rates will go up and said she knows they will go up.





## Program Schedule

Contract	Current Phase:	Schedule Status:	Cost Status:	% Complete by Contract:	Year																				
					2017	2018	2019	2020	2021	2022	2023	2024	2025												
<b>108 to 116 MGD Expansion</b>																									
Primary Effluent Pumps Pull-Out Assemblies	Fabric	●	●	41.0																					
Construction	Design	●	●	39.0																					
<b>Building J Facilities Relocation and Decommissioning</b>																									
MCCs	Fabric	●	●	53.0																					
Laboratory Casework	Procure	●	●	56.0																					
Air Handling Units & Chillers	Procure	●	●	62.0																					
Heat Exchangers	Procure	●	●	62.0																					
Construction	Design	●	●	26.0																					
<b>Tunnel System</b>																									
Tunnel System Construction	Planning	●	●	3.7																					
<b>Wet-Weather Treatment</b>																									
Wet-Weather Treatment	Planning	●	●	6.7																					
<b>WRRF Site Security and Access</b>																									
WRRF Site Security and Access	Design	●	●	43.0																					

**Legend :**

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

April 30, 2019

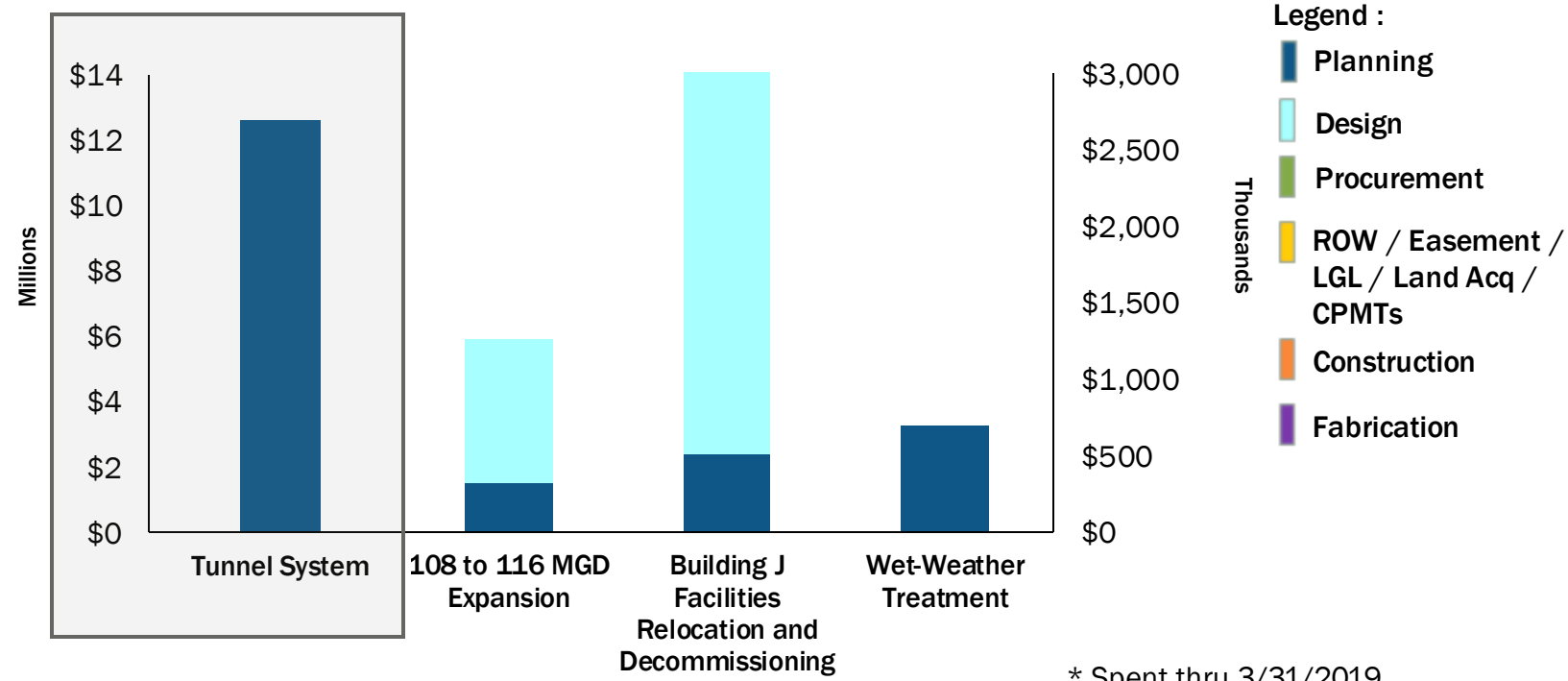


**Contract Award Status**

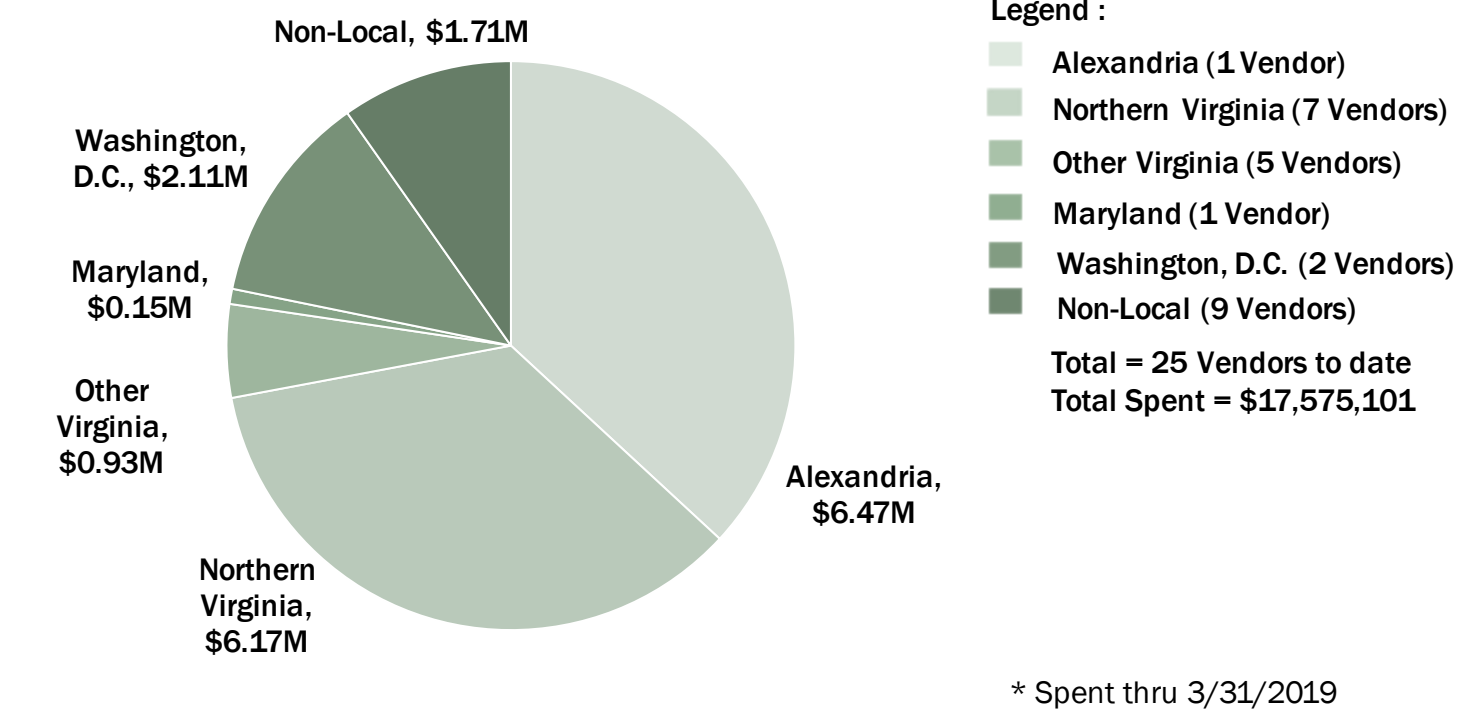
Contract	Contract No.:	Date of Contract Award:	Vendor:	Contract Amount:	Notice to Proceed:	Construction Start Date:	Construction Finish Date:
<b>108 to 116 MGD Expansion</b>							
Primary Effluent Pumps Pull-Out Assemblies	19-001	12/19/2018	Flowserve	\$941,911	12/20/2018	12/21/2018	9/23/2020
<b>Building J Facilities Relocation and Decommissioning</b>							
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 AHU's	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
<b>Construction Management Information Systems (CMIS)</b>							
Construction Management Information Systems	19-060	5/2/2019	e-Builder	\$751,600	5/7/2019	5/7/2019	5/2/2029



## Project to Date Cost by Phase\*



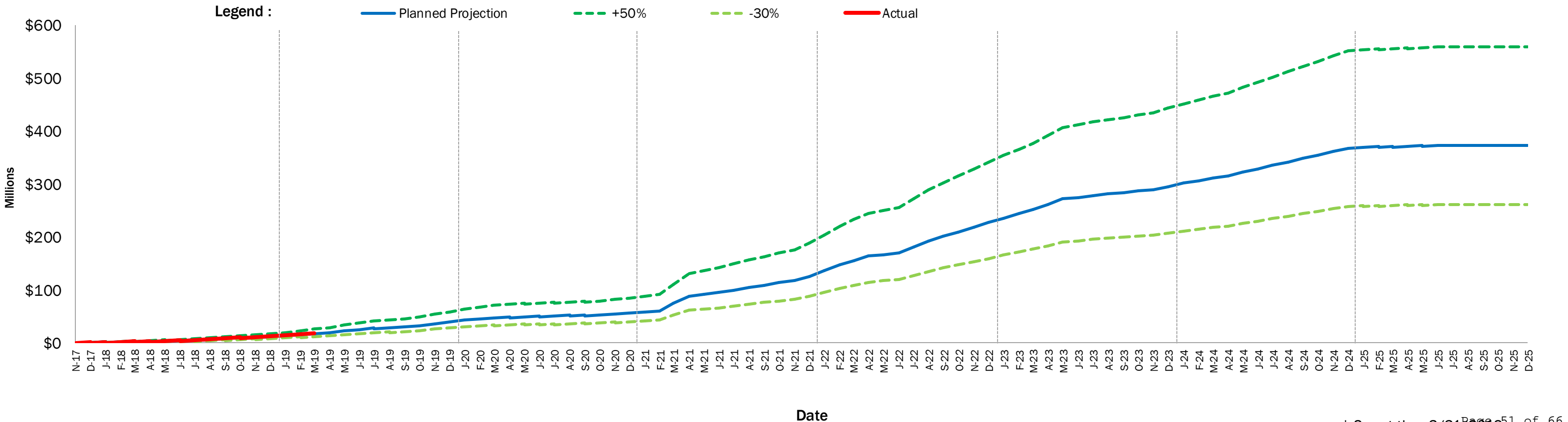
## RiverRenew Spent to Date by Locality\*



\* Spent thru 3/31/2019

\* Spent thru 3/31/2019

## RiverRenew Cashflow Analysis\*



\* Spent thru 3/31/2019

## Summary of Activities

Date:	Accomplished Milestones:	Date:	Upcoming Activities:
4/24/2019	RiverRenew City Council Workgroup	5/21/2019	AlexRenew Board Adoption of Rates
4/28/2019	AlexRenew Open House to Discuss Rate Increases	6/18/2019	AlexRenew Budget Hearing and Budget Adoption
5/1/2019	Stakeholder Advisory Group Meeting No. 3	6/25/2019	City of Alexandria Planning Commission Hearing on the RiverRenew Tunnel System DSUP
5/11/2019	AlexRenew Public Hearing on Proposed Rates	7/24/2019	RiverRenew City Council Workgroup Meeting

## 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 NPS SUP for Jones Point Park. NPS SUP for Potomac River borings received 4/11/2019.	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	● NWP #6 received 3/15/2019	Required for Phase B geotechnical investigations within Potomac River and/or wetlands
Virginia Department of Transportation (VDOT) Land Use Permits (LUP)	6/30/2019	● Received LUP for soil boring. Drafting LUP application for tunnel crossing	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)	7/9/2019	● Submitted Preliminary Site Plan for Completeness to the City 2/7/2019. City drafting staff report	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)	9/4/2019	● Drafting Preliminary Site Plan (Completeness Phase) for submittal to the City anticipated 5/13/2019	Required for the approval of the new Tunnel Dewatering Pumping Station and associated superstructure
Environmental Assessment (EA)	7/15/2019	● Submitted draft EA to NPS on 3/10/2019. Coordination with NPS will occur in March and April to finalize and issue EA document around 6/1/2019 (note: issuance date is estimated and at the discretion of NPS)	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	11/1/2019	● 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)	2/1/2020	● Submitted floodplain encroachment analysis to City on 4/27/2019	If the City confirms the no-rise analysis, a Letter of Map Revision will not be required from FEMA
U.S. Army Corps of Engineers (USACE) Nation Wide Permit (NWP) #18	7/1/2019	● Submitted permit application 5/1/2019	Required for wetland impacts associated with contractor trailers, staging, and laydown areas on the WRRF campus.

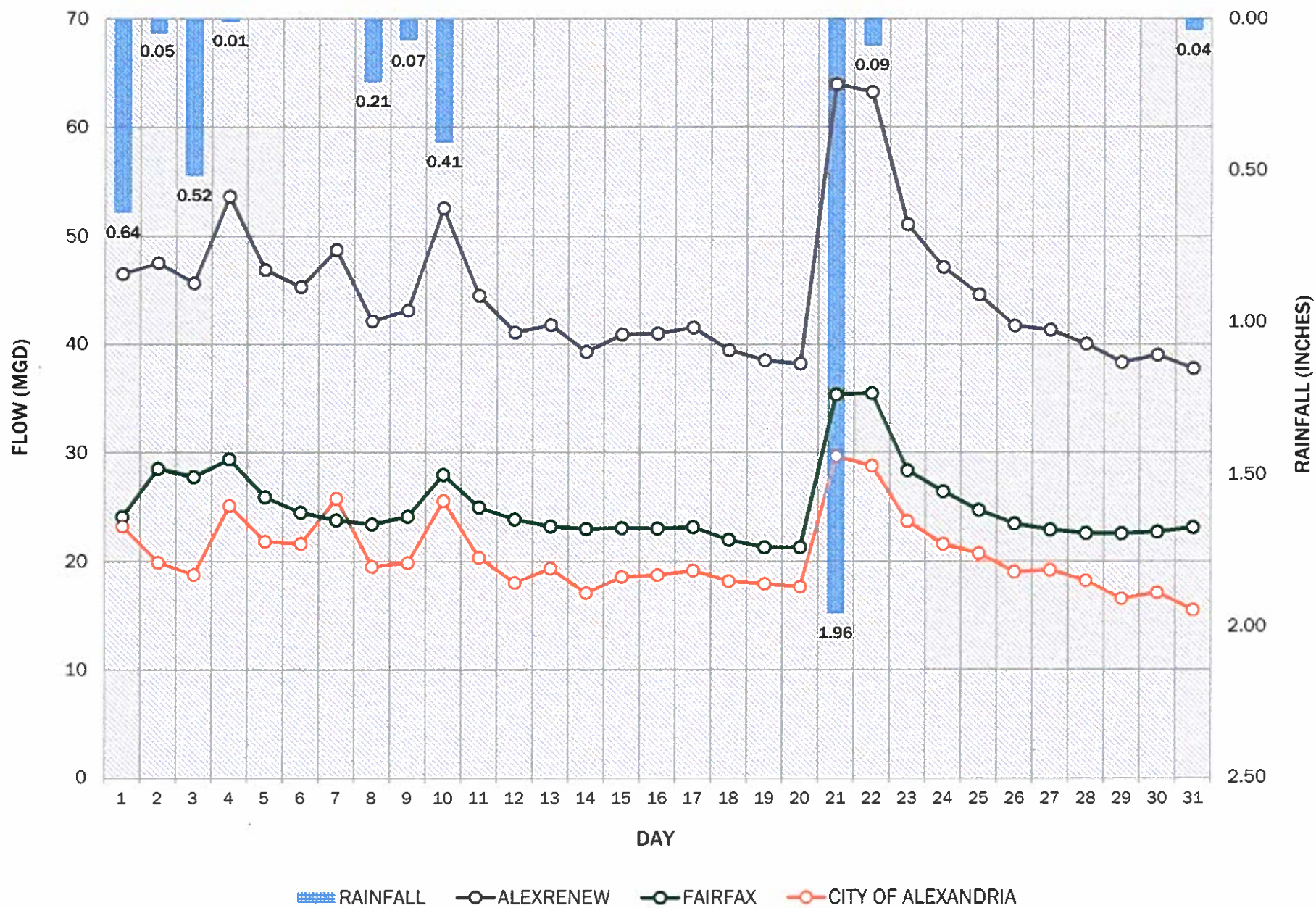


Program Breakdown Summary by Project

<p><b>108 to 116 MGD Expansion</b></p>	<p>Upgrade front-end capacity of the plant from 108 to 116 mgd</p>	<ul style="list-style-type: none"> <li>• Upgrade of the primary effluent pumps</li> <li>• Modifications to the filter effluent backwash</li> </ul>
<p><b>Building J Facilities Relocation and Decommissioning</b></p>	<p>Building J relocation of building uses and demolition</p>	<ul style="list-style-type: none"> <li>• Relocation of WRRF lab, WRRF electrical equipment, and WRRF chillers</li> <li>• Construction of a new lab</li> <li>• Disconnection and relocation of building utilities</li> <li>• Demolition of Building J and hauling of materials off-site</li> <li>• Building G/2 roof replacement</li> </ul>
<p><b>Tunnel System</b></p>	<p>001/2 Tunnel</p>	<p><b>Storage and conveyance tunnel to control overflows from Outfalls 001 and 002</b></p> <ul style="list-style-type: none"> <li>• Installation of a 12 foot inside diameter reinforced concrete tunnel</li> <li>• Construction of three shafts ranging from 30 to 50 feet inside diameter and two diversion chambers</li> <li>• Installation of two below-grade odor control facilities</li> </ul>
	<p>003/4 Tunnel or Diversion Sewer</p>	<p><b>Tunnel or diversion sewer to control overflows from Outfalls 003 and 004</b></p> <ul style="list-style-type: none"> <li>• Three options include a 12 foot deep tunnel, trenchless diversion sewer with an inside diameter of 6 feet, and an open-cut diversion sewer with an inside diameter of 6 feet</li> <li>• Construction of the three diversion chambers</li> <li>• Installation of a force main from the wet weather pumping station to the headworks/primary tanks of the WRRF</li> </ul>
	<p>Tunnel Dewatering Pumping Station</p>	<p><b>Tunnel dewatering pumping station</b></p> <ul style="list-style-type: none"> <li>• Installation of a 40-60 mgd pumping station, screening facility, gantry crane, and odor control equipment</li> <li>• Superstructure to house gantry crane and odor control equipment</li> <li>• Installation of electrical and instrumentation equipment</li> </ul>
	<p>Wet-Weather Pumping Station</p>	<p><b>Installation of pumps up to a capacity of 130 mgd</b></p> <ul style="list-style-type: none"> <li>• Installation of pumps and piping within the wet well below the Nutrient Management Facility</li> </ul>
	<p>WRRF Site Security and Access</p>	<p><b>Improvements to four existing gates and perimeter fencing</b></p> <ul style="list-style-type: none"> <li>• Installation of one new rollup gate and security booth under garage overhang south of Limerick Street</li> <li>• Installation of a new walkway along the South Bridge crossing Hooffs Run</li> <li>• Replacement of three existing gates and installation of three security booths</li> <li>• Replacement of perimeter fencing along southern border of the WRRF</li> </ul>
<p><b>Wet-Weather Treatment</b></p>	<p>Conversion of Primary Tanks to dual-use</p>	<ul style="list-style-type: none"> <li>• Widening of concrete influent channels</li> <li>• Installation of sodium hypochlorite system and dechlorination system</li> <li>• Installation of new piping for sodium hypochlorite</li> <li>• Upgrades to an existing pipeline that connects to the WRRF outfall</li> </ul>

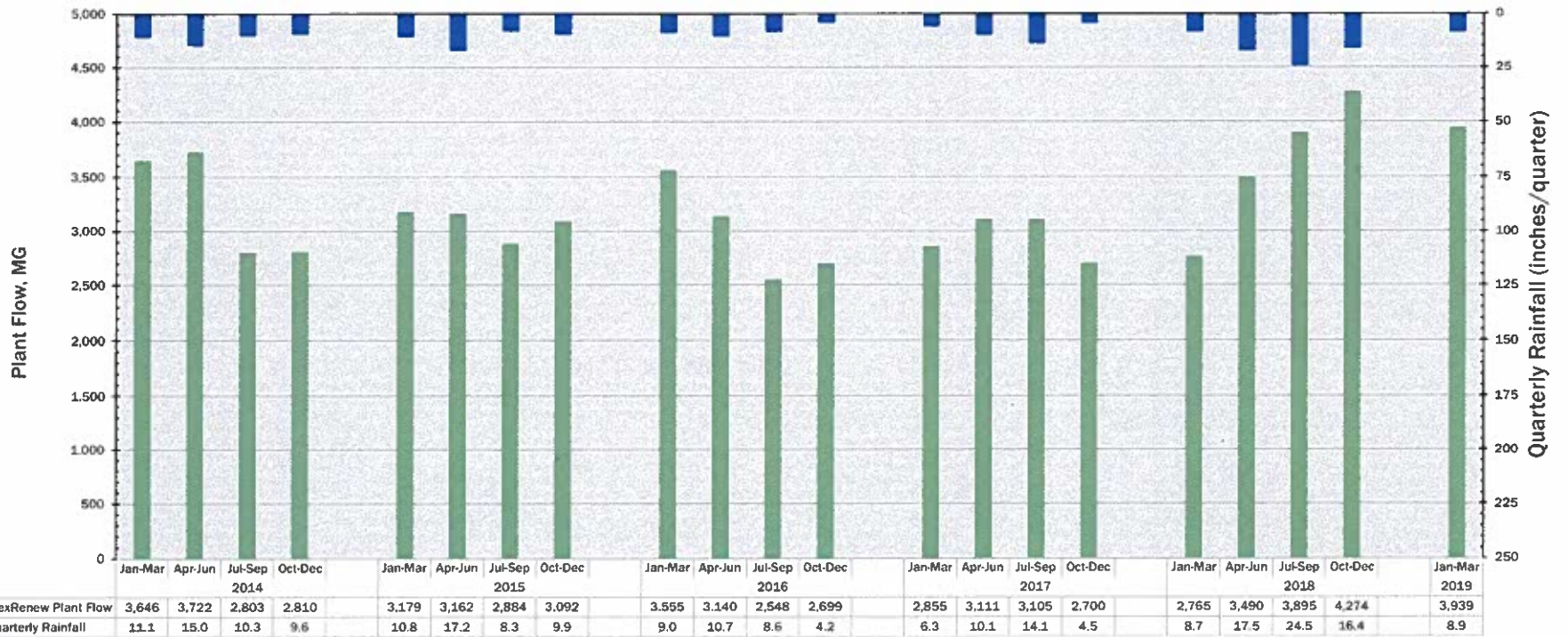


### ALEXRENEW DAILY FLOWS, MARCH 2019





AlexRenew Quarterly Plant Influent Flow



Quarter

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6 <b>Lynhaven Civic Assn.</b> 7:00p Leonard Chick Armstrong Rec Ctr. 25 West Reed Avenue <b>Jim Beall</b>	7	8 <b>Del Ray Citizens Assn.</b> 6:30p Del Ray United Methodist Church, 100 E. Windsor Ave. – <b>Jim Beall</b>  <b>Old Town Civic Assn.</b> 7p-Social, 7:30p-Mtg. Lyceum 201 S. Washington St. <b>Bill Dickinson</b>	9 <b>Seminary Hill Assn.</b> 7:30p-Immanuel Church on the Hill, 3606 Seminary Rd. <b>Bill Dickinson</b>  <b>West Old Town Citizens Assoc.</b> 7:30pm – Durant Arts Ctr., 1605 Cameron St. <b>Vacant</b>	10	11
12	13 <b>North Ridge Citizens Assn.</b> 7:30p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - <b>Bruce Johnson</b>	14	15 <b>Park Fairfax Unit Owners Assn.</b> 7:00p-Assn. Office, 3360 Gunston Rd. - <b>Bruce Johnson</b>  <b>Wakefield Tarleton Citizens Assn.</b> 6:30p- <b>TBD</b> <b>Bill Dickinson</b>	16	17	18
19	20	21	22	23 <b>Potomac Greens HOA</b> 7:00p Potomac Greens Clubhouse - <b>Patti Turner</b>	24	25
26	27 <b>Lenox Park @ Sunnyside HOA</b> 7:00p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - <b>Vacant</b>	28 <b>Cameron Station Civic Assn.</b> 7:00p – Cameron Club, Kilburn St. & Ben Brenman Park Dr. <b>Vacant</b>	29 <b>Alex. Federation of Civic Assn.</b> 7:00p City Hall, Rm. 2000 <b>Bill Dickinson</b>	30	31	



June 2019 Association Meetings | Alexandria Civic

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	<p>3</p> <p><b>Lynhaven Civic Assn.</b> 7:00p - Leonard Chick Armstrong Rec Ctr. 25 West Reed Avenue <b>Jim Beall</b></p>	4	5	6	7	8
9	<p>10</p> <p><b>North Ridge Citizens Assn.</b> 7:30p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - <b>Bruce Johnson</b></p>	11	<p>12</p> <p><b>Del Ray Citizens Assn.</b> 6:30p Del Ray United Methodist Church, 100 E. Windsor Ave. – <b>Jim Beall</b></p> <p><b>Old Town Civic Assn.</b> 7p-Social, 7:30p-Mtg. Lyceum 201 S. Washington St. <b>Bill Dickinson</b></p>	13	14	15
16	17	18	<p>19</p> <p><b>Park Fairfax Unit Owners Assn.</b> 7:00p-Assn. Office, 3360 Gunston Rd. <b>Bruce Johnson</b></p> <p><b>Wakefield Tarleton Citizens Assn.</b> 6:30p-<b>TBD</b> <b>Bill Dickinson</b></p>	20	21	22
23/30	<p>24</p> <p><b>Lenox Park @ Sunnyside HOA</b> 7:00p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - <b>Vacant</b></p>	<p>25</p> <p><b>Cameron Station Civic Assn.</b> 7:00p – Cameron Club, Kilburn St. &amp; Ben Brenman Park Dr. <b>Vacant</b></p>	<p>26</p> <p><b>Alex. Federation of Civic Assn.</b> 7:00p City Hall, Rm. 2000 <b>Bill Dickinson</b></p>	27	28	29

July 2019 Association Meetings | Alexandria Civic

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 <b>Lynhaven Civic Assn.</b> 7:00p Cora Kelly Rec Center 25 W. Reed Ave. <b>Jim Beall</b>	2	3	4	5	6
7	8	9	10 <b>Del Ray Citizens Assn.</b> 6:30p Del Ray United Methodist Church, 100 E. Windsor Ave. – <b>Jim Beall</b>  <b>Old Town Civic Assn.</b> 7p-Social, 7:30p-Mtg. Lyceum 201 S. Washington St. <b>Bill Dickinson</b>	11 <b>Seminary Hill Assn.</b> 7:30p-Immanuel Church on the Hill, 3606 Seminary Rd. <b>Bill Dickinson</b>  <b>West Old Town Citizens Assoc.</b> 7:30pm – Durant Arts Ctr., 1605 Cameron St. <b>Vacant</b>	12	13
14	15	16	17 <b>Park Fairfax Unit Owners Assn.</b> 7:00p-Assn. Office, 3360 Gunston Rd. <b>Bruce Johnson</b>  <b>Wakefield Tarleton Citizens Assn.</b> 6:30p- <b>TBD</b> <b>Bill Dickinson</b>	18	19	20
21	22 <b>Lenox Park @ Sunnyside HOA</b> 7:00p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - <b>Vacant</b>	23	24	25 <b>Potomac Greens HOA</b> 7:00p Potomac Greens Clubhouse - <b>Patti Turner</b>	26	27
28	29	30 <b>Cameron Station Civic Assn.</b> 7:00p – Cameron Club, Kilburn St. & Ben Brenman Park Dr. <b>Vacant</b>	31 <b>Alex. Federation of Civic Assn.</b> 7:00p City Hall, Rm. 2000 <b>Bill Dickinson</b>			

# Opinion: Commentary: Investing in Clean Waterways and Public Health

By Justin Wilson, Mayor, City of Alexandria, and John Hill, Chairman of the Board, Alexandria Renew Enterprises

Alexandria Gazette

[Tuesday, April 30, 2019](#)

Alexandria's health and prosperity depend on clean waterways, and clean waterways depend on a well-functioning wastewater system. The Potomac River and its tributaries receive the cleaned water treated to the highest standards at our wastewater treatment plant. Our goal is to protect public and environmental health and keep our waterways clean.

Alexandria Renew Enterprises (AlexRenew), a public authority serving about 300,000 residents and businesses in Alexandria and parts of Fairfax County, cleans our community's used water daily. For 67 years, AlexRenew has invested almost \$1 billion in upgrades to improve water quality, treatment capacity, and processing efficiency. In the past year, AlexRenew has been charged with the new treatment responsibility of mitigating the outdated combined sewer system that serves five percent of Alexandria, and addressing the extra flows entering our separated sewers in the west end. As a result, in the coming months, we will all see a rate increase in our sewer bills.

Rates are rising for several reasons. First, AlexRenew's wastewater facilities require ongoing improvements to meet the increased federal requirements for treating wastewater. Second, AlexRenew is working with the City and Fairfax County to address the extra flows that enter the plant when it rains or area soil is saturated from leaking wastewater laterals and utility holes. Our Fairfax County partners will fund their share of the remediation work for the management of their extra flows at AlexRenew.

Lastly, AlexRenew is working with the City to tackle a legacy problem — the remediation of a combined sewer system in older parts of Alexandria, where millions of gallons of sewage mixed with rainwater discharge into the Potomac during wet weather events.

The solution to the combined sewer overflow and the extra flows that enter the separate sanitary sewers is a program called "RiverRenew," which is being managed by AlexRenew in partnership the City. RiverRenew involves the construction of a tunnel system that will capture the flows from the combined sewers and upgrades at the wastewater plant to accommodate these flows.

RiverRenew is currently estimated to cost \$370-\$555 million. Its design and construction will be funded largely by rate increases for the Alexandria residents and businesses who are daily users of the system. Rates are expected to increase approximately 13 percent in the next year and 11 percent in the year after.

Alexandria Gazette April 30, 2019

We have been fortunate to receive a grant of \$25 million from the Commonwealth of Virginia in acknowledgement of the needed state and local partnership to complete this massive infrastructure program. We are thankful to Governor Northam for proposing the funding and to our local delegation for securing the critical support necessary to obtain this grant for RiverRenew in this year's state budget, including Sen. Richard Saslaw, Sen. George Barker, Sen. Adam Ebbin, Del. Charniele Herring, and Del. Mark Levine. We will work to secure additional state funding in the future as the progress of this major infrastructure project continues.

Rate policy is determined by AlexRenew's City Council-appointed Board of Directors, five community members who live in Alexandria and pay the same bills we all do. The Board calculates rate increases on a four-point philosophy: 1) fiscal responsibility to cover AlexRenew's costs of service; 2) transparency and appropriate public notice and input; 3) compassion through payment flexibility options; and 4) diligent planning and projections to avoid drastic increases year after year.

The Potomac River and its tributaries are natural assets that promote Alexandria's commercial viability, protect public health, encourage recreation, and enhance our quality of life. Investing in our wastewater system ensures the preservation of these vital natural resources. Our water sources and services are another way we are all connected and are systems we all share and invest in together.

We invite you to attend an Open House on Sunday, April 28, from 3 p.m. to 5 p.m., at the AlexRenew Environmental Center (1800 Limerick St.), to learn more about the need for your investment in the health of our waterways.



# Monthly Market Review

“Have you heard? Inversion’s the word!”

## Economic Highlights

- At the end of March all eyes turned to the seven-day stint when the yield on a 3-Month U.S. Treasury bill exceeded that of a 10-Year U.S. Treasury note. This yield curve inversion often precedes a recession. Despite this warning sign, other measures of market and economic conditions – such as credit spreads and jobless claims – do not portend a recession in the near term.
- As expected, the Federal Reserve (Fed or FOMC) left the federal funds rate unchanged in March at its current target range of 2.25% to 2.50%. Chairman Powell confirmed the Fed’s intent to be patient and “on hold” while assessing global economic and financial developments and inflation to determine what future adjustments to short-term rates – up or down – might be warranted.
- The final estimate of U.S. Gross Domestic Product (GDP) showed that growth moderated in the fourth quarter of 2018. The economy expanded at 2.2%, decelerating from 4.2% and 3.4% in the prior two quarters. The biggest headwinds to U.S. growth are from abroad, as vulnerabilities remain in the Eurozone, China, and Japan. Estimates for 2019 growth are in the 2% to 2.5% range, implying slower but steady expansion relative to 2018.
- The March U.S. jobs report showed non-farm payrolls rose by 196,000, rebounding from February’s lackluster 33,000 increase. The unemployment rate remained near its multi-decade low at 3.8%. Wage growth slowed a bit.
- U.S. Manufacturing and Consumer Confidence gauges remain positive, but are off their late-2018 highs. While consumer sentiment remains high, the difference between future and current assessments of economic conditions indicates consumers have become less optimistic about the future.
- After weakening for most of 2018, several measures of the housing market have rebounded. Boosted by lower mortgage rates and slowing home price appreciation, new and existing home sales spiked month-over-month by 4.9% and 11.8%, respectively.

## Bond Markets

- U.S. Treasury yields rallied across the curve over the month, with maturities beyond one year declining 20 to 30 basis points (0.20% to 0.30%). The result was an even flatter yield curve.
- As a result, returns on longer duration indices dominated their shorter-term counterparts. For example, the 1-year and 2-year constant maturity U.S. Treasury indices returned 0.35% and 0.62%, respectively, while, the 5-Year and 10-Year indices generated 1.49% and 2.84% total return for the month.

- The inversion of the Treasury yield curve, albeit brief, did not change positive investor sentiment. Historically, this inverted relationship has foreshadowed recessions, with only one false positive in the past 45 years. But this event was brief, and other confirming signals such as stock market prices and credit market conditions suggest that a downturn is not imminent.

## Municipal Bond Market

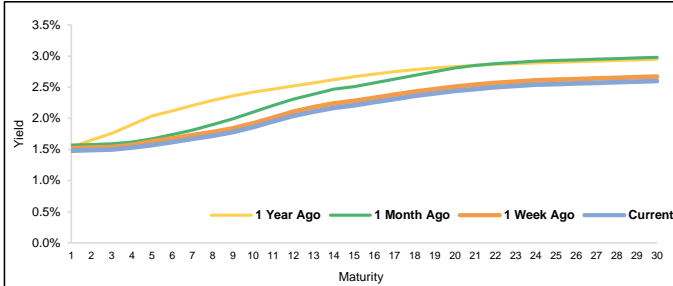
- Municipal new issuance was relatively unchanged in March, increasing slightly by 0.1% to \$26.12 billion from \$26.08 billion the same month last year. Year-to-date municipal new issuance is up 17.3% to \$76.9 billion for 2019 from \$65.6 billion during the same period last year, according to Municipal Market Monitor (TM3) data.
- March experienced positive bond flows throughout the month and ended with net inflows totaling \$8.8 billion, following February’s net inflows of \$10.9 billion, according to Investment Company Institute (ICI) data.
- The Municipal Market Data (MMD) Index experienced lower rates across the yield curve in March. Both the one-year and three-year rate decreased 9 bps to 1.48% and 1.50%, respectively. The five-year rate fell 10 bps to 1.57%, and the 10-year rate declined 24 bps to 1.86%. On the long end, the 30-year rate dropped 38 bps to 2.60%, according to TM3 data.
- The 10-year MMD Single-A General Obligation (GO) Index credit spread fell by 8 bps to 36 bps while the Double-A GO Index credit spread dropped 4 bps to 12 bps, according to TM3 data.
- In March, Municipal-to-Treasury ratios increased across the front end of the yield curve and decreased on the long end. The two-year ratio increased to 65.7% from 62.7% in February, and the five-year ratio rose to 70.3% from 66.3%. The intermediate-term ratio moved up to 72.3% from 69.0%, while the 10-year ratio increased to 77.3% from 77.2%. The 30-year ratio declined to 92.4% from 96.4%, according to TM3 data.
- The Municipal curve flattened in March with the AAA MMD 2-year/10-year slope falling to 37 bps from 52 bps in February, and the AAA MMD 2-year/30-year slope decreased to 111 bps from February’s 140 bps.

Spot Rates				
	Current 3/29/2019	1 Week Ago 3/22/2019	1 Month Ago 2/28/2019	1 Year Ago 3/29/2018
2-Year	1.49	1.53	1.58	1.65
3-Year	1.50	1.54	1.59	1.76
5-Year	1.57	1.63	1.67	2.04
7-Year	1.67	1.73	1.81	2.21
10-Year	1.86	1.92	2.10	2.42
30-Year	2.60	2.67	2.98	2.95

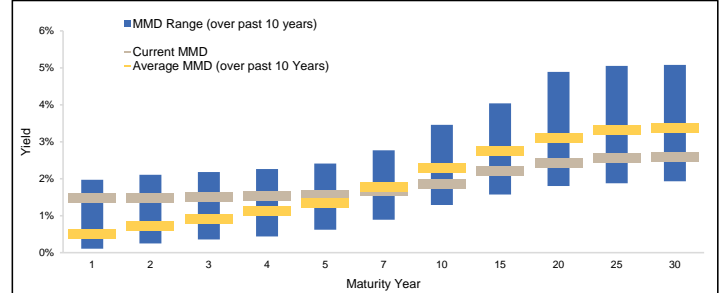
Change in Spot Rate (basis points)			
	1 Week Ago 3/22/2019	1 Month Ago 2/28/2019	1 Year Ago 3/29/2018
2-Year	-4	-9	-16
3-Year	-4	-9	-26
5-Year	-6	-10	-47
7-Year	-6	-14	-54
10-Year	-6	-24	-56
30-Year	-7	-38	-35

Market Rates			
Term	MMD AAA GO	U.S. Treasury	Muni Swap Rate
2-Year	1.49%	2.26%	1.56
3-Year	1.50%	2.21%	1.55
5-Year	1.57%	2.23%	1.61
7-Year	1.67%	2.31%	1.70
10-Year	1.86%	2.41%	1.84
30-Year	2.60%	2.82%	2.18

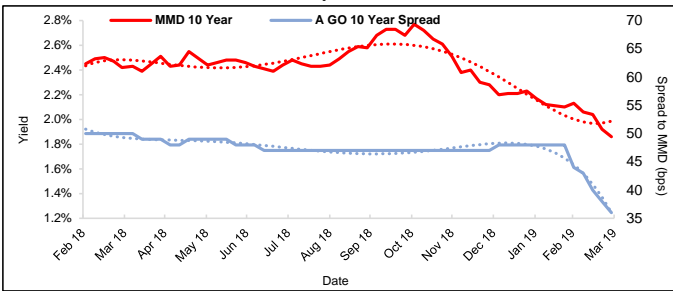
MMD AAA GO Curve



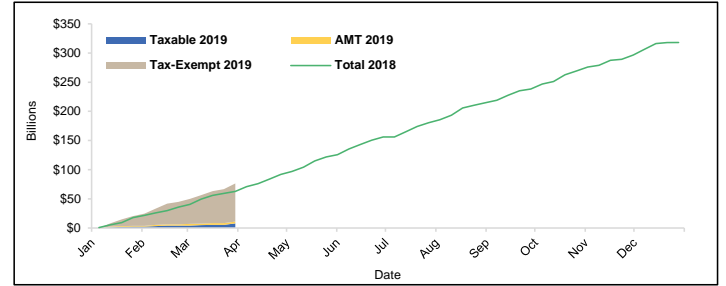
MMD Rates Over Time



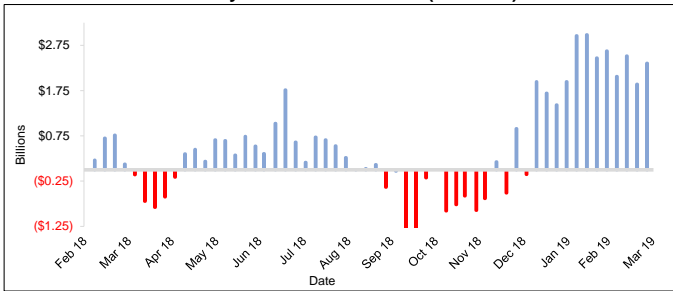
Rate and Spread Movement



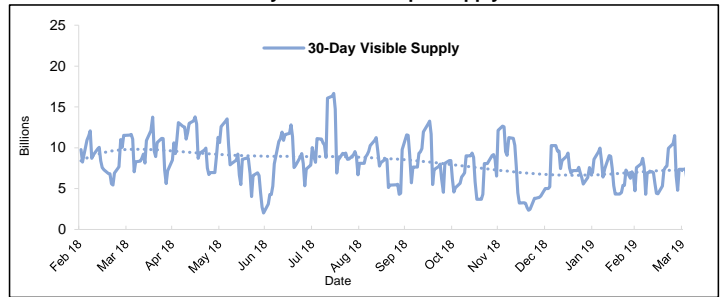
2019 Cumulative Issuance



Weekly Mutual Fund Inflows (Outflows)



30-Day Visible Municipal Supply



Economic Calendar

Date	Time	Statistic	Date	Time	Statistic	Date	Time	Statistic
04/08/2019	10:00 AM	Cap Goods Orders Nondef Ex Air	04/15/2019	08:30 AM	Empire Manufacturing	04/19/2019	08:30 AM	Housing Starts MoM
04/08/2019	10:00 AM	Cap Goods Ship Nondef Ex Air	04/15/2019	04:00 PM	Net Long-term TIC Flows	04/22/2019	08:30 AM	Chicago Fed Nat Activity Index
04/09/2019	06:00 AM	NFIB Small Business Optimism	04/15/2019	04:00 PM	Total Net TIC Flows	04/22/2019	10:00 AM	Existing Home Sales
04/09/2019	10:00 AM	JOLTS Job Openings	04/16/2019	09:15 AM	Industrial Production MoM	04/22/2019	10:00 AM	Existing Home Sales MoM
04/10/2019	07:00 AM	MBA Mortgage Applications	04/16/2019	09:15 AM	Manufacturing (SIC) Production	04/23/2019	09:00 AM	FHFA House Price Index MoM
04/10/2019	08:30 AM	CPI MoM	04/16/2019	09:15 AM	Capacity Utilization	04/23/2019	10:00 AM	Richmond Fed Manufact. Index
04/10/2019	08:30 AM	CPI Ex Food and Energy MoM	04/17/2019	07:00 AM	MBA Mortgage Applications	04/23/2019	10:00 AM	New Home Sales
04/11/2019	08:30 AM	PPI Final Demand MoM	04/17/2019	08:30 AM	Trade Balance	04/24/2019	07:00 AM	MBA Mortgage Applications
04/11/2019	02:00 PM	PPI Ex Food and Energy MoM	04/17/2019	10:00 AM	Wholesale Inventories MoM	04/25/2019	08:30 AM	Initial Jobless Claims
04/11/2019	08:30 AM	PPI Ex Food, Energy, Trade MoM	04/17/2019	10:00 AM	Wholesale Trade Sales MoM	04/25/2019	11:00 AM	Kansas City Fed Manf. Activity
04/11/2019	08:30 AM	PPI Final Demand YoY	04/17/2019	02:00 PM	US Fed. Reserve Releases Beige Book	04/26/2019	08:30 AM	GDP Annualized QoQ
04/12/2019	10:00 AM	U. of Mich. Current Conditions	04/18/2019	08:30 AM	Retail Sales Advance MoM	04/26/2019	08:30 AM	Personal Consumption
04/12/2019	10:00 AM	U. of Mich. Expectations	04/18/2019	10:00 AM	Leading Index	04/29/2019	08:30 AM	Personal Income
04/12/2019	10:00 AM	U. of Mich. 1 Yr Inflation	04/18/2019	10:00 AM	Business Inventories	04/29/2019	08:30 AM	Personal Spending
04/12/2019	10:00 AM	U. of Mich. 5-10 Yr Inflation	04/19/2019	08:30 AM	Housing Starts	04/30/2019	09:45 AM	MNI Chicago PMI

Sources: Bloomberg, Thomson Reuters and ICI. Unless otherwise noted, all data is presented as of March 31, 2019.

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# Report shows reductions in pollutants, improved water quality in Potomac

Posted on [May 15, 2019](#) | by [Kimberly Scharfenberger](#)

**WASHINGTON, D.C.** – (Press Release) The amounts of nitrogen and phosphorus—which in excess can degrade water quality—have declined dramatically in the Potomac River since the 1980s, and are on track for further reductions, says a new COG report.

The findings of the report, [Potomac River Water Quality in Metropolitan Washington](#), were presented today to the COG Board of Directors. The report analyzes long-term data from 1985 to 2016, rather than relying on a single year or point in time, which can be impacted by weather conditions.

Investments in and actions by the region’s wastewater treatment plants largely account for this significant progress, supporting increases in jobs and population while improving Potomac water quality.

For example, discharges of nitrogen from the region’s wastewater treatment plants have decreased by about 75 percent from their peak in the early 1990s, and phosphorous by about 94 percent from levels in the late 1970s.

“The Potomac River serves as the primary source of our region’s drinking water, but it’s also an important economic driver for our region, so this analysis reveals we have much to celebrate,” said Jon Stehle, COG Chesapeake Bay and Water Resources Policy Committee Vice Chair and City of Fairfax Councilmember. “We’re thrilled to be measuring progress in the river, but we’re also observing it, with development at National Harbor, the Wharf, and Alexandria, and renewed recreation on the water.”

Page 63 of 66

The report notes other key points of progress in the Potomac watershed:

Nitrogen, phosphorous, and sediment are lower now in the free-flowing portion of the river upstream above Chain Bridge than in 1985.

The more urban part of the watershed below Chain Bridge is showing improving trends in certain areas for nitrogen—specifically monitoring stations at Northwest Anacostia, Patuxent Bowie, Accotink Creek, Western Branch, and Upper Marlboro. This is likely the result of stormwater management investments.

Data in the Potomac Estuary, where the river is influenced by tides and the Chesapeake Bay, show a mixed picture of progress. Most portions of the estuary show short and long-term improvements in nitrogen and phosphorous levels. However, dissolved oxygen, critical to thriving marine life, is improving upstream but has shown no change or degrading trends downstream.

More visible signs of progress include less algal growth and in turn more acres of underwater grasses—12 different species—particularly in the freshwater portion of the Potomac estuary.

“Despite this great news, these reductions are not yet enough to attain water quality standards,” said Stehle. “Investments by local governments and wastewater utilities in water quality improvements are clearly working, but it will take continued investment by other sectors, particularly agriculture and stormwater, to continue these positive trends and achieve water quality standards.”

The Potomac River is part of the Chesapeake Bay Watershed. The region will celebrate Chesapeake Bay Awareness Week June 1-9.



## 2019 AlexRenew Board of Directors Calendar of Events

January						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

March						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

April						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

### Legend

- Board of Directors Activity
- AlexRenew Observed Holidays
- Water Industry Events
- RiverRenew Stakeholder Advisory Group Activity
- Council Board Work Group Activity
- Community Engagement

January
1: New Year's Day
9: Finance & Audit Comm.
15: Board Meeting
21: MLK Day Observed
February
15: Finance & Audit Comm.
19: Board Meeting
20: Council Board Work Group
27: RiverRenew Stakeholder Advisory Group
March
19: Board Meeting & Presentation of FY20 Budget
26: RiverREnew Stakeholder Advisory Group
April - Earth Month
16: Board Meeting
24: Council Board Workgroup Meeting
22: National Earth Day
27: Alexandria Earth Day
May
1: RiverRenew Stakeholder Advisory Group
11: Public Hearing Rates
21: Board Meeting
27: Memorial Day Observed
June - Safety Month
1-9: Chesapeake Bay Awareness Week
11: AlexRenew Opens as Voting Location
18: Board Meeting & Public Hearing FY20 Budget
30: VA Wastewater Professionals Day

## 2019 AlexRenew Board of Directors Calendar of Events

July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3							
7	8	9	10	11	12	13	4	5	6	7	8	9	10	1	2	3	4	5	6	7
14	15	16	17	18	19	20	11	12	13	14	15	16	17	8	9	10	11	12	13	14
21	22	23	24	25	26	27	18	19	20	21	22	23	24	15	16	17	18	19	20	21
28	29	30	31				25	26	27	28	29	30	31	22	23	24	25	26	27	28
														29	30					

October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5						1	2							
6	7	8	9	10	11	12	3	4	5	6	7	8	9	1	2	3	4	5	6	7
13	14	15	16	17	18	19	10	11	12	13	14	15	16	8	9	10	11	12	13	14
20	21	22	23	24	25	26	17	18	19	20	21	22	23	15	16	17	18	19	20	21
27	28	29	30	31			24	25	26	27	28	29	30	22	23	24	25	26	27	28
														29	30	31				

**Legend**

	Board of Directors Activity
	AlexRenew Observed Holidays
	Water Industry Events
	RiverRenew Stakeholder Advisory Group
	Council Board Work Group Activity
	Community Engagement

July
4: Independence day
10-12: One Water Conference - Minnesota
24: Council Board Work Group
25: Annual Meeting
August - National Water Quality Month
No Regular Board Meeting
September - Preparedness Month
2: Labor Day
7: Water Discovery Day
17: Regular Board meeting
25: Council Board Work Group
October - Cybersecurity Month
15: Regular Board of Directors Meeting
November - Thanks for Giving Month
5: Election Day - State Senate & House Delegates
19: Regular Board Meeting
28-29: Thanksgiving Holiday Observation
December
17: Regular Board Meeting
24-25: Holiday Observation